

Notice: The Minnesota Pollution Control Agency (MPCA) is currently in the process of developing a new [e-service](#) for the MS4/SWPPP annual report. All MS4 Permittees covered by the 2020 MS4 General Permit will not need to submit an annual report for calendar year 2022 and 2023, by June 30, 2024, instead annual reporting will be deferred until the e-service is available. Following this notice is a copy of the District's 2021 annual report. The District's most recent report compiled and submitted to the MPCA.

Introduction: This document is a formatted version of the MS4 Annual Report for 2021, which is completed online by each MS4 permittee. This report is a summary of activities completed under the 2013 MS4 Permit (Permit) between January 1, 2021 and December 31, 2021. For more information about the annual report, please visit the Minnesota Pollution Control Agency's (MPCA) MS4 annual report website at https://stormwater.pca.state.mn.us/index.php?title=MS4_Annual_Report.

MS4 general contact information

Full name: Nick Tomczik Title: Administrator
 Mailing address: 4325 Pheasant Ridge Drive NE, #611
 City: Blaine State: MN Zip code: 55449
 Phone: 763-398-3079 Email: ntomczik@ricecreek.org

Preparer contact information (if different from the MS4 General contact)

Full name: Catherine Nester Title: District Technician/Inspector
 Organization: Rice Creek Watershed District
 Mailing address: 4325 Pheasant Ridge Drive NE, #611
 City: Blaine State: MN Zip code: 55449
 Phone: 763-398-3081 Email: cnester@ricecreek.org

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

Q3 If "Yes" in Q2, what is your stormwater-related issue(s)?

Q3 Options	Q3 – your answers
Q3:1 TMDL(s)	
Q3:2 Local businesses	Local businesses
Q3:3 Residential BMPs	Residential BMPs
Q3:4 Pet waste	Pet waste
Q3:5 Yard waste	Yard waste
Q3:6 Deicing materials	Deicing materials
Q3:7 Household chemicals	
Q3:8 Construction activities	
Q3:9 Post-construction activities	Post-construction activities
Q3:10 Other	Other

If "Other," describe:

Adopt-A-Drain, Turf Management, Elected Officials

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

Q5 Do you have an implementation plan as required by the Permit? [Part III.D.1.b.] Yes

- Q6 How did you distribute educational materials or equivalent outreach? [Part III.D.1.a.] [see table below]
- Q7 For the items listed in Q6, who is the intended audience? [see table below]
- Q8 For the items listed in Q6, enter the total circulation/audience below (if unknown, use best estimate). [see table below]

Options	Q6 – your answers	Q7						Q8
		Residents	Local businesses	Developers	Students	Employees	Other	
Brochure	Brochure	Residents	Local Businesses		Students		Other	3000
Newsletter	Newsletter	Residents	Local Businesses	Developers	Students	Employees	Other	28 cities
Utility bill insert: merge	Utility bill insert	Residents					Other	4 communit
Newspaper ad	Newspaper ad	Residents					Other	45000
Radio ad								
Television ad								
Cable access channel	Cable access channel	Residents					Other	27000
Stormwater-related event	Stormwater-related event	Residents	Local Businesses	Developers	Students	Employees	Other	5000
School project or presentation	School presentation or project	Residents			Students		Other	600
Website	Website	Residents	Local Businesses	Developers	Students	Employees	Other	14751
Other (1)	Other (1)	Residents	Local Businesses	Developers	Students	Employees	Other	13,897
	describe: Social media platforms							
Other (2)	Other (2)	Residents	Local Businesses	Developers			Other	100,000+
	describe: Community newsletter articles							
Other (3)	Other (3)	Residents	Local Businesses		Students	Employees	Other	1,800
	describe: Workshops, volunteer monitoring programs for residents & students, Minnesota Water Stewards							

For Q9 and Q10 below, 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, 2021 to December 31, 2021. [Part III.D.1.c.(4)]

Q9 Date of activity	Q10 Description of activity
2/24/2021	City/County Partner Meetings & presentations to elected officials (2/24/21, 3/5/21, 8/31/21, 9/10/21, 9/22/21, 9/24/21)
1/28/2021	Workshops for residents in collaboration with partners; virtual and in-person (1/28/21, 4/6/21, 4/8/21, 9/8/21)
10/26/2021	Presented at the BWSR training
3/1/2021	The Adopt-A-Drain Challenge in Anoka County with partners (March-October 2021)
10/16/2021	Collaborated with Minnesota Water Stewards to create information and presentations for HOAs and the public on wetlands, stormwater ponds, public drainage, and Adopt-A-Drain. Collaborated with water s
5/13/2021	Presented to students at Forest Lake High School.
6/23/2021	Recorded presentation on healthy shorelines and lakes; participated in first live showing.
7/21/2021	Watershed tour (in-person); also distributed virtual watershed tour

Q11 Between January 1, 2021 and December 31, 2021, did you modify your BMPs, measurable goals, or future plans for your public education and outreach program? [Part IV.B.] Yes

If "Yes," describe those modifications:

Current SWPPP dated 4/15/21 (effective 10/1/21 when coverage under the new permit was granted).

