NPDES MS4 Annual Report

version 1.8

(Submission #: HQ5-6K4G-SYFJE, version 1)

Digitally signed by:
Entrust Certification Authority - L1K
Date: 2024.09.27 08:35:53 -05:00
Reason: Copy Of Record
Location: Nashville, Tennessee

Details

Submission ID HQ5-6K4G-SYFJE

MS4 Owner Name Bradley County

Form Input

General Information

Permit Number
TNS077771

MS4 Owner/Operator (e.g. City of ...)
Bradley County

County
Bradley

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
07/01/2023

Reporting Period End Date
06/30/2024

MS4 Population At NOI Submittal
25,001 = Population = 50,000

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

Prefix
Hon.

First Name	Last Name
Gary	*Davis*

Title
Mayor

Company Name
Bradley County

Phone Type	Number	Extension
Business	423-728-7141	

Email
gdavis@bradleycountytn.gov

Address
155 BROAD ST NW
CLEVELAND, TN 37311

Designated MS4 Stormwater Management Program Contact

Prefix
Mrs.

First Name **Last Name**
Sarah *Jenson*

Title
Stormwater Coordinator

Company Name
Bradley County

Phone Type **Number** **Extension**
Business 423-728-7102

Email
sjenson@bradleycountytn.gov

Address
155 BROAD ST NW
CLEVELAND, TN 37311

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).
1

In the Permit, the question below is phrased "How many employees (that are new to the MS4 or new to the job category) have NOT been educated in accordance with the in accordance with the permit sub-part 4.2.1.3 within 6 months?" In order to make this calculation, count how many employees are new to the MS4 or their Job Category. Subtract the number of employees that were trained in accordance with the PIE plan within 6 months. That result is what is reported in this field. If no employees with applicable job categories/responsibilities hired in this reporting cycle, enter 0.

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 25,001 = Population = 50,000 at NOI submittal was selected in the General Information Section. Per Subpart 4.2.1.1. the MS4 is required to conduct three (3) 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	Sponsored Activities
Public	CSTHEA (Chattanooga Southeast Tennessee Home Education Association) EXPO 7/14 & 7/15	Yes	No	No	Yes	07/14/2023	General community and home owners	680	N/A
Public	Olin Stream Cleanup 7/25 & 7/26	Yes	No	No	Yes	07/25/2023	General Community and home owners	8	N/A
Public	National Active & Retired Federal Employees	Yes	Yes	No	Yes	08/08/2023	General Community and home owners	15	N/A
Public	Master Gardeners at The Farmers Market-Peerless	Yes	No	No	Yes	08/12/2023	General Community and home owners	53	N/A
Public	TN Tree Day	Yes	Yes	No	Yes	03/20/2024	General Community and home owners	173	N/A
Public	Spring Household Hazardous Waste Day	Yes	No	Yes	Yes	03/23/2024	General Community and home owners	117	N/A
Public	Hot Slaw Festival	Yes	No	Yes	Yes	04/06/2024	General Community and home owners	186	N/A
Public	Charter Senior Living Stream Cleanup	Yes	Yes	Yes	Yes	04/15/2024	General Community and home owners	11	N/A
Public	Spring Stream Stream Cleanup	Yes	No	No	Yes	04/20/2024	General Community and home owners	14	N/A
Public	Spring 2024Tire Take Back	Yes	No	Yes	No	05/11/2024	General Community and home owners	133	N/A
Public	Fall 2023 Tire Recycling	Yes	Yes	Yes	Yes	09/16/2023	General Community and home owners	264	N/A
Public	Project WET	Yes	No	Yes	Yes	06/07/2024	Educators, and home owners	26	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	Conservation Camp	Yes	Yes	Yes	Yes	10/04/2024	Educators, Students, Home owners, and General public	454	N/A
Public	Fall 2023 River Rescue	Yes	Yes	Yes	Yes	10/07/2023	General Community and home owners	50	N/A
Public	Recycle Roundup	Yes	No	Yes	Yes	10/07/2023	General Community and home owners	1000	N/A
Public	Fall Household Hazardous Waste Day	Yes	No	Yes	Yes	10/14/2023	General Community and home owners	198	N/A
Public	Charleston Elementary Public Helpers visit	Yes	No	No	Yes	12/13/2023	General Community and home owners	38	N/A

A population of 25,001 = Population = 50,000 at NOI submittal was selected in the General Information Section. Per Subpart 4.2.1.2. the MS4 is required to conduct one (1) activity 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	Educational Email	Yes	Yes	07/19/2023	Engineering, Architects, Designer	22

