

# NPDES MS4 Annual Report

version 1.11

(Submission #: HQE-YGCS-V2HQ6, version 1)

## Details

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**Originally Started By** Helen Morrison

**Submission ID** HQE-YGCS-V2HQ6

**MS4 Owner Name** City of Hendersonville

**Status** Signing

**Active Steps** Form Submitted

## Form Input

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### General Information

**Permit Number**  
TNS075353

**MS4 Owner/Operator (e.g. City of ...)**  
City of Hendersonville

**County**  
Sumner

### **Reporting Period**

Per subpart 5.1

- a. The Annual Report shall cover the period beginning on July 1st and ending on June 30th;
- b. The Annual Report shall be due on September 30th after the end of the reporting period.

**Reporting Period Start Date**  
07/01/2024

**Reporting Period End Date**

06/30/2025

**MS4 Population At NOI Submittal**

Population greater than or equal to 50,001

**Name and contact information of MS4 Responsible Authority (e.g. Mayor ...)**

**Prefix**

Hon.

**First Name**

Jamie

**Last Name**

Clary

**Title**

Mayor

**Company Name**

City of Hendersonville

**Phone Type**

Business

**Number**

615-822-1000

**Extension**

**Email**

jclary@hvilletn.org

**Address**

101 Maple Dr. N.

Hendersonville, TN 37075

## Designated MS4 Stormwater Management Program Contact

**Prefix**

Mrs.

**First Name**

Helen

**Last Name**

Morrison

**Title**

Stormwater Coordinator

**Company Name**

City of Hendersonville Public Works Dept

**Phone Type**

Business

**Number**

6155904649

**Extension**

**Email**

hmorrison@hvilletn.org

**Address**

101 Maple Drive North

Hendersonville City Hall, Tennessee 37075

## MCM 1: Public Education

Below report on the educational activities completed during the reporting year. Delete unused rows (click X at end of row). Add rows (add row button on bottom of table) to report add activities.

**Provide the number of activities completed during the reporting year for the Public (Subpart 4.2.1.1. of the permit).**

17

**Provide the number of activities completed during the reporting year for the Engineering and Development Community (Subpart 4.2.1.2. of the permit).**

4

**For new employees: provide the total number of employees NOT educated in accordance with the PIE plan within 6 months?**

0

**For existing employees: provide the total number of employees NOT educated in accordance with the PIE plan within the permit term.**

0

A population of greater than or equal to 50,001 at NOI submittal was selected in the General Information Section. Per Subpart 4.2.1.1. the MS4 is required to conduct six (6) activities during the reporting year addressing each of the four (4) management measures for the public. A single activity may address multiple management measures.

You may need to use the scroll bars to view the whole table.

To Add a Row - Click Add Row near the bottom right of the table

To Delete a Row - Click the "X" at the far right end of the row.

## Column Descriptions

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Target Audience (This column is fixed and cannot be changed.)

Activity Description: (Provide details as to the specific activity that was conducted.)

Management Measure: Impacts on Water Quality (Select Yes if the activity listed in this row addressed the 4.2.1.1.a. General awareness of the impacts on water quality.)

Management Measure: SCM/BMP Maintenance (Select Yes if the activity listed in this row addressed the 4.2.1.1.b. Awareness of the importance of maintenance activities for operators of permanent Best Management Practices (BMPs)/Stormwater Control Measures (SCMs).)

Management Measure: Storage, Use, Disposal of Fluids (Select Yes if the activity listed in this row addressed the 4.2.1.1.c. Awareness of the proper storage, use, and disposal of pesticides, herbicides, fertilizers oil and other automotive-related fluids.)

Management Measure: Illicit Discharges (Select Yes if the activity listed in this row addressed the 4.2.1.1.d. Awareness of identifying and reporting procedures for illicit connections/discharges, sanitary sewer seepage, spills, etc.)

Date of Activity (Enter the date the activity took place. If the activity took place across multiple days enter the Date of the first day of the activity.)

Specifically Targeted Audience (This column is used to provide more details as to the audience the activity was targeting e.g. school age children, Homeowners with SCMs) A broad based event such as tabling at a festival may list general public as the specifically targeted audience.

# of Audience (Enter the approximate number of individuals that were reached with this activity.)

Sponsored Activities (Identify if the event sponsored monetarily e.g. money or as a donation in kind e.g. goods or services by the MS4 program. If it was not a sponsored activity, leave N/A in the cell.)

