

NPDES MS4 Annual Report

version 1.3

(Submission #: HPW-JMTD-WFJ4H, version 1)

Details

Originally Started By Helen Morrison

Submission ID HPW-JMTD-WFJ4H

MS4 Owner Name City of Hendersonville

Status Draft

Form Input

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

07/01/2022

Reporting Period End Date

06/30/2023

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 Last Name

Jamie Clary

Title

Mayor

Company Name

City of Hendersonville

Phone Type Number Extension

Business 615-822-1000

Email

jclary@hvilletn.org

Address

101 MAPLE DR N

HENDERSONVILLE, TN 37075

Designated MS4 Stormwater Management Program Contact

Prefix

Mrs.

First Name Last Name

Helen Morrison

Title

Stormwater Coordinator

Company Name

City of Hendersonville

Phone Type Number Extension

Business 615-590-4649

Email

hmorrison@hvilletn.org

Address

101 MAPLE DR N
HENDERSONVILLE, TN 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).

9

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

3

How many employees (that are new to the MS4 or new to the job category) have NOT been 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

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.

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
Public	Biodiversity of Local Waterways School Program for Indian Lake Elementary	Yes	No	Yes	Yes	3/2/2023	children and adults	125
Public	Pollution in waterways for Walton Ferry Elementary School	Yes	No	Yes	Yes	5/3/2023	children and adults	52
Public	Waterfest	Yes	Yes	Yes	Yes	6/23/2023	children and adults	270
Public	Tree Day Pre-Bundling	Yes	Yes	Yes	Yes	3/17/2023	adults	11
Public	Tennessee Tree Day Distributor	Yes	No	No	No	3/18/2023	homeowners	116
Public	Tennessee Tree Day Sponsorship	Yes	No	No	No	3/18/2023	homeowners	500
Public	Distribute Stormwater Flyers to all Property Owners in Hendersonville	Yes	Yes	Yes	Yes	10/1/2022	Public, homeowners, business owners	22000
Public	Presentation by CEC, Inc. on Lessons Learned and Best Practices for Land Disturbance Applications	Yes	Yes	No	Yes	2/13/2023	homeowners, business owners	45
Public	Creek Critters Program	Yes	No	No	Yes	05/17/2023	children and adults	17

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

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	Presentation by CEC, Inc. on Lessons Learned and Best Practices for Land Disturbance Applications	Yes	Yes	2/13/2023	Homebuilders, contractors, engineers	45
Engineering and Development Community	Tour and Presentation at Cumberland River Aquatic Center	Yes	Yes	4/12/2023	Engineers, developers, contractors	11
Engineering and Development Community	Distribute Stormwater Education Flyer to property owners in Hendersonville	Yes	Yes	10/01/2023	Engineers, homebuilders, developers in Hendersonville	22000

Supporting Documentation for Activities described in this section.

- [2022 Stormwater Flyer v2.pdf - 08/04/2023 07:06 AM](#)
- [Hendersonville Annual Report Year End June 30, 2023 \(1\).pdf - 08/04/2023 07:09 AM](#)
- [2023 Tennessee Tree Day List and Photos.pdf - 08/04/2023 07:15 AM](#)
- [Cumberland River Compact Education Plan cost redacted.pdf - 08/04/2023 07:25 AM](#)
- [Stormwater Webpage Info 2023.pdf - 08/09/2023 08:21 AM](#)

Comment

NONE PROVIDED

Notes:

The City of Hendersonville has partnered with the Cumberland River Compact for the next MS4 Permit cycle to provide stormwater educational programs to the public, HOAs/POAs, businesses, and the engineering and development communities. In addition to our partnership with CRC, the City maintains educational stormwater webpages. These webpages provide information, guidance, and resources for the MS4 permit minimum control measures. Stormwater webpage metrics have been uploaded. The City of Hendersonville mails a stormwater educational flyer to every property owner in the City annually. The flyer contains information about good housekeeping, pollution prevention, household hazardous waste management, and a variety of other water quality topics. Approximately 22,000 flyers are mailed each year.

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?

No

Provide a brief description of the public records request process.

Visit <https://www.hvilletn.org/i-want-to/request-information-records> and complete the applicable form(s). Submit the form with the required information to RecordsRequest@hvilletn.org.

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

No

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 during the reporting period received from the public via public reporting system (IDDE reports)?

4

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

9

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

3

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.

