Minnehaha Creek Watershed District

REQUEST FOR BOARD ACTION

N	MEETING DATE: June 8, 2017							
T	TITLE: Authorization to Release the 2016 MS4 Annual Report to the Minnesota Pollution Control Agency							
R	RESOLUTION NUMBER: 18-054							
P	PREPARED BY: Becky Christopher							
E	E-MAIL: bchristopher@minnehahacreek.org TELEPHONE: 952-641-4512							
R	REVIEWED BY:	☐Administrator ☐ Board Committee	☐ Coun: ☐ Engin		_			
۷	VORKSHOP AC	TION:						
	☐ Advance to E	Board mtg. Consent Age	enda.	☐ Adv	vance to Board meeting for discussion prior to action.			
☐ Refer to a future workshop (date):				☐ Refer to taskforce or committee (date):				
☐ Return to staff for additional work.				☐ No further action requested.				
		y): <u>Requesting action</u>	at June 14	l Meetin	ng			
1								

PURPOSE or ACTION REQUESTED:

Authorization to release the 2017 Municipal Separate Storm Sewer System (MS4) Annual Report to the Minnesota Pollution Control Agency

SUMMARY:

The Minnehaha Creek Watershed District is regulated as a municipal separate storm sewer system (MS4) under the National Pollutant Discharge Elimination System (NPDES) Phase II rules because the District is the drainage authority for eight public drainage systems. These drainage systems are county and judicial ditches generally established in the early 1900s. Authority for these public drainage systems was transferred to the District by resolutions from the commissioners of Hennepin and Carver counties.

The NPDES Phase II rules require submittal of an annual report to the Minnesota Pollution Control Agency (MPCA) on progress toward implementing the provisions of the Storm Water Pollution Prevention Program (SWPPP), including any proposed revisions. These reports are due by June 30 of each year.

The attached report has been prepared to satisfy the District's annual reporting requirements to the MPCA. Staff is requesting authorization to release the annual report to the MPCA.

RESOLUTION

RESOLUTION	N NUMBER: <u>18-054</u>
TITLE:	Authorization to Release the 2017 MS4 Annual Report to the Minnesota Pollution Contro Agency
WHEREAS,	in light of its ownership and operation of a small municipal stormwater management facility, the Minnehaha Creek Watershed District (MCWD) has been designated a Municipal Separate Storm Sewer System (MS4) owner/operator, subject to permitting requirements under 33 Unite States Code section 1342; and
WHEREAS,	the National Pollutant Discharge Elimination System (NPDES) Phase II rules require an annual report submitted to the Minnesota Pollution Control Agency (MPCA) that describes the progres toward implementing the provisions of the District's Storm Water Pollution Prevention Program (SWPPP); and
WHEREAS,	the report is due by June 30 of each year;
NOW, THERE	FORE, BE IT RESOLVED, that the MCWD Board of Managers accepts the 2017 MS4 Annual Report and authorizes its release to the MPCA.
Resolution Nu	imber 18-054 was moved by Manager, seconded by Manager
Motion to adop	pt the resolution ayes, nays,abstentions. Date:
Secretary	Date:
Secretary	



520 Lafayette Road North St. Paul, MN 55155-4194

MS4 question worksheet for 2017 annual report

Municipal Separate Storm Sewer Systems (MS4s) Reporting period January 1, 2017 to December 31, 2017 Due June 30, 2018

Copy of questions - Not for submittal

Instructions: This form is for your personal use only. Complete the online Annual Report to provide a summary of your activities under the 2013 MS4 Permit (Permit) between January 1, 2017, and December 31, 2017. The online Annual Report and additional information can be found on the Minnesota Pollution Control Agency (MPCA) website at: https://stormwater.pca.state.mn.us/index.php?title=MS4_Annual_Report.

Questions: Contact Cole Landgraf (cole.landgraf@state.mn.us, 651-757-2880) or Megan Handt (megan.handt@state.mn.us, 651-757-2843).

