

City of Shorewood MS4 Annual Report for 2018

Reporting period: January 1, 2018 to December 31, 2018

Due: June 30, 2019

Instructions: Complete this annual report to provide a summary of your activities under the 2013 MS4 Permit (Permit) between January 1, 2018 and December 31, 2018. MPCA staff may contact you for additional information.

Fillable document available at https://stormwater.pca.state.mn.us/index.php?title=MS4_Annual_Report (for personal use only, not for submittal).

Questions: Contact Cole Landgraf (cole.landgraf@state.mn.us, 651-757-2880)

MS4 General Contact Information

Full name	Larry Brown
Title	Public Works Director
Mailing address	5755 Country Club Road
City	Shorewood
State	Minnesota
Zip code	55331
Phone	952-960-7900
Email	lbrown@shorewoodpw.com

Preparer Contact Information (if different from the MS4 General Contact)

Full name	Paul Johnson
Title	Environmental Compliance Specialist
Organization	WSB
Mailing address	701 Xenia Ave South, Suite 300
City	Minneapolis
State	MN
Zip code	55416
Phone	763-762-2854
Email	pjohnson@wsbeng.com

MCM 1: Public Education and Outreach

The following questions refer to Part III.D.1. of the Permit.

- Q2 Did you select a stormwater-related issue of high priority to be emphasized during this Permit term? [Part III.D.1.a.(1)]
- Yes
 No
- Q3 What is your stormwater-related issue(s)? Check all that apply.
- TMDL(s)
 Local businesses
 Residential BMPs
 Pet waste
 Yard waste
 Deicing materials
 Household chemicals
 Construction activities
 Post-construction activities
 Other
- Q4 Have you distributed educational materials or equivalent outreach to the public focused on illicit discharge recognition and reporting? [Part III.D.1.a.(2)]
- Yes
 No
- Q5 Do you have an implementation plan as required by the Permit? [Part III.D.1.b.]
- Yes
 No
- Q6 How did you distribute educational materials or equivalent outreach? Check all that apply and provide circulation/audience associated with each item. [Part III.D.1.a.]
- Brochure
 Newsletter
 Utility bill insert
 Newspaper ad
 Radio ad
 Television ad
 Cable access channel
 Stormwater-related event
 School presentation or project
 Website
 Other (1)
 Other (2)
 Other (3)

Q7 Intended audience? Check all that apply.

	Residents	Local Businesses	Developers	Students	Employees	Other
Brochure	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Newsletter	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Utility bill insert	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Website	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>




Q8 Enter the total circulation/audience (if unknown, use best estimate):

Brochure	1500
Newsletter	1500
Utility bill insert	1500
Website	2800

Provide a brief description of each activity related to public education and outreach (e.g. rain garden workshop, school presentation, public works open house) held and the date each activity was held from January 1, 2018 to December 31, 2018. [Part III.D.1.c.(4)]

Q9 Date of activity

Q10 Description of activity

Date (mm/dd/yyyy)	5/19/2018	Spring Cleanup Day
Date (mm/dd/yyyy)	3/10/2018	Spring Garden Fair
Date (mm/dd/yyyy)		
Date (mm/dd/yyyy)		
Date (mm/dd/yyyy)		
Date (mm/dd/yyyy)		
Date (mm/dd/yyyy)		
Date (mm/dd/yyyy)		

Q11 Between January 1, 2018 and December 31, 2018, did you modify your BMPs, measurable goals, or future plans for your public education and outreach program? [Part IV.B.]

- Yes
 No

Describe those modifications:

Public Participation and Outreach - Annual Public Meeting was changed to active webpage for public participation and comments on SWPPP.

MCM 2: Public Participation/Involvement

The following questions refer to Part III.D.2.a. of the Permit.

Q12 You must provide a minimum of one opportunity each year for the public to provide input on the adequacy of your Stormwater Pollution Prevention Program (SWPPP). Did you provide this opportunity between January 1, 2018 and December 31, 2018? [Part III.D.2.a.(1)]

- Yes
 No

Q13 What was the opportunity that you provided? Check all that apply.

- Public meeting
 Public event
 Other

Q16 Other

Describe:

SWPPP was submitted on Active Webpage link for public comment this year.