**Provide the status of your MS4 program's public education and outreach activities for the Public audience during the reporting period.**

<b>Target Audience</b>	<b>Activity Description</b>	<b>Management Measure: Impacts on Water Quality</b>	<b>Management Measure: SCM/BMP Maintenance</b>	<b>Management Measure: Storage, Use, Disposal of Fluids</b>	<b>Management Measure: Illicit Discharges</b>	<b>Date of Activity</b>	<b>Specifically Targeted Audience</b>	<b># of Audience</b>	<b>Sponsored Activities</b>
Public	Drakes Creek Cleanup	Yes	No	Yes	Yes	07/27/2024	Public	17	Monetary
Public	CRC presented Creek Critters Program at Gene Brown Elementary	Yes	No	No	Yes	10/21/2024	4th graders and 1 adult	71	Monetary
Public	CRC presented Welcome Home! A real estate professionald Event to Celebrate Clean Water	Yes	No	No	No	11/14/2024	Public, real estate professionals	53	Monetary
Public	Hosted presentation on "Stormwater Ordinance Revision, Operating Procedures, and Enforcement for the City of Hendersonville, TN" with Christine Guy-Baker, Christina Bannister, and Helen Morrison	Yes	Yes	No	Yes	12/04/2024	Public, Engineers, Developers, Homebuilders, HOAs/POAs	38	Monetary

<b>Target Audience</b>	<b>Activity Description</b>	<b>Management Measure: Impacts on Water Quality</b>	<b>Management Measure: SCM/BMP Maintenance</b>	<b>Management Measure: Storage, Use, Disposal of Fluids</b>	<b>Management Measure: Illicit Discharges</b>	<b>Date of Activity</b>	<b>Specifically Targeted Audience</b>	<b># of Audience</b>	<b>Sponsored Activities</b>
Public	Presented Creek Critters program at Jack Anderson Elementary School	Yes	No	No	Yes	01/24/2025	3rd graders and teachers	177	Monetary
Public	Presented Creek Critters program at Lakeside Park Elementary School	Yes	No	No	No	02/06/2025	3rd graders and teacher	71	Monetary
Public	Presented Stormwater Audit program at Knox Doss Middle School	Yes	Yes	No	No	03/19/2025	6th through 8th grade and a teacher	145	Monetary
Public	Presented Creek Critters program at Station Camp Middle School	Yes	No	No	No	03/26/2025	6th graders and a teacher	325	Monetary
Public	Presented Creek Critters program at Walton Ferry Elementary	Yes	No	No	No	05/12/2025	4th graders and teachers	52	Monetary
Public	Presented Creek Critters program at Burrus Elementary	Yes	No	No	No	05/13/2025	3rd graders and teachers	127	Monetary

<b>Target Audience</b>	<b>Activity Description</b>	<b>Management Measure: Impacts on Water Quality</b>	<b>Management Measure: SCM/BMP Maintenance</b>	<b>Management Measure: Storage, Use, Disposal of Fluids</b>	<b>Management Measure: Illicit Discharges</b>	<b>Date of Activity</b>	<b>Specifically Targeted Audience</b>	<b># of Audience</b>	<b>Sponsored Activities</b>
Public	Delivered a presentation on local water quality for Merrol Hyde Magnet School	Yes	No	No	No	05/19/2025	high schoolers and a teacher	12	Monetary
Public	CRC Attended the Hendersonville Farmer's Market on May 31, 2025 to share about local stream, water quality, and agricultural best management practices with 35 people.	Yes	No	No	No	05/31/2025	General public	35	Monetary
Public	Hosted Mallard Point Park cleanup	Yes	No	Yes	Yes	05/03/2025	Public	20	Monetary
Public	2025 Waterfest was held on 6/27/2025 in Peay Park. 13 educational exhibitors provided hands-on water education for attendees	Yes	Yes	Yes	Yes	06/27/2025	Kids and parents	500	Monetary
Public	Tennessee Tree Day 2025	Yes	No	No	No	05/28/2025	General Public	126	N/A

Target Audience	Activity Description	Management Measure: Impacts on Water Quality	Management Measure: SCM/BMP Maintenance	Management Measure: Storage, Use, Disposal of Fluids	Management Measure: Illicit Discharges	Date of Activity	Specifically Targeted Audience	# of Audience	Sponsored Activities
Public	Annual Stormwater Flyer. Mailed to every property owner in the City	No	Yes	Yes	Yes	10/01/2024	Public, Commercial, Developers, POA/HOAs	22000	N/A
Public	Distribute TENSU Turtle Stormwater Activity Booklet by Beautiful Hendersonville at Various Events- 3rd grade litter awareness presentations, Hendersonville Public Library summer reading program, and Sumner County Master Gardener's annual plant sale.	Yes	No	Yes	Yes	12/05/2024	Students, public, master gardeners	1000	Monetary

A population of greater than or equal to 50,001 at NOI submittal was selected in the General Information Section. Per Subpart 4.2.1.2. the MS4 is required to conduct two (2) activities during the reporting year addressing each of the two (2) management measures for the Engineering and Development Community. A single activity may address multiple management measures.

You may need to use the scroll bars to view the whole table.

To Add a Row - Click Add Row near the bottom right of the table

To Delete a Row - Click the "X" at the far right end of the row.

**Column Descriptions**

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Target Audience (This column is fixed and cannot be changed.)

Activity Description: (Provide details as to the specific activity that was conducted.)

Management Measure: Long Term Water Quality Impacts (Select Yes if the activity listed in this row addressed the 4.2.1.2.a Awareness of the stormwater ordinances, regulations, and guidance materials related to long-term water quality impacts.)

Management Measure: Construction Water Quality Impacts (Select Yes if the activity listed in this row addressed the 4.2.1.2.b. Awareness of stormwater ordinances, regulations, and guidance materials related to construction phase water quality impacts.)

Date of Activity (Enter the date the activity took place. If the activity took place across multiple days enter the Date of the first day of the activity.)