Contact information		
MS4 General contact information		
Full name: Becky Christopher	Title: Policy Planning Manager	
Mailing address: 15320 Minnetonka Blvd		
City: Minnetonka	State: MN Zip code: 55345	
Phone: 952-641-4512	Email: bchristopher@minnehahacreek.org	
Preparer contact information (if different from the	MS4 General contact)	
Full name:	Title:	
Mailing address:		
City:	State: Zip code:	
Minimum Control Measure (MCM) 1: Pul The following questions refer to Part III.D.1. of	¥	
Did you select a stormwater-related issue of h [Part III.D.1.a.(1)]	nigh priority to be emphasized during this Permit term?	⊠ Yes □ No
3. If 'Yes' in Q2, what is your stormwater-related ☐ Total Maximum Daily Loads (TMDLs) ☐ Local businesses ☐ Residential best management practices ☐ Pet waste ☐ Yard waste ☐ Deicing materials ☐ Household chemicals ☐ Construction activities ☐ Post-construction activities		
Other (describe):		
_	equivalent outreach to the public focused on illicit discharge	⊠ Yes □ No
5. Do you have an implementation plan as requi	red by the Permit? [Part III.D.1.b.]	⊠ Yes □ No

	7.	For the items checked	in Q6 below, v	vho is the inter	nded audience	? Check all th	at apply in tab	le below.	
	8. For the items checked in Q6 below, enter the total circulation/audience in table below (if unknown, use best estimate).								
			Q7. Intende	d audience?	(Check all tha	at apply.)			Q8.
Qe		. How did you distribute educational materials?		Local					Total circulation
_		(Check all that apply):	Residents	businesses	Developers	Students	Employees	Other	/audience:
_		Brochure							6000
_	\boxtimes	Newsletter							1600
_		Utility bill insert						<u> </u>	
_	ᆜ	Newspaper ad							
_	Ц	Radio ad							
_	<u> </u>	Television ad		Ш	Ш				
		Cable access channel					П		•
	<u> </u>								
_		Stormwater-related event							6700
_	\boxtimes	School presentation or project				\boxtimes			825
	\boxtimes	Website							214,824
	\boxtimes	Other (1): describe social media							375,815
_		Other (2): describe monthly column in local newspapers	\boxtimes						1,248,950
	\boxtimes	Other (3): describe submissions to city and neighborhood							
_		newsletters							500,000
scho [Part	For Q9 and Q10 , 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, 2017, to December 31, 2017. [Part III.D.1.c.(4)] 9. Date of activity <i>in table below</i> 10. Description of activity <i>in table below</i> Q9. Date of activity Q10. Description of activity								
	_	2017	see attache	d					
	_								
	_								
11. Between January 1, 2017, and December 31, 2017, did you modify your BMPs, measurable goals, or ☐ Yes ☒ No future plans for your public education and outreach program? [Part IV.B.] If 'Yes,' describe these modifications:									
MCM 2: Public participation/involvement									
The following questions refer to Part III.D.2.a. of the Permit. 12. 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, 2017, and December 31, 2017? [Part III.D.2.a.(1)]									

6. How did you distribute educational materials or equivalent outreach? [Part III.D.1.a.] Check all that apply in table below.

13.	13. If 'Yes' in Q12, what was the opportunity that you provided? Check all that apply.				
	☐ Public meeting☐ Public event☐ Other				
14.	If 'Public meeting' in Q13, did you hold a stand-alone meeting or combine it with another event?				
	☐ Stand-alone ☐ Combined				
	Enter the date of the public meeting:	6/8/17			
	Enter the number of citizens that attended and were informed about your SWPPP:	0			
15.	If 'Public event' in Q13, describe:	0			
	Enter the date (mm/dd/yyyy) of the public meeting:				
	Enter the number of citizens that attended and were informed about your SWPPP:				
16.	If 'Other' in Q13, describe: Enter the date (mm/dd/yyyy) of the public meeting:				
	Enter the number of citizens that attended and were informed about your SWPPP:				
17.	Between January 1, 2017, and December 31, 2017, did you receive any input regarding your SWPPP? If 'Yes,' enter the total number of individuals or organizations that provided comments on your SWPPP.	∐ Yes	⊠ No		
18.	If 'Yes' in Q17, did you modify your SWPPP as a result of written input received? [Part III.D.2.b.(2)]	☐ Yes	☐ No		
	If 'Yes,' describe those modifications.				
19.	Between January 1, 2017, and December 31, 2017, did you modify your BMPs, measurable goals, or future plans for your public participation/involvement program? [Part IV.B.]	☐ Yes	⊠ No		
	If 'Yes,' describe those modifications.				
MCM 3	3: Illicit discharge detection and elimination				
The fol	lowing questions refer to Part III.D.3. of the Permit.				
		_	_		
20.	Do you have a regulatory mechanism which prohibits non-stormwater discharges to your MS4? [Part III.D.3.b.]	⊠ Yes _	□ No		
21.	Did you identify any illicit discharges between January 1, 2017, and December 31, 2017? [Part III.D.3.h.(4)]	☐ Yes	⊠ No		
22.	If 'Yes' in Q21, enter the number of illicit discharges detected.	2			
23.	If 'Yes' in Q21, 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				

