

NPDES MS4 Annual Report

version 1.6

(Submission #: HPW-1A80-789G7, version 1)

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Details

Submission ID HPW-1A80-789G7

MS4 Owner Name City of Springfield

Form Input

General Information

Permit Number

TNS077640

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

City of Springfield

County

Robertson

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

10,001 = Population = 25,000

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

Prefix

Hon.

First Name Last Name

Ann *Schneider*

Title

Mayor

Company Name

City of Springfield

Phone Type Number Extension

Business 615-382-2200

Email

ann.schneider@springfieldtn.gov

Address

405 N MAIN ST
SPRINGFIELD, TN 37172

Designated MS4 Stormwater Management Program Contact

Prefix

Mr.

First Name Last Name

Kenny Morris

Title

Stormwater Coordinator

Company Name

City of Springfield

Phone Type Number Extension

Business 615-469-4336

Email

kenny.morris@springfieldtn.gov

Address

2809 CLINARD DR
SPRINGFIELD, TN 37172

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).

4

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

0

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

i A population of 10,001 = Population = 25,000 at NOI submittal was selected in the General Information Section. Per Subpart 4.2.1.1. the MS4 is required to conduct one (1) activity 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	First Friday Night Event Booth	Yes	No	No	No	9/2/2022	General Public	262	N/A
Public	Detention Pond Maintenance	Yes	Yes	No	No	4/17/2023	Privately owned SCM's	38	N/A
Public	HHW Collection Event	Yes	No	Yes	Yes	5/13/2023	General Public	25	Donation in kind
Public	TNSA Social Media Campaign	Yes	No	Yes	Yes	7/5/2022	General Public	18780	N/A

i A population of 10,001 = Population = 25,000 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 permit term 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
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Supporting Documentation for Activities described in this section.

2022-2023_TNSA_SMC_Results.pdf - 07/17/2023 11:09 AM

Comment

The TNSA social media ad campaign is an annual subscription-based program offered to TNSA members. The campaign is hosted on Facebook and Instagram. The campaign consists of 24 ads which change bi-weekly, related to the season and activities for that month. MS4 participants have a link on the new TNSA Social Media website page where residents can access local information with their area. The ads are featured in the Facebook feed, when clicked on it will take them to the TNSA website where participating MS4's will have a link to their Facebook page or website. The program runs from July 1-June 30.

Notes:

Per Subpart 4.2.1.2 an MS4 with a population of 10,001 = Population = 25,000 at NOI submittal is required to conduct two (2) activities during the permit term addressing each of the two (2) management measures for the Engineering and Development Community.

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.

Public Records may be requested through the City of Springfield Public Records Request Coordinator at publicrecordsrequest@springfield-tn.org

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

No

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

2

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

5

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

2

i A population of 10,001 = Population = 25,000 at NOI submittal was selected in the General Information Section. Per Subpart 4.2.2.1. the MS4 is required to conduct one (1) activity 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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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 4.2.2.1.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	First Friday Night event booth	Yes	No	No	No	09/02/2022	General Public	262	N/A
General Public	SCM Maintenance	No	Yes	No	No	12/14/2022	SCM Owners	2	N/A
General Public	Community Leader Engagement	Yes	Yes	No	Yes	02/22/2023	Local business owners	18	N/A
General Public	Adopt-a-street Clean-up event	Yes	Yes	No	Yes	03/18/2023	General Public	20	N/A
General Public	HHW Collection event	Yes	Yes	Yes	Yes	05/13/2023	General Public	25	Donation in kind

i A population of 10,001 = Population = 25,000 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 permit term 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.

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: 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	Stormwater Guidance for single family home construction	Yes	No	07/05/2022	Home builders	53
Commercial and Development Community	Pre-construction conference	Yes	Yes	7/7/2022	Commercial builders	52

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://neel-schaffer.maps.arcgis.com/apps/PublicInformation/index.html?appid=f01c371c36a24c7e826c5d18ce4fdfca>

The number of potential illicit discharges reported by the public.

2

The number of potential illicit discharges reported by internal personnel.

10

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

11

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.

0

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?

Under Development

Please provide more details on the development process

The existing ordinance is under revision. It is currently in the first phase of legal review.

Please provide estimated completion date

06/30/2024

Total number of active construction activities.

30

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.

8

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

Yes

Number of active non-priority construction activities.

20

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

Yes

Number of active priority construction activities.

10

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

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.

8

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

8

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

3

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?

No

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

8

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

The existing ordinance is under revision. The revised ordinance will strengthen the City's ability to take enforcement actions. The revision is currently in the first phase of legal review. SCM inventory is in progress.

MCM 6: Pollution Prevention/Good Housekeeping For Municipal Operations

Number of Municipal Operations Facilities under subpart 4.2.6.2.

1

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.

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	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	No	NONE PROVIDED	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

NONE PROVIDED

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	1	0	5
Written Notice of Violation	2	8	13	23
Citations or Administrative Orders	0	0	0	0
Stop Work Orders	0	2	0	2
Withholding of Plan Approvals or Other Authorizations	0	0	0	0
Civil Penalties	0	0	0	0
Additional Measures	0	0	0	0
				Sum: 30

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.

N/A

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 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.

Program meeting minimum requirements.

Need to initiate first phase of monitoring.

Seek out public engagement opportunities.

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

Improve public access to construction projects.

Update storm sewer map.

Develop SOP for permanent SCM's.

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

Update ordinance, PIE Plan, SOP's, and ERP to align with new permit.

Present SWMP to public for review and comment.

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 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
By Ryan Martin on 09/13/2023 at 12:59 PM