Specifically Targeted Audience (This column is used to provide more details as to the audience the activity was targeting e.g. restaurants, Engineers, Developers ) A broad based event such as tabling at a local trade show may list commercial and development community as the specifically targeted audience.

# of Audience (Enter the approximate number of individuals that were reached with this activity.)

**Provide the status of your MS4 program’s public education and outreach activities for the Engineering and Development Community during the reporting period.**

Target Audience	Activity Description	Management Measure: Long Term Water Quality Impacts	Management Measure: Construction Water Quality Impacts	Date of Activity	Specifically Targeted Audience	# of Audience
Engineering and Development Community	Hosted presentation on “Best Practices for the Maintenance of Bioretention Areas and Permeable Pavement to Improve Water Quality” with Van Oldham of Evergreen Site Solutions	Yes	Yes	09/12/2024	Engineers, Developers, Homebuilders, HOAs/POAs	16

Target Audience	Activity Description	Management Measure: Long Term Water Quality Impacts	Management Measure: Construction Water Quality Impacts	Date of Activity	Specifically Targeted Audience	# of Audience
Engineering and Development Community	Hosted presentation on "Green Solutions for Channels and Headwall/Outlet Protection" with Trey Hightower and Robert Chandler of Jen-Hiill on October 17th, 2024. 9 people attended the presentation.	Yes	Yes	10/17/2024	Engineers, Developers, Homebuilders, HOAs/POAs	9
Engineering and Development Community	Hosted presentation on "Stormwater Ordinance Revision, Operating Procedures, and Enforcement for the City of Hendersonville, TN" with Christine Guy-Baker, Christina Bannister, and Helen Morrison on December 4th, 2024.	Yes	Yes	12/04/2024	Engineers, Developers, Homebuilders, HOAs/POAs	38
Engineering and Development Community	Sponsored a professional education event on January 15, 2025 for 16 people about "Maximizing the Stormwater Benefits of Urban Trees" with Jason Sprouls of the Cumberland River Compact.	Yes	Yes	01/15/2025	Engineers, Developers,	16

**Supporting Documentation for Activities described in this section.**

[MS4 2024-2025 Annual Report - Hendersonville.pdf - 08/19/2025 12:20 PM](#)

[2024 Tax Bill Insert Flyer.pdf - 08/22/2025 02:33 PM](#)

[12-4-2024 Ordinance Revisions Sign In sheet.pdf - 08/22/2025 02:44 PM](#)

[10-17-2024 Sign In.pdf - 08/22/2025 02:44 PM](#)

[9-12-2024 Van Oldham Talk.pdf - 08/22/2025 02:44 PM](#)

**Comment**

NONE PROVIDED

**Notes:**

The City of Hendersonville has partnered with the Cumberland River Compact to provide water quality education opportunities for the public and engineering and development community. The City also provides the TNSA TENSI Turtle activity booklet to Beautiful Hendersonville to handout at various community events. This year they attended several 3rd grade litter awareness presentations in Hendersonville schools, provided booklets at the Hendersonville Public Library and the summer kids reading program, along with the Sumner County Master Gardener's annual plant sale.

**MCM 2: Public Involvement And Participation**

Below report on the involvement/participation activities completed during the reporting year. Delete unused rows (click X at end of row). Add rows (add row button on bottom of table) to report add activities.

**Is your Stormwater Management Program Plan documentation available online?**

Yes

**Provide the web address for the Stormwater Management Program plan documentation**

<https://www.hvilletn.org/DocumentCenter/View/6682/Stormwater-Management-Plan-PDF?bidId=>

**Was the MS4 program documentation formally placed on public notice during the reporting year?**

Yes

**Provide a copy of the public notice and response to comments.**

[SWMP Public Notice Webpage Screenshot.png - 08/19/2025 12:27 PM](#)

**Comment**

The City did not receive any questions or comments as a result of the public notice.

Subpart 4.2.2. requires the following in the annual report  
Detail applicable changes as directed in subpart 4.4.1  
This requirement will be located in the Program Modifications Section

**Is information for all construction site projects accessible to the public?**

Yes

**Number of comments received from the public on construction site projects.**

1

**Are all comments from the public on construction site projects considered?**

Yes

**Number of reports (or complaints) during the reporting period received from the public via public reporting system (IDDE reports)?**

10

**Provide the number of activities completed during the reporting year for the General Public (Subpart 4.2.2.1. of the permit).**

7

**Provide the number of activities completed during the reporting year for the Commercial and Development Community (Subpart 4.2.2.2. of the permit).**

4

A population of greater than or equal to 50,001 at NOI submittal was selected in the General Information Section. Per Subpart 4.2.2.1. the MS4 is required to conduct six (6) activities during the reporting year addressing each of the four (4) management measures for the general public. A single activity may address multiple management measures.

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## **Column Descriptions**

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Target Audience (This column is fixed and cannot be changed.)

Activity Description: (Provide details as to the specific activity that was conducted.)

Management Measure: Pollution Prevention (Select Yes if the activity listed in this row addressed the 4.2.2.1.a Pollution Prevention Management Measure.)