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	Preconstruction meeting- Kugler Anatole subd.	Yes	Yes	11/30/2023	Developer, contractor, excavators, engineers.	1
Engineering and Development Community	Preconstruction Meeting Belcourt Subdivision	Yes	Yes	10/19/2023	Developer, contractor, excavators, engineers.	2
Engineering and Development Community	Preconstruction meeting Cleveland Fellowship Church	Yes	Yes	01/11/2024	Developer, contractor, excavators, engineers.	2
Engineering and Development Community	Preconstruction meeting Greystone/ Molot	Yes	Yes	11/20/2023	Developer, contractor, excavators, engineers.	1
Engineering and Development Community	Preconstruction Meeting Old Parksville Subdivision	Yes	Yes	10/20/2023	Developer, contractor, excavators, engineers.	2

Supporting Documentation for Activities described in this section.

studentscharleston12132023.jpg - 09/20/2024 10:10 AM
charleston12132023education.jpg - 09/20/2024 10:10 AM
EngineeringDevel_Letter7192023.pdf - 09/20/2024 10:12 AM
2024-03-23 Household Hazardous Waste Packet.pdf - 09/20/2024 10:16 AM
2024-03-16 Tennessee Tree Day Packet.pdf - 09/20/2024 10:16 AM
2023-07-25 Olin Stream cleanup packet.pdf - 09/20/2024 10:16 AM
2024-06-22 Main Street Cruisin Packet.pdf - 09/20/2024 10:16 AM
2024-04-15 Charter Senior Living Stream Cleanup Packet.pdf - 09/20/2024 10:16 AM
2023-10-14 Household Hazardous Waste Collection Day Packet.pdf - 09/20/2024 10:16 AM
2023-10-07 TN River Rescue Packet.pdf - 09/20/2024 10:16 AM
2024-05-11 Tire Take Back Day Packet.pdf - 09/20/2024 10:16 AM
2024-04-27 Main Street Cruisin Packet.pdf - 09/20/2024 10:16 AM
2024-06-07 Project WET Packet.pdf - 09/20/2024 10:16 AM
2023-10-06 Conservation Camp.pdf - 09/20/2024 10:16 AM
2023-08-12 Master Gardeners Event Packet.pdf - 09/20/2024 10:16 AM
2024-04-06 Hot Slaw festival Packet.pdf - 09/20/2024 10:16 AM
2024-04-20 Spring Stream Cleanup Packet.pdf - 09/20/2024 10:16 AM
2023-09-16 Tire Take Back Day Packet.pdf - 09/20/2024 10:16 AM
REcRoundupEmailFromAbbySchneider102023.pdf - 09/20/2024 10:17 AM
REcRoundupEmailtoBCEmployees09282023.pdf - 09/20/2024 10:17 AM
RR9 Charleston Event Flyer PDF.pdf - 09/20/2024 10:18 AM
REcRoundupResourcesFlyerFront.pdf - 09/20/2024 10:18 AM
REcRoundupResourcesFlyerBack.pdf - 09/20/2024 10:18 AM
REcycleRoundupHomeownersGuideBrochure.pdf - 09/20/2024 10:18 AM
REcycleRoundupHHWFlyer.pdf - 09/20/2024 10:18 AM
REcycleRoundupHomeownersGuideBrouchure(Inside).pdf - 09/20/2024 10:18 AM
REcycleRoundupHandout Bag.pdf - 09/20/2024 10:18 AM
1072023RecycleRoundupClevelandDailyBannerOnlineArticle.pdf - 09/20/2024 10:19 AM
1072023WVHSRecyclingRoundUpNewsPaperArticle.pdf - 09/20/2024 10:19 AM
BannerRecRoundupdata.pdf - 09/20/2024 10:19 AM
Oct 7 2023 - Cleveland TN _ Recycling Roundup Pre-Survey Results.pdf - 09/20/2024 10:19 AM
882023NARFE_OutreachTotalCount.pdf - 09/20/2024 10:21 AM
BCSW_HotSlawAgreement_22024.pdf - 09/20/2024 10:21 AM
1CSTHEA_Expo_72023.jpg - 09/20/2024 10:21 AM
CSTHEA_Expo_72023_Invitation.pdf - 09/20/2024 10:21 AM
6CSTHEA_Expo_72023.jpg - 09/20/2024 10:21 AM
3CSTHEA_Expo_72023.jpg - 09/20/2024 10:21 AM
2CSTHEA_Expo_72023.jpg - 09/20/2024 10:21 AM
5CSTHEA_Expo_72023.jpg - 09/20/2024 10:21 AM
4CSTHEA_Expo_72023.jpg - 09/20/2024 10:21 AM
Preconstruction meetings2022_2023.pdf - 09/26/2024 01:51 PM
Precon_1ac_commonplan_11172023.pdf - 09/26/2024 01:51 PM