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

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Column Descriptions

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
General Public	Biodiversity of local waterways	Yes	Yes	Yes	Yes	3/2/2023	children and adults	125

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
General Public	Pollution in Waterways Presentation	Yes	Yes	Yes	Yes	5/2/2023	children and adults	52
General Public	Creek Criters Program	Yes	Yes	Yes	Yes	5/17/2023	children and adults	17
General Public	Tennessee Tree Day Pre-bundling	Yes	Yes	Yes	Yes	3/17/2023	adults	11
General Public	Tennessee Tree Day Distributor	Yes	Yes	No	No	3/18/2023	homeowners	116
General Public	Tennessee Tree Day Sponsor	Yes	Yes	No	No	3/18/2023	homeowners	500
General Public	Waterfest 2023	Yes	Yes	Yes	Yes	6/23/2023	adults and children	270
General Public	Presentation by CEC, Inc. on Lessons Learned and Best Practices for Land Disturbance Applications	Yes	Yes	Yes	Yes	2/13/2023	homeowners, commercial, developer, engineers	45
General Public	Distribute annual stormwater flyer to every property owner in Hendersonville.	Yes	Yes	Yes	Yes	10/01/2022	All property owners in Hendersonville	22000

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.

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

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

Column Descriptions

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 4.2.2.2.a Pollution Prevention Management Measure.)

Management Measure: Impacts on Water Quality (Select Yes if the activity listed in this row addressed the 4.2.2.2.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	Presentation by CEC, Inc. on Lessons Learned and Best Practices for Land Disturbance Applications	Yes	Yes	2/13/2023	homeowners, commercial and development community	45
Commercial and Development Community	Tour and Presentation of Cumberland River Aquatic Center	Yes	Yes	4/12/2023	commercial, engineering, development community	11
Commercial and Development Community	Distribute annual stormwater flyer to every property owner in Hendersonville.	Yes	Yes	10/1/2022	All property owners in Hendersonville. Private and public.	22000

Supporting Documentation for Activities described in this section.

NONE PROVIDED
Comment
 NONE PROVIDED

Notes:

NONE PROVIDED

MCM 3: Illicit Discharge Detection & Elimination (IDDE)

Is the storm sewer map available through Spatial Rest Services?

Yes

Provide location for Spatial Rest Service for Map Layer(s)

<https://hvilletn.maps.arcgis.com/apps/webappviewer/index.html?id=d47fbac3d1be411f8ec9a5de082e88e5>

The number of potential illicit discharges reported by the public.

13

The number of potential illicit discharges reported by internal personnel.

1

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

0

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.

3

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

Yes

Number of non-stormwater discharges or flows identified as a significant contributor of pollutants to the MS4.

0

Total number of non-stormwater discharges or flows investigated.

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.
46

Total number of active non-priority construction activities with incomplete inventory information.
0

Number of new development and redevelopment projects reviewed in accordance with established policies and procedures.
37

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

Number of active non-priority construction activities.
26

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

Number of active priority construction activities.
20

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

Were all priority Construction Activities inspected at least once per calendar month?
No

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?
No

Does the Stormwater Management Program implement alternative buffer widths?
No

Information on EPA's Water Quality Scorecard can be found on the EPA's website.
[Water Quality Scorecard Information](#)

The scorecard can be found on EPA's website.
[Water Quality Scorecard](#)

Scorecard
| NONE PROVIDED
Comment
| NONE PROVIDED

Number of all new development and redevelopment projects reviewed.
37

Number of new development and redevelopment projects reviewed in accordance with the established policy and procedure.
37

Number of sites verified that 100% of SCMs are installed per design specifications in accordance with approved plan.
0

Were all SCMs verified to be installed per design specifications in accordance with approved plan within 90 days of installation?
No

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.
0

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

No

Number of public requests for SCM inventory.

0

Are all SCMs in the inventory tracking system?

No

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

No

SCM inventory tracking system information

NONE PROVIDED

Comment

SCM inventory will be provided with the 2025 annual report.

MCM 6: Pollution Prevention/Good Housekeeping For Municipal Operations

Number of Municipal Operations Facilities under subpart 4.2.6.2.

19

Do all Municipal Operations 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.

2

Please note that this question is asking for the number of facilities NOT inspected during reporting period.

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?