Z 4 .	in Fubile Complaint in Q25, enter the number discovered by the public.		
25.	If 'Staff in Q23, enter the number discovered by staff:	2	
26.	If 'Yes' in Q21, did any of the discovered illicit discharges result in an enforcement action (this includes verbal warnings)?	☐ Yes	⊠ No
27.	If 'Yes' in Q26, what type of enforcement action(s) was taken and how many of each action were issued between January 1, 2017, and December 31, 2017? Check all that apply. For each of the below checked, enter the number that were issued.	☐ Yes	☐ No
	□ Verbal warning: □ Notice of violation: □ Fine: □ Criminal action: □ Civil penalty: □ Other: describe	S	
28.	If 'Yes' in Q26, did the enforcement action(s) taken sufficiently address the illicit discharge(s)?	☐ Yes	☐ No
29.	If 'No' in Q28, why was the enforcement not sufficient to address the illicit discharge(s)?		
30.	Do you have written Enforcement Response Procedures (ERPs) to compel compliance with your illicit discharge regulatory mechanism(s)? [Part III.B.]	⊠ Yes	☐ No
31.	Between January 1, 2017 and December 31, 2017, 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
32.	If 'Yes' in Q31, how did you train your field staff? Check all that apply. Email PowerPoint Presentation Video Field training Other: describe		
The fol	lowing questions refer to Part III.C.1. of the Permit.		
33.	Did you update your storm sewer system map between January 1, 2017, and December 31, 2017? [Part III.C.1.]	☐ Yes	⊠ No
34.	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
35.	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
36.	Does your storm sewer map include all structural stormwater BMPs that are part of your MS4? [Part III.C.1.c.]	⊠ Yes	☐ No
37.	Does your storm sewer map include all receiving waters? [Part III.C.1.d.]		☐ No
38.	In what format is your storm sewer map available:		
	☐ Hardcopy only ☐ GIS ☐ CAD ☐ Other: describe		

39.	Between January 1, 2017, and December 31, 2017, did you modify your BMPs, measurable goals, or future plans for your illicit discharge detection and elimination program? [Part IV.B.]	☐ Yes	⊠ No
	If 'Yes,' describe those modifications.		
MCM 4	1: Construction site stormwater runoff control		
The fol	lowing questions refer to Part III.D.4. of the Permit		
40.	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. Minn. R. 100001 (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.] (Permit can be found on the MPCA website at https://www.pca.state.mn.us/water/construction-stormwater (titled 'Minnesota NPDES/SDS Construction Stormwater General Permit').	⊠ Yes No	
41.	Have you developed written procedures for site plan reviews as required by the Permit? [Part III.D.4.b.]	⊠ Yes No	
42.	Have you documented each site plan review as required by the Permit? [Part III.D.4.f.]	⊠ Yes No	
43.	Enter the number of site plan reviews conducted for sites an acre or greater between January 1, 2017, and December 31, 2017.	33	
44.	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, 2017, to December 31, 2017. Verbal warning, Number that were issued: Notice of violation, Number that were issued: 1 Administrative order, Number that were issued: Stop-work order, Number that were issued: Fine, Number that were issued: Forfeit of security of bond money: Withholding of certificate of occupancy Criminal action, Number that were issued: Civil penalty, Number that were issued: Other: describe, Number that were issued:		
45.	Do you have written ERPs to compel compliance with your construction site stormwater runoff control regulatory mechanism(s)? [Part III.B.]	⊠ Yes No	
46.	Enter the number of active construction sites an acre or greater that were in your jurisdiction between January 1, 2017, and December 31, 2017:	63	
47.	Do you have written procedures for identifying priority sites? [Part III.D.4.d.(1)] If 'Yes,' in Q47, How are sites prioritized? 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: describe	⊠ Yes No	
49.	Do you have a checklist or other written means to document site inspections when determining compliance? [Part III.D.4.d.(4)]	⊠ Yes No	