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, 2021 and December 31, 2021? [Part III.D.2.a.(1)] Yes
- Q13 If 'Yes' in Q12, what was the opportunity that you provided?
- | Q13 Options | Q13 – your answers |
|----------------------|--------------------|
| Q13:1 Public meeting | Public meeting |
| Q13:2 Public event | |
| Q13:3 Other | |
- Q14 If 'Public meeting' in Q13, did you hold a stand-alone meeting or combine it with another event? Combined
 Date of the public meeting: 6/23/2021
 Number of citizens that attended and were informed about your SWPPP: 0
- Q15 If "Public event" in Q13, describe:
- Date of the public event: _____
 Number of citizens that attended and were informed about your SWPPP: _____
- Q16 If "Other" in Q13, describe:
- Date of this action: _____
 Number of citizens that attended and were informed about your SWPPP: _____
- Q17 Between January 1, 2021 and December 31, 2021, did you receive any input regarding your SWPPP? No
 If 'Yes,' enter the total number of individuals or organizations that provided comments on your SWPPP: _____
- Q18 If 'Yes' in Q17, did you modify your SWPPP as a result of written input received? [Part III.D.2.b.(2)] _____
 If "Yes," describe those modifications: _____
- Q19 Between January 1, 2021 and December 31, 2021, did you modify your BMPs, measurable goals, or future plans for your public education and outreach program? [Part IV.B.] No
 If "Yes," describe those modifications: _____

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? Yes
- Q21 Did you identify any illicit discharges between January 1, 2021 and December 31, 2021? [Part III.D.3.h.(4)] No
- Q22 If 'Yes' in Q21, enter the number of illicit discharges detected: _____
- Q23 If 'Yes' in Q21, how did you discover these illicit discharges:
- | Q23 Options | Q23 – your answers |
|------------------------|--------------------|
| Q23:1 Public complaint | |
| Q23:2 Staff | |
- Q24 If 'Public complaint' in Q23, enter the number discovered by the public: _____
- Q25 If 'Staff' in Q23, enter the number discovered by staff: _____

Q26 If 'Yes' in Q21, did any of the discovered illicit discharges result in an enforcement action (this includes verbal warnings)?

Q27 If 'Yes' in Q26, what type of enforcement action(s) was taken and how many of each action were issued between January 1, 2021 and December 31, 2021?

Q27 Options	Q27 – your answers
Q27:1 Verbal warning	
Q27:2 Notice of violation	
Q27:3 Fine	
Q27:4 Criminal action	
Q27:5 Civil penalty	
Q27:6 Other	

If "Other," describe:

Q28 If 'Yes' in Q26, did the enforcement action(s) taken sufficiently address the illicit discharge(s)?

Q29 If 'No' in Q28, why was the enforcement not sufficient to address the illicit discharge(s):

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

Yes

Q31 Between January 1, 2021 and December 31, 2021, 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

Q32 If 'Yes' in Q31, how did you train your field staff?

Q32 Options	Q32 – your answers
Q32:1 Email	Email
Q32:2 PowerPoint	
Q32:3 Presentation	Presentation
Q32:4 Video	Video
Q32:5 Field training	
Q32:6 Other	

If "Other," describe:

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

Q33 Did you update your storm sewer system map between January 1, 2021 and December 31, 2021? [Part III.C.1.]

Yes

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

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

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

Yes

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

Yes

Q38 In what format is your storm sewer map available?

GIS

If "Other," describe:

Q39 Between January 1, 2021 and December 31, 2021, did you modify your BMPs, measurable goals, or future plans for your illicit discharge detection and elimination (IDDE) program? No
 If "Yes," describe those modifications:

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
- Q41 Have you developed written procedures for site plan reviews as required by the Permit? [Part III.D.4.b.] Yes
- Q42 Have you documented each site plan review as required by the Permit? [Part III.D.4.f.] Yes
- Q43 Enter the number of site plan reviews conducted for sites an acre or greater between January 1, 2021 and December 31, 2021: 55
- 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, 2021 to December 31, 2021.