Management Measure: Impacts on Water Quality (Select Yes if the activity listed in this row addressed the 4.2.2.1.b. Impacts on water quality or local stormwater management issues.)

Management Measure: Storage, Use, Disposal of Fluids (Select Yes if the activity listed in this row addressed the 4.2.2.1.c. Storage, use, and disposal of household hazardous waste, automotive related fluids, pesticides, herbicides, and fertilizers use.)

Management Measure: Illicit Discharges (Select Yes if the activity listed in this row addressed the 4.2.2.1.d. Identifying and reporting procedures for illicit connections/discharges, sanitary sewer seepage, spills, etc.)

Date of Activity (Enter the date the activity took place. If the activity took place across multiple days enter the Date of the first day of the activity.)

Specifically Targeted Audience (This column is used to provide more details as to the audience the activity was targeting e.g. school age children, Homeowners with SCMs) A broad based event such as tabling at a festival may list general public as the specifically targeted audience.

# of Audience (Enter the approximate number of individuals that were reached with this activity.)

Sponsored Activities (Identify if the event sponsored monetarily e.g. money or as a donation in kind e.g. goods or services by the MS4 program. If it was not a sponsored activity, leave N/A in the cell.)

**Provide the status of your MS4 program's public involvement/participation activities for the General Public audiences during the reporting period.**

Target Audience	Activity Description	Management Measure: Pollution Prevention	Management Measure: Impacts on Water Quality	Management Measure: Storage, Use, Disposal of Fluids	Management Measure: Illicit Discharges	Date of Activity	Specifically Targeted Audience	# of Audience	Sponsored Activities
General Public	Drakes Creek Clean UP	Yes	Yes	Yes	Yes	07/27/2024	Public	17	Monetary
General Public	CRC Attended the Hendersonville Farmer's Market on May 31, 2025 to share about local stream, water quality, and agricultural best management practices	Yes	Yes	No	Yes	05/31/2025	Public	35	Monetary
General Public	Tennessee Tree Day 2025	No	Yes	No	No	05/28/2025	Public	126	N/A
General Public	Waterfest	Yes	Yes	Yes	Yes	06/27/2025	Parents and children	500	Monetary
General Public	Hosted Mallard Point Park cleanup	Yes	Yes	Yes	Yes	05/03/2025	Public	20	Monetary
General Public	Creek Critters Programs in 8 schools	Yes	Yes	No	Yes	05/19/2025	School children and teachers	958	Monetary
General Public	4th Annual Community Clean Up Day	Yes	Yes	Yes	Yes	03/29/2025	Public	300	Donation in kind

A population of greater than or equal to 50,001 at NOI submittal was selected in the General Information Section. Per Subpart 4.2.2.2. the MS4 is required to conduct two (2) activities during the reporting year addressing each of the two (2) management measures for the Commercial and Development Community. A single activity may address multiple management measures.

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Management Measure: Impacts on Water Quality (Select Yes if the activity listed in this row addressed the 4.2.2.2.b. Impacts on water quality or local stormwater management issues.)

Date of Activity (Enter the date the activity took place. If the activity took place across multiple days enter the Date of the first day of the activity.)

Specifically Targeted Audience (This column is used to provide more details as to the audience the activity was targeting e.g. restaurants, Engineers, Developers ) A broad based event such as tabling at a local trade show may list commercial and development community as the specifically targeted audience.

# of Audience (Enter the approximate number of individuals that were reached with this activity.)

**Provide the status of your MS4 program's public involvement/participation activities for the Commercial and Development Community during the reporting period.**

Target Audience	Activity Description	Management Measure: Pollution Prevention	Management Measure: Impacts on Water Quality	Date of Activity	Specifically Targeted Audience	# of Audience
Commercial and Development Community	Hosted presentation on "Stormwater Ordinance Revision, Operating Procedures, and Enforcement for the City of Hendersonville, TN" with Christine Guy-Baker, Christina Bannister, and Helen Morrison	Yes	Yes	12/04/2024	Public, Engineers, Developers, Homebuilders, HOAs/POAs	38
Commercial and Development Community	CRC presented Welcome Home! A real estate professionald Event to Celebrate Clean Water	Yes	Yes	11/14/2024	Public, real estate professionals	53
Commercial and Development Community	Hosted presentation on "Green Solutions for Channels and Headwall/Outlet Protection" with Trey Hightower and Robert Chandler of Jen-Hill on October 17th, 2024. 9 people attended the presentation.	No	Yes	10/17/2024	Engineers, developers, HOA/POA	9
Commercial and Development Community	Hosted presentation on "Best Practices for the Maintenance of Bioretention Areas and Permeable Pavement to Improve Water Quality" with Van Oldham of Evergreen Site Solutions	No	Yes	09/12/2024	Engineers, Developers, Homebuilders, HOAs/POAs	16

**Supporting Documentation for Activities described in this section.**

MS4 2024-2025 Annual Report - Hendersonville.pdf - 08/22/2025 02:47 PM

**Comment**

NONE PROVIDED

**Notes:**

NONE PROVIDED

### **MCM 3: Illicit Discharge Detection & Elimination (IDDE)**

**Is the storm sewer map available through Spatial Rest Services?**

No

**Attach Most Recent Copy of Storm Sewer Map in accordance with subpart 4.2.3**

Hendersonville MS4 Storm Sewer System Map\_36X48\_2025.pdf - 08/22/2025 03:11 PM

**Comment**

The City of Hendersonville maintains a GIS map of the storm sewer system through a consultant. The map is not available online at this time. Once maintenance and updates to the map are completed by the City of Hendersonville GIS Coordinator, the map will be available online.