Enter the date of this action

12/12/2018

(mm/dd/yyyy):

Enter the number of citizens that attended and were informed about your SWPPP:

0

Q17 Between January 1, 2018 and December 31, 2018, did you receive any input regarding your SWPPP?

- Yes
 No

Q19 Between January 1, 2018 and December 31, 2018, did you modify your BMPs, measurable goals, or future plans for your public participation/involvement program? [Part IV.B.]

- Yes
 No

Describe those modifications:

Yes, we developed an active link to the SWPPP on the webpage for public participation and comment.

MCM 3: Illicit Discharge Detection and Elimination

The following questions refer to Part III.D.3. of the Permit.

Q20 Do you have a regulatory mechanism which prohibits non-stormwater discharges to your MS4? [Part III.D.3.b.]

- Yes
 No

Q21 Did you identify any illicit discharges between January 1, 2018 and December 31, 2018? [Part III.D.3.h.(4)]

- Yes
 No

Q22 Enter the number of illicit discharges detected:

3

Q23 How did you discover these illicit discharges? Check all that apply and enter the number of illicit discharges discovered by each category.

- Public complaint
 Staff

Q25 Enter the number discovered by staff:

3

Q26 Did any of the discovered illicit discharges result in an enforcement action (this includes verbal warnings)?

- Yes
 No

Q30 Do you have written Enforcement Response Procedures (ERPs) to compel compliance with your illicit discharge regulatory mechanism(s)? [Part III.B.]

- Yes
 No

Q31 Between January 1, 2018 and December 31, 2018, did you train all field staff in illicit discharge recognition (including conditions which could cause illicit discharges) and reporting illicit discharges for further investigations? [Part III.D.3.e.]

- Yes
- No

Q32 How did you train your field staff? Check all that apply.

- Email
- PowerPoint
- Presentation
- Video
- Field Training
- Other

The following questions refer to Part III.C.1. of the Permit.

Q33 Did you update your storm sewer system map between January 1, 2018 and December 31, 2018? [Part III.C.1.]

- Yes
- No

Q34 Does your storm sewer map include all pipes 12 inches or greater in diameter and the direction of stormwater flow in those pipes? [Part III.C.1.a.]

- Yes
- No

Q35 Does your storm sewer map include outfalls, including a unique identification (ID) number and an associated geographic coordinate? [Part III.C.1.b.]

- Yes
- No

Q36 Does your storm sewer map include all structural stormwater BMPs that are part of your MS4? [Part III.C.1.c.]

- Yes
- No

Q37 Does your storm sewer map include all receiving waters? [Part III.C.1.d.]

- Yes
- No

Q38 In what format is your storm sewer map available?

- Hardcopy only
- GIS
- CAD
- Other

Q39 Between January 1, 2018 and December 31, 2018, did you modify your BMPs, measurable goals, or future plans for your illicit discharge detection and elimination (IDDE) program? [Part IV.B.]

- Yes
 No

MCM 4: Construction Site Stormwater Runoff Control

The following questions refer to Part III.D.4. of the Permit.

Q40 Do you have a regulatory mechanism that is at least as stringent as the Agency's general permit to Discharge Stormwater Associated with Construction Activity (CSW Permit) No. MN R100001 (<http://www.pca.state.mn.us/index.php/view-document.html?gid=18984>) for erosion and sediment controls and waste controls? [Part III.D.4.a.]

- Yes
 No

Q41 Have you developed written procedures for site plan reviews as required by the Permit? [Part III.D.4.b.]

- Yes
 No

Q42 Have you documented each site plan review as required by the Permit? [Part III.D.4.f.]

- Yes
 No

Q43 Enter the number of site plan reviews conducted for sites an acre or greater of soil disturbance between January 1, 2018 and December 31, 2018:

2

Q44 What types of enforcement actions do you have available to compel compliance with your regulatory mechanism? Check all that apply and enter the number of each used from January 1, 2018 to December 31, 2018.

- Verbal warnings
 Notice of violation
 Administrative orders
 Stop-work orders
 Fines
 Forfeit of security of bond money
 Withholding of certificate of occupancy
 Criminal actions
 Civil penalties
 Other

Enter the number of verbal warnings issued:

4

Enter the number of notice of violations issued:

0

Enter the number of stop-work orders issued:

0

Enter the number of withholdings of certificate of occupancy issued:

0

Q45 Do you have written Enforcement Response Procedures (ERPs) to compel compliance with your construction site stormwater runoff control regulatory mechanism(s)? [Part III.B.]