Q44 Options	Q44 – your answers	
Q44:1 Verbal warning	Verbal warnings	0
Q44:2 Notice of violation	Notice of violation	80
Q44:3 Administrative order	Administrative orders	0
Q44:4 Stop-work order	Stop-work orders	8
Q44:5 Fine		
Q44:6 Forfeit of security bond money	Forfeit of security of bond money	0
Q44:7 Withholding of certificate of occupancy		
Q44:8 Criminal action	Criminal actions	0
Q44:9 Civil penalty	Civil penalties	0
Q44:10 Other		

If "Other," describe:

- Q45 Do you have written Enforcement Response Procedures (ERPs) to compel compliance with your construction site stormwater runoff control regulatory mechanism(s)? Yes
- Q46 Enter the number of active construction sites an acre or greater that were in your jurisdiction between January 1, 2021 and December 31, 2021: 79
- Q47 Do you have written procedures for identifying priority sites for inspections? [Part III.D.4.d.(1)] Yes
- Q48 If 'Yes' in Q47, how are sites prioritized for inspections?

Q48 Options	Q48 – your answers
Q48:1 Site topography	Site topography
Q48:2 Soil characteristics	Soil characteristics
Q48:3 Type of receiving water(s)	Types of receiving water(s)
Q48:4 Stage of construction	Stage of construction
Q48:5 Compliance history	Compliance history
Q48:6 Weather conditions	Weather conditions
Q48:7 Citizen complaints	Citizen complaints
Q48:8 Project size	Project size
Q48:9 Other	

If "Other," describe:

- Q49 Do you have a checklist or other written means to document site inspections when determining Yes

compliance? [Part III.D.4.d.(4)]

Q50 Enter the number of site inspections conducted for sites an acre or greater between January 1, 2021 and December 31, 2021: 399

Q51 Enter the frequency at which site inspections are conducted (e.g., daily, weekly, monthly): [Part III.D.4.d.(2)]:
 Site inspections are conducted weekly, with the goal of inspecting each active construction site at least once per month.

Q52 Enter the number of trained inspectors that were available for construction site inspections between January 1, 2021 and December 31, 2021: 7

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: Terrence Chastan-Davis
 Organization: Rice Creek Watershed District
 Office phone: 763-398-3074
 Work/Cell phone: _____
 Email address: tchastandavis@ricecreek.org
 Preferred contact method: Email
- 2 Inspector name: Catherine Nester
 Organization: Rice Creek Watershed District
 Office phone: 763-398-3081
 Work/Cell phone: _____
 Email address: cnester@ricecreek.org
 Preferred contact method: Email
- 3 Inspector name: Molly Nelson
 Organization: Rice Creek Watershed District
 Office phone: 763-398-3083
 Work/Cell phone: _____
 Email address: mnelson@ricecreek.org
 Preferred contact method: Email

Q54 What training did inspectors receive?

Q54 Options	Q54 – your answers
Q54:1 University of Minnesota Erosion and Stormwater Management Certification Program	University of Minnesota Erosion and Stormwater Management Certification Program
Q54:2 Qualified Compliance Inspector of Stormwater (QCIS)	
Q54:3 Minnesota Laborers Training Center Stormwater Pollution Prevention Plan Installer or Supervisor	
Q54:4 Minnesota Utility Contractors Association Erosion Control Training	
Q54:5 Certified Professional in Erosion and Sediment Control (CPESC)	
Q54:6 Certified Professional in Stormwater Quality (CPSWQ)	
Q54:7 Certified Erosion, Sediment and Storm Water Inspector (CESSWI)	
Q54:8 Other	

If "Other," describe:

Q55 Between January 1, 2021 and December 31, 2021, did you modify your BMPs, measurable goals, or future plans for your construction site stormwater runoff control program? [Part IV.B.] Yes

If "Yes," describe those modifications:

District inspectors continued working towards its established inspection frequency goals but

adjusted the frequency on an as-needed basis to minimize exposure and reduce transmission of the COVID-19 virus

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 _____

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 MPCA website at <http://www.pca.state.mn.us/index.php/view-document.html?gid=17815> for guidance on stormwater management approaches.

Q57 Options	Q57 – your answers
Q57:1 Retain a runoff volume equal to one inch times the area of the proposed increase of impervious surfaces on-site	
Q57:2 Retain the post-construction runoff volume on site for the 95th percentile storm	
Q57:3 Match the pre-development runoff conditions	
Q57:4 Adopt the Minimal Impact Design Standards (MIDS)	
Q57:5 An approach has not been selected	
Q57:6 Other method (Must be technically defensible--e.g., based on modeling, research and acceptable engineering practices)	Other method (Must be technically defensible--e.g. based on modeling, research and acceptable engineering practices)

If "Other," describe:

Rice Creek Watered District Rule C, Stormwater Management, requires water quality treatment based on Better Site Design techniques outlined in the MPCA Stormwater Manual. The District's rules require treatment of the first 1.1 inches of runoff over any area of new or reconstructed impervious surface, except for public linear projects which require treatment of 1.0 inch of runoff over new impervious surface or 0.5 inch over the sum of both new and reconstructed impervious surface, whichever requires greater treatment.