**The number of potential illicit discharges reported by the public.**

5

**The number of potential illicit discharges reported by internal personnel.**

7

**Total number of potential Illicit discharges reported (from any source) that are under investigation at the time of the annual report.**

2

**Were all potential illicit discharges investigated within 7 days of receipt?**

Yes

**Number of identified illicit discharges**

12

**Were all initial enforcement actions on confirmed illicit discharges taken within seven (7) calendar days of the investigation?**

Yes

**Number of corrective actions plans received for confirmed illicit discharges.**

5

**Were all corrective actions plans reviewed in accordance with established procedures?**

Yes

#### **Significant Contributor of Pollutants to the MS4**

##### 1.3.3.2. Non-stormwater Discharges

The permittee is authorized to discharge the following non-stormwater sources provided that the permittee has not determined these sources to be significant contributors of pollutants to the MS4:

- Water line flushing
- Landscape irrigation

- Diverted stream flows
- Rising ground waters
- Uncontaminated groundwater infiltration (Infiltration is defined as water other than wastewater that enters a sewer system, including sewer service connections and foundation drains, from the ground through such means as defective pipes, pipe joints, connections, or manholes. Infiltration does include, and is distinguished from, inflow.)
- Uncontaminated pumped groundwater
- Discharges from potable water sources
- Foundation drains
- Air conditioning condensate
- Irrigation water
- Springs
- Water from crawl space pumps
- Footing drains
- Lawn watering
- Individual residential car washing
- Flows from riparian habitats and wetlands
- Dechlorinated swimming pool discharges
- Street wash water
- Discharges or flows from firefighting activities

#### Subpart 8.1 Definitions

Significant Contributor is defined as a source of pollutants where the volume, concentration, or mass of a pollutant in a stormwater discharge can cause or threaten to cause pollution, contamination, or nuisance that adversely impact human health or the environment and cause or contribute to a violation of any applicable water quality standards for receiving water.

**Total number of non-stormwater discharges or flows investigated.**

**Has the MS4 identified an allowable non-stormwater discharges from subpart 1.3.3.2 as a significant contributor of pollutants?**

No

**Number of non-stormwater discharges (Subpart 1.3.3.2) or flows identified as a significant contributor of pollutants to the MS4.**

0

**Were all non-stormwater discharges or flows identified as a significant contributor of pollutants to the MS4 investigated?**

Yes

## **MCM 4: Construction Site Stormwater Runoff Pollutant Control**

For reporting construction activities in this section, count all activities e.g., projects, sites that were active during the reporting period. It is understood that activities will overlap multiple reporting years. For example: If a project plan is submitted and reviewed in reporting year 1, that plan review will go only on the report for that year. If that same project begins construction in reporting year 2, it would be included in the year 2 report for active construction activity, but not the year 1 report. If a construction activity is terminated in the beginning of a reporting year before the first inspection for that reporting year is required, that activity may be left off the count.

**Identify if the regulatory mechanisms for construction site runoff control have been updated to be consistent with the CGP?**

In Effect

**Total number of active construction activities (or sites).**

60

**Number of new development and redevelopment projects reviewed in accordance with established policies and procedures.**

63

**Were all new development and redevelopment projects reviewed in accordance with the established policy and procedure?**

Yes

**Number of active non-priority construction activities.**

43

**Were all nonpriority active construction activities inspections conducted accordance with Stormwater Management Program.**

Yes

**Number of active priority construction activities.**

17

The question below is asking for the number of non-priority construction activities that the MS4 **DOES NOT** have all of the required information for which indicates an issue with the MS4's tracking system.

**Total number of active non-priority construction activities with incomplete inventory information.**

0

**Did all Priority Construction Activities have Pre-Construction meetings?**

Yes

**Were all priority Construction Activities inspected at least once per calendar month?**

Yes

## **MCM 5: Post Construction/ Permanent Stormwater Management**

**Has an offsite mitigation program or payment in lieu into a public stormwater fund been developed as outlined in subpart 4.2.5.3.?**

No

**Did all of the projects approved meet the buffer requirements of subpart 4.2.5.4?**

Yes

**Does the Stormwater Management Program implement alternative buffer widths?**

No

The 2009 scorecard can be found on TDEC's website.

[Water Quality Scorecard](#)

### **Scorecard**

*NONE PROVIDED*

### **Comment**

*NONE PROVIDED*

**Number of all new development and redevelopment projects reviewed.**

63

**Number of new development and redevelopment projects reviewed in accordance with the established policy and procedure.**

63

**Number of sites verified that 100% of SCMs are installed per design specifications in accordance with approved plan.**

6

**Were all SCMs verified to be installed per design specifications in accordance with approved plan within 90 days of installation?**

Yes

**Does the permittee have adequate legal authority as required by 4.2.5.7 for all SCMs installed?**

Yes

**Number of SCMs that have not been properly operated or maintained.**

4

Please Note: This question is asking for the number of SCM that have **NOT** been properly operated or maintained. These are going to be the SCMs with issues that require some action to return to proper operations such as maintenance or repairs.