- Yes
 No

Q46 Enter the number of active construction sites an acre or greater that were in your jurisdiction between January 1, 2018 and December 31, 2018:

3

Q47 Do you have written procedures for identifying priority sites for inspections? [Part III.D.4.d.(1)]

- Yes
 No

Q48 How are sites prioritized for inspections? Check all that apply.

- Site topography
 Soil characteristics
 Types of receiving water(s)
 Stage of construction
 Compliance history
 Weather conditions
 Citizen complaints
 Project size
 Other

Q49 Do you have a checklist or other written means to document site inspections when determining compliance? [Part III.D.4.d.(4)]

- Yes
 No

Q50 Enter the number of site inspections conducted for sites an acre or greater between January 1, 2018 and December 31, 2018:

23

Q51 Enter the frequency at which site inspections are conducted (e.g. daily, weekly, monthly): [Part III.D.4.d.(2)]

Weekly and monthly

Q52 Enter the number of trained inspectors that were available for construction site inspections between January 1, 2018 and December 31, 2018:

2

Q53 Provide the contact information for the inspector(s) and/or organization that conducts construction stormwater inspections for your MS4. List your primary construction stormwater contact first if you have multiple inspectors.

(1)

Inspector name

Organization

Phone (Office)

Phone (Work Cell)

Email

Preferred contact method

(2)

Inspector name

Organization

Phone (Office)

Phone (Work Cell)

Email

Preferred contact method

(3)

Inspector name

Organization

Phone (Office)

Phone (Work Cell)

Email

Preferred contact method

Q54 What training did inspectors receive? Check all that apply.

- University of Minnesota Erosion and Stormwater Management Certification Program
- Qualified Compliance Inspector of Stormwater (QCIS)
- Minnesota Laborers Training Center Stormwater Pollution Prevention Plan Installer or Supervisor
- Minnesota Utility Contractors Association Erosion Control Training
- Certified Professional in Erosion and Sediment Control (CPESC)
- Certified Professional in Stormwater Quality (CPSWQ)
- Certified Erosion, Sediment and Storm Water Inspector (CESSWI)
- Other

Q55 Between January 1, 2018 and December 31, 2018, did you modify your BMPs, measurable goals, or future plans for your construction site stormwater runoff control program? [Part IV.B.]

- Yes
- No

MCM 5: Post-Construction Stormwater Management

The following questions refer to Part III.D.5. of the Permit.

Q56 Do you have a regulatory mechanism which meets all requirements as specified in Part III.D.5.a. of the Permit?

- Yes
- No

Q57 What approach are you using to meet the performance standard for Volume, Total Suspended Solids (TSS), and Total Phosphorus (TP) as required by the Permit? [Part III.D.5.a.(2)]

Check all that apply.

Refer to the link <http://www.pca.state.mn.us/index.php/view-document.html?gid=17815> for guidance on stormwater management approaches.

- Retain a runoff volume equal to one inch times the area of the proposed increase of impervious surfaces on-site
- Retain the post-construction runoff volume on site for the 95th percentile storm
- Match the pre-development runoff conditions
- Adopt the Minimal Impact Design Standards (MIDS)
- An approach has not been selected
- Other method (Must be technically defensible--e.g. based on modeling, research and acceptable engineering practices)

Q58 Do you have written Enforcement Response Procedures (ERPs) to compel compliance with your post-construction stormwater management regulatory mechanism(s)? [Part III.B.]

- Yes
- No

Q59 Between January 1, 2018 and December 31, 2018, did you modify your BMPs, measurable goals, or future plans for your post-construction stormwater management program? [Part IV.B.]

- Yes
 No

MCM 6: Pollution Prevention/Good Housekeeping for Municipal Operations

The following questions refer to Part III.D.6. of the Permit.

Q60 Enter the total number of structural stormwater BMPs, outfalls (excluding underground outfalls), and ponds within your MS4 (exclude privately owned).