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 _____

Q59 Between January 1, 2021 and December 31, 2021, did you modify your BMPs, measurable goals, or future plans for your post-construction site stormwater management program? [Part IV.B.] No _____

If "Yes," describe those modifications:

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).

Q60:a Structural stormwater BMPs	4 _____
Q60:b Outfalls	0 _____
Q60:c Ponds	1 _____

Q61 Enter the number of structural stormwater BMPs, outfalls (excluding underground outfalls), and ponds that were inspected from January 1, 2021 to December 31, 2021, within your MS4 (exclude privately owned). [Part III.D.6.e.]

Q61:a Structural stormwater BMPs	4 _____
Q61:b Outfalls	0 _____

Q61:c Ponds

1

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? No

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

Q64 If 'Yes,' briefly describe the maintenance that was conducted: Filter media at Hansen Park IESF was tilled to restore design infiltration rate. Electronic components at the Hansen Park and Bald Eagle Lake IESFs received routine troubleshooting and repair as needed.

Q65 Do you own or operate any stockpiles, and/or storage and material handling areas? [Part III.D.6.e.(3)] No

Q66 If 'Yes' in Q65, did you inspect all stockpiles and storage and material handling areas quarterly? [Part III.D.6.e.(3)]

Q67 If 'Yes' in Q66, based on inspection findings, did you conduct maintenance at any of the stockpiles and/or storage and material handling areas?

Q68 If 'Yes' in Q67, briefly describe the maintenance that was conducted:

Q69 Between January 1, 2021 and December 31, 2021, did you modify your BMPs, measurable goals, or future plans for your pollution prevention/good housekeeping for municipal operations program? [Part IV.B.] No

If 'Yes' in Q69, describe those modifications:

Discharges to impaired waters with an USEPA-approved TMDL that includes an applicable WLA

If required, you must complete the TMDL Annual Report Form, available on the MPCA's website at https://stormwater.pca.state.mn.us/index.php?title=Download_page_with_TMDL_forms.

Attach your completed TMDL Annual Report Form as instructed in the online Annual Report. [Part III.E]

Q71 If a file was successfully uploaded, a reference number will appear: ref:0000000081:Q71

Alum or Ferric Chloride Phosphorus Treatment Systems (not required)

The following questions refer to Part III.F.3.a. of the Permit. Provide the information below as it pertains to your alum or ferric chloride phosphorus treatment system.

Q72 Date(s) of operation (mm/dd/yyyy - mm/dd/yyyy)
January
February
March
April
May
June
July
August
September
October
November
December

Table with 5 columns: Month, Q73 (Chemical(s) used for treatment), Q74 (Gallons of alum or ferric chloride treatment), Q75 (Gallons of water treated), Q76 (Calculated pounds of phosphorus removed)

January				
February				
March				
April				
May				
June				
July				
August				
September				
October				
November				
December				

Q77 Any performance issues and corrective action(s), including the date(s) when corrective action(s) were taken, between January 1, 2021 and December 31, 2021:

Partnerships

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

Q79 If 'Yes' in Q78, describe the agreements you have with other regulated MS4s and which Permit requirements the other regulated MS4s help satisfy: [Part IV.B.6.]

MCMs 4 & 5: The City of Hugo implements several of RCWD's Rules within the City's jurisdiction under a 2019 Memorandum of Understanding, which replaced a 2004 Memorandum of Understanding, including erosion and sediment control, stormwater, floodplain, and wetland management activities. The Cities of Circle Pines and Mounds View also implement several of RCWD's Rules within their city under a 2016 Memorandum of Understanding (MOU) with Circle Pines and a 2021 MOU with Mounds View including erosion and sediment control, stormwater, floodplain, and wetland management activities. MCM 6: The City of Hugo completes most minor maintenance of Washington Judicial Ditch 2 (WJD 2) under a 2005 Memorandum of Agreement, which was renewed in 2016.

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_2021AR to ms4permitprogram.pca@state.mn.us.

Q80 If a file was successfully uploaded, a reference number will appear:

Q81 If a file was successfully uploaded, a reference number will appear:

Q82 If a file was successfully uploaded, a reference number will appear:

Q83 Optional, describe the file(s) uploaded:

Owner of 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: Nick Tomczik

Title: Administrator

Date: 6/28/2022