Comment
NONE PROVIDED

Notes:
NONE PROVIDED

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://bradleycountytn.gov/departments/planning-inspections/stormwater/

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.
SW Review Ad 7.1.24-7.16.24.pdf - 09/26/2024 08:25 AM
Comment
NONE PROVIDED

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.
0

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)?
47

Provide the number of activities completed during the reporting year for the General Public (Subpart 4.2.2.1. of the permit).
17

Provide the number of activities completed during the reporting year for the Commercial and Development Community (Subpart 4.2.2.2. of the permit).
5

A population of 25,001 = Population = 50,000 at NOI submittal was selected in the General Information Section. Per Subpart 4.2.2.1. the MS4 is required to conduct three (3) 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	Sponsored Activities
General Public	CSTHEA (Chattanooga Southeast Tenessee Homeschool Educators Association)	Yes	Yes	No	Yes	07/14/2023	General Community and Home Owners	680	N/A
General Public	Olin Stream Cleanup 7/25 & 7/26	Yes	Yes	No	Yes	07/25/2023	General community, Commercial community (Olin employees) and home owners	8	N/A
General Public	National Active & Retired Federal Employees	Yes	Yes	Yes	Yes	08/08/2023	General community and home owners	15	N/A
General Public	Master Gardeners at the Farmers Market	Yes	Yes	No	Yes	08/12/2023	General community and home owners	53	N/A
General Public	TN Tree Day	Yes	Yes	No	Yes	03/20/2024	General community and home owners	173	N/A
General Public	Spring Household Hazardous Waste Day	Yes	Yes	Yes	Yes	03/23/2024	General community, Commercial community (Olin employees) and home owners	117	N/A
General Public	Hot Slaw Festival	Yes	Yes	Yes	Yes	04/06/2024	General community and home owners	186	N/A
General Public	Charter Senior Living Stream Clean up	Yes	Yes	Yes	Yes	04/15/2024	General community and home owners	11	N/A
General Public	Spring Stream Cleanup	Yes	Yes	Yes	Yes	04/20/2024	General community and home owners	14	N/A
General Public	Spring 2024 Tire Takeback	Yes	Yes	Yes	Yes	05/11/2024	General community, Commercial community (Olin employees) and home owners	133	N/A

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	Fall 2023 Tire Recycling	Yes	Yes	Yes	Yes	09/16/2023	General community, Commercial community (Olin employees) and home owners	264	N/A
General Public	Project WET	Yes	Yes	Yes	Yes	06/04/2024	Educators, Students, General community and home owners	26	N/A
General Public	Conservation Camp	Yes	Yes	Yes	Yes	10/04/2024	General community and home owners	454	N/A
General Public	Fall 2023 River Rescue	Yes	Yes	Yes	Yes	10/07/2023	General community and home owners	50	N/A
General Public	Recycle Roundup	Yes	Yes	Yes	Yes	10/07/2023	General community and home owners	1000	N/A
General Public	Fall Household Hazardous Waste Takeback	Yes	Yes	Yes	Yes	10/14/2023	General community, Commercial community (Olin employees) and home owners	198	N/A
General Public	Charleston Elementary Student Visit	Yes	Yes	Yes	Yes	12/13/2023	General community and home owners	38	N/A

A population of 25,001 = Population = 50,000 at NOI submittal was selected in the General Information Section. Per Subpart 4.2.2.2. the MS4 is required to conduct one (1) activity 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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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	Preconstruction meeting-Kugler	Yes	Yes	11/30/2023	Contractors, Excavators, Builders, Developers	1
Commercial and Development Community	Preconstruction Meeting-Belcourt Subdivision	Yes	Yes	10/19/2023	Contractors, Excavators, Builders, Developers	3
Commercial and Development Community	Preconstruction meeting Cleveland Fellowship Church	Yes	Yes	11/12/2024	Contractors, Excavators, Builders, Developers	2
Commercial and Development Community	Preconstruction meeting Greystone Subdivision	Yes	Yes	11/20/2023	Contractors, Excavators, Builders, Developers	1
Commercial and Development Community	Subdivision meeting Old Parksville Ridge Subdivision	Yes	Yes	10/20/2023	Contractors, Excavators, Builders, Developers	2

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?
No

Attach Most Recent Copy of Storm Sewer Map in accordance with subpart 4.2.3
BC_Outfalls_Stream Flow_11162022.pdf - 09/26/2024 10:49 AM
Comment
NONE PROVIDED

The number of potential illicit discharges reported by the public.
41

The number of potential illicit discharges reported by internal personnel.
5

Total number of potential Illicit discharges reported (from any source) that are under investigation at the time of the annual report.
046

Number of identified illicit discharges
0

Total number of non-stormwater discharges or flows investigated.
46

Has the MS4 identified an allowable non-stormwater dicharges from subpart 1.3.3.2 as a signficant contributer 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

Significant Contributor of Pollutants to the MS4

1.3.3.2. Non-stormwater Discharges

Section 8.2: 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 n 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.