Structural stormwater BMPs	<input type="text" value="0"/>
Outfalls	<input type="text" value="96"/>
Ponds	<input type="text" value="13"/>

Q61 Enter the number of structural stormwater BMPs, outfalls (excluding underground outfalls), and ponds that were inspected from January 1, 2018 to December 31, 2018 within your MS4 (exclude privately owned). [Part III.D.6.e.]

Structural stormwater BMPs	<input type="text" value="0"/>
Outfalls	<input type="text" value="96"/>
Ponds	<input type="text" value="13"/>

Q62 Have you developed an alternative inspection frequency for any structural stormwater BMPs, as allowed in Part III.D.6.e.(1) of the Permit?

- Yes
 No

Q63 Based on inspection findings, did you conduct any maintenance on any structural stormwater BMPs? [Part III.D.6.e.(1)]

- Yes
 No

Q64 Briefly describe the maintenance that was conducted:

Q65 Do you own or operate any stockpiles, and/or storage and material handling areas? [Part III.D.6.e.(3)]

- Yes
 No

Q66 Did you inspect all stockpiles and storage and material handling areas quarterly?
[Part III.D.6.e.(3)]

- Yes
 No

Q67 Based on inspection findings, did you conduct maintenance at any of the stockpiles and/or storage and material handling areas?

- Yes
 No

Q68 Briefly describe the maintenance that was conducted:

Sweeping and containment

Q69 Between January 1, 2018 and December 31, 2018, did you modify your BMPs, measurable goals, or future plans for your pollution prevention/good housekeeping for municipal operations program? [Part IV.B.]

- Yes
 No

Partnerships

Q78 Did you rely on any other regulated MS4s to satisfy one or more Permit requirements?

- Yes
 No

Additional Information

If you would like to provide any additional files to accompany your annual report, use the space below to upload those files. For each space, you may attach one file. You may provide additional explanation and/or information in an email with the subject *YourMS4NameHere_2018AR* to ms4permitprogram.pca@state.mn.us.

Q80 Click the "up arrow" icon below to upload a file. When it has uploaded successfully, a unique ID will appear in the box. Only files less than 10 MB in size will upload.



Q81 Click the "up arrow" icon below to upload a file. When it has uploaded successfully, a unique ID will appear in the box. Only files less than 10 MB in size will upload.



Q82 Click the "up arrow" icon below to upload a file. When it has uploaded successfully, a unique ID will appear in the box. Only files less than 10 MB in size will upload.



Q83 Optional, describe the file(s) uploaded:

Owner or Operator Certification

The person with overall administrative responsibility for SWPPP implementation and Permit compliance must certify this MS4 Annual Report. This person must be duly authorized and should be either a principal executive (i.e., Director of Public Works, City Administrator) or ranking elected official (i.e., Mayor, Township Supervisor).

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete (Minn. R. 7001.0070). I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment (Minn. R. 7001.0540).

Yes

By typing my name in the following box, I certify the above statements to be true and correct, to the best of my knowledge, and that information can be used for the purpose of processing my MS4 Annual Report.

Name:

Title:

Date:
(mm/dd/yyyy)

When you are ready to submit, you must click the 'Submit' button at the bottom of this page.

Provide the email(s) of the individual(s) you would like to receive the MS4 Annual Report for 2018 submittal confirmation email from the MPCA. After you click the Submit button below, please allow up to three business days to receive this email.

Email (1)	<input type="text" value="lbrown@ci.shorewood.mn.us"/>
Email (2)	<input type="text" value="afauske@wsbeng.com"/>
Email (3)	<input type="text" value="pjohnson@wsbeng.com"/>

Print or save a copy of your completed MS4 Annual Report for 2018 for your records. The MPCA will email a PDF of your MS4 Annual Report for 2018 information in a confirmation email within three business days after you submit this form to the email(s) you provided above.

You may print a copy of the MS4 Annual Report for 2018 for your records by pressing the 'Print' button at the bottom of the page.

Additionally, it is possible to save a PDF copy of the MS4 Annual Report for 2018 if you are working on a computer with OneNote (a program often included in Microsoft Office packages). Detailed saving instructions are available at stormwater.pca.state.mn.us/index.php/Guidance_for_saving_MS4_annual_reports.

If you have any questions, contact MPCA staff Cole Landgraf (cole.landgraf@state.mn.us, 651-757-2880).