Program Elements	Changes	Modifications that Add Components	Replaced an Ineffective or Infeasible BMP or SCM	Subtracted BMP, SCM, Components, Controls etc.
MCM 1	Yes	Contracted with the Cumberland River Contract to provide stormwater educational programming. The City will continue to sponsor and participate in other events.	NONE PROVIDED	NONE PROVIDED
MCM 2	Yes	Contracted with the Cumberland River Contract to provide stormwater educational programming. The City will continue to sponsor and participate in other events.	NONE PROVIDED	NONE PROVIDED
MCM 3	No	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED
MCM 4	No	NONE PROVIDED	NONE PROVIDED	NONE PROVIDED
MCM 5	Yes	In process of developing and implementing a compliant post-construction program. Added requirement to provide Perm. SCM IMA/LTMP and as-built to LDP closeout process. Working towards accomplishing the	NONE PROVIDED	NONE PROVIDED

Program Elements	Changes	Modifications that Add Components	Replaced an Ineffective or Infeasible BMP or SCM	Subtracted BMP, SCM, Components, Controls etc.
MCM 6	Yes	Addition of two facilities to existing O&M Plans	NONE PROVIDED	NONE PROVIDED
QLP	No	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

The City of Hendersonville is working with CEC, Inc. to conduct a review of the existing stormwater ordinance and stormwater management program. Stormwater ordinance and program updates will take place over the next year. Changes will be reported in accordance with Section 4.4.1.

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	354	0	358
Written Notice of Violation	5	28	0	33
Citations or Administrative Orders	0	0	0	0
Stop Work Orders	5	7	0	12
Withholding of Plan Approvals or Other Authorizations	0	0	0	0
Civil Penalties	0	2	0	2
Additional Measures	0	0	0	0
				Sum: 405

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.

Visual Stream Assessments were completed during the reporting period. The City hired CEC, Inc., to conduct all MS4 Permit required monitoring. The City evaluated the results of the assessments and will provide targeted education and outreach to impacted areas. All applicable areas will be evaluated for future improvement projects.

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

[Publications](#)

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

2023 VSA Report - City of Hendersonville (CEC Project 192-267)_r1.pdf - 08/07/2023 02:45 PM

Comment

NONE PROVIDED

Legal Authority

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

If modifications are made to the legal authority that necessitate a new evaluation by a solicitor, a new certification statement must be submitted.

Attach a signed solicitor's certification statement.

NONE PROVIDED

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.

The City of Hendersonville continues to make progress developing and implementing an MS4 Permit compliant post-construction /permanent stormwater management program. We are working with CEC, Inc. to complete updates to the stormwater ordinance and stormwater management program. Currently, the City has identified two program components in need of improvement. The permanent stormwater management minimum control measure, which the City has provided an approved Implementation Plan. The second component is Facility Operation and Maintenance Plans for applicable facilities

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

The City partnered with the Cumberland River Compact to satisfy the activity requirements set forth by the MS4 Permit.

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

After reviewing the annual report, the City will work with the Cumberland River Compact to fine tune the educational programming to satisfy the BMP requirements in the annual report. The City is undergoing a thorough review of the entire stormwater management program to update documents, ordinances, policies and procedures to be consistent with the MS4 permit. The City is modifying two existing O&M Plans to add two new facilities. Although the program is not specific to stormwater, the City established a Clean Team that focuses on litter clean-up and keeping Hendersonville clean. This initiative will have great impacts on water quality by reducing litter in stormwater.

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?

No

Please Explain

See implementation plan previously provided to TDEC.

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

No

Please Explain

The City is in the process of updating two O&M plans to add a new facility and one existing facility.

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

Yes

The following questions are from subpart 5.2 Annual Report Requirements.

Is the permittee compliant with the permit terms and conditions?

No

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

The City is in the process of modifying two existing O&M Plans to add one newly constructed facility and an existing facility.

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.

NONE PROVIDED

Comment

NONE PROVIDED

Attachments

Date	Attachment Name	Context	User
8/9/2023 8:21 AM	Stormwater Webpage Info 2023.pdf	Attachment	Helen Morrison
8/7/2023 2:45 PM	2023 VSA Report - City of Hendersonville (CEC Project 192-267)_r1.pdf	Attachment	Helen Morrison
8/4/2023 7:25 AM	Cumberland River Compact Education Plan cost redacted.pdf	Attachment	Helen Morrison
8/4/2023 7:15 AM	2023 Tennessee Tree Day List and Photos.pdf	Attachment	Helen Morrison
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