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).
7

Number of new development and redevelopment projects reviewed in accordance with established policies and procedures.
5

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

Number of active non-priority construction activities.
7

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

Number of active priority construction activities.
0

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

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.
5

Number of new development and redevelopment projects reviewed in accordance with the established policy and procedure.
5

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

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
NONE PROVIDED

MCM 6: Pollution Prevention/Good Housekeeping For Municipal Operations

Number of applicable Municipal Operations and Facilities under subpart 4.2.6.2.
9

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?
No

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	No	Erosion Control Day was not facilitated by TNSA this year. Education for engineering and development community took place during pre-construction meetings, via email, and mail.	N/A	N/A
MCM 2	No	Erosion Control Day was not facilitated by TNSA this year. Education for engineering and development community took place during pre-construction meetings, via email, and mail.	N/A	N/A
MCM 3	Yes	The new Stormwater Policy (regulatory mechanism) was approved and became effective 8/19/2024.	N/A	N/A
MCM 4	Yes	The new Stormwater Policy (regulatory mechanism) was approved and became effective 8/19/2024.	N/A	N/A
MCM 5	Yes	The new Stormwater Policy (regulatory mechanism) was approved and became effective 8/19/2024.	N/A	N/A
MCM 6	No	N/A	N/A	N/A
QLP	N/A	N/A	N/A	N/A
Enforcement	Yes	The new Stormwater Policy (regulatory mechanism) was approved and became effective 8/19/2024.	N/A	N/A
Monitoring & Program Evaluation	Yes	Option II plan was modified with the assistance of CEC. The option II plan was approved by TDEC on 9/9/2024.	N/A	N/A

Other Program Changes not Identified above
Documentation ceased in the MS4 web program due to software program termination beyond our control. Documentation will be implemented in a new software program.

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	0	6	0	6
Written Notice of Violation	0	4	0	4
Citations or Administrative Orders	0	0	0	0
Stop Work Orders	0	0	0	0
Withholding of Plan Approvals or Other Authorizations	0	0	0	0
Civil Penalties	0	0	0	0
Additional Measures	0	0	0	0
				Sum: 10

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)?
No

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.
Monitoring data was completed in previous reporting years.

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

Legal Authority

Per subpart 4.7.1.The initial solicitor's statement is 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.
Per subpart 4.1.2. All updates to the legal authority (ordinances/resolutions etc.) required by changes to the permit shall be fully implemented and adopted.

Attach a signed solicitor&#xfffd;s certification statement.
7102024_Solicitors Certification_Legal Authority.pdf - 09/26/2024 02:40 PM
Comment
NONE PROVIDED

In order to facilitate the review of the legal authority, please indicate if you used the 2023 MTAS MS4 Model Ordinance?
Construction Stormwater
Illicit Discharge Detection
Permanent Stormwater/Post-Construction

Attach Legal Authority - Ordinances, Resolutions, etc
BC_Stormwater Policy_07242024Final.pdf - 09/26/2024 02:48 PM
Comment
NONE PROVIDED

Attach Legal Authority - Enforcement Response Plan and List or Table of Progressive Enforcement Actions
2024-34 Adopting Stormwater Management approved 8.19.2024.pdf - 09/26/2024 02:49 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&#xfffd;s annual evaluation of the current Stormwater Management Program.
We have a created a robust Public Outreach, Education, and Involvement program with many activities and opportunities for the public to be involved.
We have a healthy partnership with Hamilton County and the City of Cleveland Stormwater Programs. Together our outreach is very effective.

Identify modifications or replacement of an ineffective activity/control measure/component/BMP.
Add a QR code to public event tables to encourage signup for an events notification list.
Distribute HOA brochures, Homeowners guide to clean water, and Pool brochure to all HOA's.
Increase social media education geared toward construction site runoff, excavators, and general contractors. With an emphasis on highlighting good and bad construction situations.
Include QR Code on all contractor education materials to direct them to social media and website.
Develop and distribute SCM Maintenance education materials and distribute.

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
We plan to implement the above mentioned modifications to increase education via social media, as well as to educate the general public.

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

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
NONE PROVIDED

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

Agreements and Signature(s)

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 lawthat 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 By

Sarah Jenson on 09/26/2024 at 3:10 PM

D. Gary Davis on 09/27/2024 at 8:35 AM