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Before you begin...

A fillable Microsoft Word document with all of the questions is available at https://stormwater.pca.state.mn.us/index.php?title=MS4_Annual_Report (for personal use only, not for submittal).

The MS4 Annual Report for 2019 will automatically save your answers when you hit the 'Next' button at the bottom of each page.

If you wish to leave the MS4 Annual Report for 2019 and complete the document at another time, you may do so by clicking 'Next' at the bottom of your current page to save your progress before exiting the document. Return to the survey by following the previously used web link, and again login using your email and assigned password credentials. Once you successfully log in, your previous answers will appear.

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MS4 Annual Report for 2019

Reporting period: January 1, 2019 to December 31, 2019

Due: June 30, 2020

Instructions: Complete this annual report to provide a summary of your activities under the 2013 MS4 Permit (Permit) between January 1, 2019 and December 31, 2019. 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	Matt Unmacht
Title	Water Resources Coordinator
Mailing address	7700 Market Boulevard, PO Box 147
City	Chanhassen
State	Minnesota
Zip code	55417
Phone	952-227-1168
Email	MUnmacht@ci.chanhassen.mn.us

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

Full name	
Title	
Organization	
Mailing address	
City	
State	
Zip code	
Phone	
Email	

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

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)

Other (1), describe:

Other (2), describe:

Q7 Intended audience? Check all that apply.

	Residents	Local Businesses	Developers	Students	Employees	Other
Newsletter	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Stormwater-related event	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
School presentation or project	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Website	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (2)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

Newsletter	26,000
Stormwater-related event	115
School presentation or project	470
Website	520
Other (1)	90,000
Other (2)	550

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, 2019 to December 31, 2019. [Part III.D.1.c.(4)]

Q9 Date of activity

Q10 Description of activity

Date (mm/dd/yyyy) 11/15/2019

Bluff Creek Elementary STEM Festival on Nov. 15th. Presented to three classes on watersheds and how precipitation changes stream flow

Date (mm/dd/yyyy) 1/1/2019

Water Column: A monthly newspaper column covering many topics surrounding water quality, conservation, ecology, stormwater runoff and more.

Date (mm/dd/yyyy) 1/1/2019

CCWMO Online Newsletter: Contains info on activities, events, opportunities, and announcements.

Date (mm/dd/yyyy) 8/7/2019

Carver County Fair August 7th- 1th Display focused on groundwater as drinking water, watersheds and the Water Management Plan.

Date (mm/dd/yyyy) 9/25/2019

Children's Water Festival held on Sept. 25th in 2019 is an annual event for metro area fourth-grade students. It provides education on water resources, water quality, aquatic life, conservation, monit

Date (mm/dd/yyyy) 3/8/2019

Stormwater Workshop held on March 8th, 2019 educated engineers, contractors, developers, and city officials about stormwater best management practices, new methods, developments and research.

Date (mm/dd/yyyy) 6/4/2019

The Summer Explorers camp ran every Tuesday for 7 weeks from mid-June through July. Taught students about conserving water and aquatic invasive species.

Date (mm/dd/yyyy) 2/2/2019

Live Lake Lab at the February Festival on Lake Ann on Feb. 2nd. The lab engaged citizens in water activities such as an underwater robot, bathometric maps, know your fish, chloride pollution, and more

- Q11 Between January 1, 2019 and December 31, 2019, did you modify your BMPs, measurable goals, or future plans for your public education and outreach program? [Part IV.B.]
- Yes
 - No

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, 2019 and December 31, 2019? [Part III.D.2.a.(1)]
- Yes
 - No
- Q17 Between January 1, 2019 and December 31, 2019, did you receive any input regarding your SWPPP?
- Yes
 - No
- Q19 Between January 1, 2019 and December 31, 2019, did you modify your BMPs, measurable goals, or future plans for your public participation/involvement program? [Part IV.B.]
- Yes
 - No

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, 2019 and December 31, 2019? [Part III.D.3.h.(4)]
- Yes
 - No

Q22 Enter the number of illicit discharges detected:

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:

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

- Yes
 No

Q27 What type of enforcement action(s) was taken and how many of each action were issued between January 1, 2019 and December 31, 2019? Check all that apply.

- Verbal warning
 Notice of violation
 Fines
 Criminal action
 Civil penalties
 Other

Q28 Did the enforcement action(s) taken sufficiently address the illicit discharge(s)?

- 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, 2019 and December 31, 2019, 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

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

- Q33 Did you update your storm sewer system map between January 1, 2019 and December 31, 2019? [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, 2019 and December 31, 2019, 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, 2019 and December 31, 2019:

4

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, 2019 to December 31, 2019.

- 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:

Enter the number of notice of violations issued:

Enter the number of stop-work orders issued:

Enter the number of forfeitures of security bond money issued:

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, 2019 and December 31, 2019:

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, 2019 and December 31, 2019:

61

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

bi-weekly and post rainfall

Q52 Enter the number of trained inspectors that were available for construction site inspections between January 1, 2019 and December 31, 2019:

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

Ryan Pinkalla

Organization

City of Chanhassen

Phone (Office)

9522271173

Phone (Work Cell)

Email

RPinkalla@ci.chanhassen.mn.us

Preferred contact method

email

(2)

Inspector name

Chip Hentges

Organization

Carver County Soil and Water Conservation District

Phone (Office)

Phone (Work Cell)

Email

chentges@co.carver.mn.us

Preferred contact method

email

(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, 2019 and December 31, 2019, 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, 2019 and December 31, 2019, 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	230
Outfalls	79
Ponds	267

Q61 Enter the number of structural stormwater BMPs, outfalls (excluding underground outfalls), and ponds that were inspected from January 1, 2019 to December 31, 2019 within your MS4 (exclude privately owned). [Part III.D.6.e.]

Structural stormwater BMPs	85
Outfalls	16
Ponds	55

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:

Two stormwater ponds were cleaned out and 57 sump manholes were cleaned out.

- 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:
- Street sweeper sent out monthly to clean up stockpile area.
- Q69 Between January 1, 2019 and December 31, 2019, 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

Discharges to Impaired Waters with a USEPA-Approved TMDL that Includes an Applicable WLA

You must complete the **TMDL Annual Report Form**, available at:

https://stormwater.pca.state.mn.us/index.php?title=Download_page_with_TMDL_forms.

Attach your completed TMDL Annual Report Form to this Annual Report as instructed below. [Part III.E.]

- Q71 Click the "up arrow" icon below to upload your TMDL Annual report form. When it has uploaded successfully, a unique ID will appear in the box. Only files less than 10 MB in size will upload.

ref:0000000108:Q71

Partnerships

- Q78 Did you rely on any other regulated MS4s to satisfy one or more Permit requirements?
- Yes
 No

Q79 Describe the agreements you have with other regulated MS4s and which Permit requirements the other regulated MS4s help satisfy: [Part IV.B.6.]

The City had an agreement with Carver County and Carver County Soil and Water Conservation District to provide MS4 education, AIS management, and construction site inspections. Carver County also hosts GIS data and servers. MCM 1, 2, 4 and 5.

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_2019AR* 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 2019 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)

Email
(2)

Email
(3)

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