**Have enforcement actions been taken in accordance with the appropriate legal authority or ERP?**

Yes

**Number of public requests for SCM inventory.**

0

**Are all SCMs in the inventory tracking system?**

Yes

**Do all SCMs in the inventory tracking system have complete information?**

Yes

#### **SCM inventory tracking system information**

[PostConstruction Stormwater Permits.xlsx - 08/26/2025 08:13 AM](#)

[Hendersonville Stormwater Asset Management Workbook.xlsx - 08/26/2025 08:14 AM](#)

[Little Sunshine Recorded IMA-LTMP 2025.07.31.pdf - 08/26/2025 08:14 AM](#)

[Little Sunshine SCM Certification Form.pdf - 08/26/2025 08:14 AM](#)

[Little Sunshine Jen Hill Letter.pdf - 08/26/2025 08:14 AM](#)

#### **Comment**

The City of Hendersonville uses Tyler Technologies Energov application to track SCMs. When a project is ready to be closed out, the City collects As-built documents, an asset management workbook excel sheet, and a PE SCM Certification. These documents along with the Stormwater Inspection and Maintenance Agreements/Long-Term Maintenance Plans are linked to a post construction permit (e.g., SW-123456-2025). The property owner will submit the annual report through this same system- the user end referred to as the Citizen Self Service Portal (CSS). I've included a spreadsheet with the post-construction permits in the system and an example of the documents collected and used to track SCMs.

### **MCM 6: Pollution Prevention/Good Housekeeping For Municipal Operations**

**Number of applicable Municipal Operations and Facilities under subpart 4.2.6.2.**

23

**Do all applicable Municipal Operations and Facilities have a O&M Facility Plan?**

Yes

**Number Municipal Operations Facilities NOT inspected in accordance with the Stormwater Management Program in the previous 12 months.**

0

## Stormwater Management Program Modification

**Have any municipal facilities covered under this permit been added during the reporting term?**

Yes

---

In the table below identify if any changes were made to your Stormwater Management Program during the reporting period.

For minor modifications that add, but neither subtract nor replace, components, controls, or requirements to the Stormwater Management Program provide a description of that modification. - See Subpart 4.4.1.1.a

For minor modifications that replace an ineffective or infeasible BMP, or SCM which is specifically identified in the Stormwater Management Program provide a description of the analysis of why the former BMP was ineffective or infeasible; Expectations on the effectiveness of the replacement BMP or SCM; and an analysis, if applicable, of why the replacement BMP or SCM will ensure the optimization of equipment use. a description of that modification. - See Subpart 4.4.1.1.e

For major modifications that subtract BMPs, SCMs, components, controls, or requirements of the Stormwater Management Program provide a description of the analysis of why the component was ineffective or infeasible; and detailed explanation of why, with the elimination of this component, the Stormwater Management Program will continue to achieve a reduction in pollutants to the MEP and shall not cause or contribute to violations of State water quality standards in the receiving stream. - See Subpart 4.4.1.2.a.

**Where any changes were made to the program elements during the reporting period?**

<b>Program Elements</b>	<b>Changes</b>	<b>Modifications that Add Components</b>	<b>Replaced an Ineffective or Infeasible BMP or SCM</b>	<b>Subtracted BMP, SCM, Components, Controls etc.</b>
MCM 1	No	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED
MCM 2	No	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED
MCM 3	No	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED
MCM 4	No	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED
MCM 5	No	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED
MCM 6	Yes	Addition of the Golf Course O&M Plan. Development of O&M Plan in progress	NONE PROVIDED	NONE PROVIDED
QLP	N/A	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED
Enforcement	No	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED
Monitoring & Program Evaluation	No	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED

**Other Program Changes not Identified above**

Update SWMP to reflect new LDP process and new LDP forms. Update of Post-Construction Forms in SWMP. Update organizational chart in SWMP.

**Summary Of Enforcement Actions**

Note: Non-traditional MS4s may not have legal authority to enforce one or more MS4 permit requirements. For example, a university campus regulated as a MS4 permittee or co-permittee may not have the legal authority to enforce MS4 permit requirements against another entity.

**Summary of Enforcement Actions Taken during the reporting year**

Action	IDDE	Construction	Permanent Stormwater/Post-Construction	Total
Verbal Warnings	4	263	1	268
Written Notice of Violation	7	134	4	145
Citations or Administrative Orders	0	0	0	0
Stop Work Orders	0	5	0	5
Withholding of Plan Approvals or Other Authorizations	0	5	0	5
Civil Penalties	0	4	0	4
Additional Measures	1	44	0	45
				Sum: 472

**Results Of Information Collected And Analyzed (Monitoring)**

**Was monitoring for the reporting year performed in accordance with either 4.6.1.1.1 (Option 1) or 4.6.1.1.2 (Option 2)?**

Yes

**Provide a summary describing the results of information collected and analyzed, including monitoring data (analytical and non-analytical), if any, during the reporting period. If no monitoring was completed, explain.**

Included is City of Hendersonville Benthic Report for 2025 and DWR Macroinvertebrate Taxa Report. Overall, the results from Center Point Branch indicated an improvement since the previous permit-cycle's sampling in 2020. Madison Creek's Tennessee Macroinvertebrate Index (TMI) score was the same as it was in 2020; however, it's habitat assessment score was higher which may indicate stable environmental conditions for the time being. Mansker Creek's habitat assessment score decreased from 2020 which may indicate a continued loss of habitat (i.e. streambank erosion and sedimentation; loss of riparian buffer).

Electronic Data Deliverable (EDD) Sheets (Field Stream Survey and Habitat Sheets, Macroinvertebrate Taxa Report, and the TDEC E. coli and Field Water Parameter Report) are in the section labelled Water Quality Assessment Publications as excel files.

For your convenience, links to the required standard templates for reporting the results of your monitoring data are provided below.

If you have any questions about EDD sheets please contact [tdec.watershedplanning@tn.gov](mailto:tdec.watershedplanning@tn.gov).  
[Publications](#)

**Attach results of all analytical and non-analytical monitoring data collected during this reporting period.**

[192-267 Hendersonville Benthic Report 2025.pdf - 08/19/2025 02:31 PM](#)

[1086 CEC Hendersonville wr\\_wpu\\_macroinvert\\_taxa\\_report\\_6.0.xlsx - 08/19/2025 02:31 PM](#)

**Comment**

NONE PROVIDED

## Legal Authority

Per subpart 4.7.1. The initial solicitor's (Attorney's) statement was required in the 2024 annual report for existing permittees and will be required in the third annual report for new permittees.

If modifications are made to the legal authority as required by subpart 4.7. a-f that necessitate a new evaluation by a solicitor, a new certification statement must be submitted. If you are unsure if a modification necessitates a new evaluation please contact the Division.

Per subpart 4.1.2. All updates to the legal authority (ordinances/resolutions et.) required by changes to the permit shall be fully implemented and adopted.

**Is this a new MS4 or have modifications been made to the legal authority that necessitate a new evaluation by a solicitor (attorney)?**

No

**Attach Legal Authority - Ordinances, Resolutions, etc**

[1. Signed construction and illicit discharge ordinances.pdf - 08/19/2025 02:35 PM](#)

[Signed Solicitors Certification-MS4.pdf - 08/19/2025 02:56 PM](#)

**Comment**

NONE PROVIDED

**Attach Legal Authority - Enforcement Response Plan and List or Table of Progressive Enforcement Actions**

[6. Enforcement Response Plan.pdf - 08/19/2025 02:36 PM](#)

**Comment**

NONE PROVIDED

## Stormwater Management Program Evaluation

### **Stormwater Management Program Evaluation**

In accordance with subpart 4.6.2. The permittee shall conduct an annual evaluation of the Stormwater Management Program to evaluate compliance with the terms and conditions of the permit, including the effectiveness of the BMPs, components, or controls of its stormwater management program, and the status of achieving the measurable requirements in the permit.

**Summarize the results of the permittee's annual evaluation of the current Stormwater Management Program.**

Stormwater staff met on 8/27/2025 to evaluate the current Stormwater Management Program effectiveness. Overall, the program is satisfying the requirements of each minimum control measure.

Staff evaluated the strengths and weaknesses of the stormwater management program determining MCMs 1, 2, and 4 to exceed program expectations. Areas of weakness were identified in MCMs 3, 5, and 6. These weaknesses are mainly due to staffing and resource limitations. For MCM 3, the program will work to have better communication with City-wide staff and the administration and share SOPs and expectations regarding illicit discharges. For MCM 5, staff are continuing to transition Post-Construction tracking and inspections to Tyler Technologies Energov application for ease of tracking SCMs, inspections, and long-term maintenance. For MCM 6, staff will continue to work with department heads to provide training to applicable staff and ensure proper implementation of department specific O&M Plans. Stormwater staff are thorough and very detail oriented. Each staff member is knowledgeable in federal, state and local regulations.

**Identify modifications or replacement of an ineffective activity/control measure/component/BMP.**

The SWMP will be updated to reflect the new land disturbance permitting process and incorporate the most current documents. Replace the organizational chart in the SWMP. Update Parks O&M Plan to include new facilities within the Parks.

**Summarize the assessment results, and any modifications and improvements scheduled to be implemented in the next reporting period to improve the program or remedy deficiencies or weaknesses**

MCM 1- Improve social media presence for stormwater education. Coordinate with Communications Team to develop a schedule to post stormwater educational information.

MCM 3- Continue Priority Area Inspections. Work internally with departments to ensure compliance with illicit discharge ordinance.

MCM 4- Modify inspection schedule to allow for IDDE complaint investigations and Priority Area inspections and associated follow ups.

MCM 5- Develop better communication on the front end about post-construction requirements and owner responsibilities. Ensure we are obtaining the appropriate contact information for long-term maintenance of SCMs.

MCM 6- Continue to work with department heads to provide training to applicable employees and follow the O&M Plans.

**Is MCM 1: Public Education and Outreach on Stormwater Impacts compliant with Permit Requirements?**

Yes

**Is MCM 2: Public Involvement/Participation compliant with Permit Requirements?**

Yes

**Is MCM 3: Illicit Discharge Detection and Elimination (IDDE) compliant with Permit Requirements?**

Yes

**Is MCM 4: Construction Site Stormwater Runoff Control compliant with Permit Requirements?**

Yes

**Is MCM 5: Post-Construction/Permanent Stormwater Management in New Development and Redevelopment compliant with Permit Requirements?**

Yes

**Is MCM 6: Pollution Prevention/Good Housekeeping compliant with Permit Requirements?**

Yes

**Is Monitoring Program (subpart 4.6.1.1) compliant with Permit Requirements?**

Yes

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The following questions are from subpart 5.2 Annual Report Requirements.

**Is the permittee compliant with the permit terms and conditions?**

Yes

This determination should be made as to the status of the program at the end of the reporting period and the requirements applicable at that date. For example, the permanent stormwater program changes are not required to be implemented until 24 months after the effective date of the permit. So if the MS4 has not yet implemented those changes at the first annual report, they would still be in compliance, if their program meets the previously established requirements.

**Please Explain**

Stormwater staff evaluated each MS4 Permit requirement and determined the program is compliant.

**Is the permittee relying on another governmental entity to satisfy some of the permit obligations?**

No

**Enter additional or clarifying information not elsewhere reported in this document.**

NONE PROVIDED

**Any other data specifically requested by the Division to substantiate statements and conclusions reached in the Annual Reports.**

Annual Stormwater Management Program Evaluation 2024-2025.pdf - 08/28/2025 06:19 AM

**Comment**

NONE PROVIDED

## Attachments

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Date	Attachment Name	Context	User
8/28/2025 6:19 AM	Annual Stormwater Management Program Evaluation 2024-2025.pdf	Attachment	Helen Morrison
8/26/2025 8:14 AM	Little Sunshine Recorded IMA-LTMP 2025.07.31.pdf	Attachment	Helen Morrison
8/26/2025 8:14 AM	Little Sunshine SCM Certification Form.pdf	Attachment	Helen Morrison
8/26/2025 8:14 AM	Little Sunshine Jen Hill Letter.pdf	Attachment	Helen Morrison
8/26/2025 8:14 AM	Hendersonville Stormwater Asset Management Workbook.xlsx	Attachment	Helen Morrison

Date	Attachment Name	Context	User
8/26/2025 8:13 AM	PostConstruction Stormwater Permits.xlsx	Attachment	Helen Morrison
8/22/2025 3:11 PM	Hendersonville MS4 Storm Sewer System Map_36X48_2025.pdf	Attachment	Helen Morrison
8/22/2025 2:47 PM	MS4 2024-2025 Annual Report - Hendersonville.pdf	Attachment	Helen Morrison
8/22/2025 2:44 PM	12-4-2024 Ordinance Revisions Sign In sheet.pdf	Attachment	Helen Morrison
8/22/2025 2:44 PM	10-17-2024 Sign In.pdf	Attachment	Helen Morrison
8/22/2025 2:44 PM	9-12-2024 Van Oldham Talk.pdf	Attachment	Helen Morrison
8/22/2025 2:33 PM	2024 Tax Bill Insert Flyer.pdf	Attachment	Helen Morrison
8/19/2025 2:56 PM	Signed Solicitors Certification-MS4.pdf	Attachment	Helen Morrison
8/19/2025 2:36 PM	6. Enforcement Response Plan.pdf	Attachment	Helen Morrison
8/19/2025 2:35 PM	1. Signed construction and illicit discharge ordinances.pdf	Attachment	Helen Morrison
8/19/2025 2:31 PM	192-267 Hendersonville Benthic Report 2025.pdf	Attachment	Helen Morrison
8/19/2025 2:31 PM	1086 CEC Hendersonville wr_wpu_macroinvert_taxa_report_6.0.xlsx	Attachment	Helen Morrison
8/19/2025 12:27 PM	SWMP Public Notice Webpage Screenshot.png	Attachment	Helen Morrison
8/19/2025 12:20 PM	MS4 2024-2025 Annual Report - Hendersonville.pdf	Attachment	Helen Morrison

## Status History

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	User	Processing Status
8/18/2025 1:15:25 PM	Helen Morrison	Draft
8/28/2025 6:39:51 AM	Helen Morrison	Signing

## Processing Steps

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Step Name	Assigned To/Completed By	Date Completed
Form Submitted		
Submission Deemed Complete		

## Agreements and Signature(s)

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### **SUBMISSION AGREEMENTS**

- I am the owner of the account used to perform the electronic submission and signature.
- I have the authority to submit the data on behalf of the facility I am representing.
- I agree that providing the account credentials to sign the submission document constitutes an electronic signature equivalent to my written signature.
- I have reviewed the electronic form being submitted in its entirety, and agree to the validity and accuracy of the information contained within it to the best of my knowledge.

*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 7.11.2 of the permit.*

*"I certify under penalty of law that I have personally examined and am familiar with the information submitted in the attached document; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."*

**Signed** Helen Morrison on 08/28/2025 at 6:40 AM  
**By**