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50.	Enter the	137							
51.		e frequency at which site inspections are conducted (e.g., daily, weekly, monthly). D.4.d.(2)]	daily						
52.		e number of trained inspectors that were available for construction site inspections between 1, 2017, and December 31, 2017.	_6						
53.	stormwa	the contact information for the inspector(s) and/or organization that conducts construction ater inspections for your MS4. List your primary construction stormwater contact first if you have inspectors.							
	(1)	Inspector name:							
		Organization: Cole Thompson - Minnehaha Creek Watershed District							
		Phone (office): 952-641-4521							
		Phone (work cell):							
		Email: cthompson@minnehahacreek.org							
		Preferred contact method: email	-						
	(2)	Inspector name:							
		Organization: Elizabeth Showalter - Minnehaha Creek Watershed District	_						
		Phone (office): 952-641-4518 Phone (work cell):	-						
		-							
		Email: eshowalter@minnehahacreek.org	-						
		Preferred contact method: email							
	(3)	Inspector name:							
	(0)	Organization: Heidi Quinn - Minnehaha Creek Watershed District							
		Phone (office): 952-641-4504	•						
		Phone (work cell):	-						
		Email: hquinn@minnehahacreek.org	=						
		Preferred contact method: email	-						
54.	What tra	nining did inspectors receive? Check all that apply.							
		ersity of Minnesota Erosion and Stormwater Management Certification Program							
		ified Compliance Inspector of Stormwater (QCIS) esota Laborers Training Center Stormwater Pollution Prevention Plan Installer or Supervisor							
		esota Utility Contractors Association Erosion Control Training							
		fied Professional in Erosion and Sediment Control (CPESC)							
		fied Professional in Stormwater Quality (CPSWQ) fied Erosion Sediment and Storm Water Inspector (CESSWI)							
		r: describe							
55.		n January 1, 2017, and December 31, 2017, did you modify your BMPs, measurable goals, or ans for your construction site stormwater runoff control program? [Part IV.B.]	☐ Yes ⊠ No						
		describe those modifications:							
MCM 5	: Post-	construction stormwater management in new development and redevel	opment						
The follo	owing que	stions refer to Part III.D.5. of the Permit.							
56.	Do you h Permit?	nave a regulatory mechanism which meets all requirements as specified in Part III.D.5.a. of the	⊠ Yes □ No						
57.		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 Technical Support Document at http://www.pca.state.mn.us/index.php/view-document.html?gid=17815 for guidance on stormwater management approaches. The TSD can be found on the MPCA website at https://www.pca.state.mn.us/water/municipal-stormwater-ms4 (refer to the Post Construction Stormwater Management section under the 'Guidance and BMPs' tab).		
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 An approach has not been selected Other method (Must be technically defensible - e.g., based on modeling, research and acceptable engineering practices)		
If 'Other method,' describe:	2	
58. Do you have written ERPs to compel compliance with your post-construction stormwater management regulatory mechanism(s)? [Part III.B.]	⊠ Yes	i □ No
 Between January 1, 2017, and December 31, 2017, did you modify your BMPs, measurable goals, or future plans for your post-construction stormwater management program? [Part IV.B.] 	☐ Yes	⊠ 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.		
60. Enter the total number of structural stormwater BMPs , outfalls (excluding underground outfalls), and ponds within your MS4 (exclude privately owned). Enter the number for each category below:		
Structural stormwater BMPs: 0		
Outfalls: 2		
Ponds: <u>2</u>		
61. Enter the total number of structural stormwater BMPs, outfalls (excluding underground outfalls), and ponds that were inspected from January 1, 2017 to December 31, 2017 within your MS4 (exclude privately owned) [Part III.D.6.e.]. Enter the number for each category below:		
Structural stormwater BMPs: 0		
Outfalls: 2		
Ponds: <u>2</u>		
62. 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
63. Based on inspection findings, did you conduct any maintenance on any structural stormwater BMPs? [Part III.D.6.e.(1)]	☐ Yes	⊠ No
64. If "Yes" in Q63, briefly describe the maintenance that was conducted:		
65. Do you own or operate any stockpiles, and/or storage and material handling areas? [Part III.D.6.e.(3)]	☐ Yes	⊠ No
66. If 'Yes' in Q65, did you inspect all stockpiles and storage and material handling areas quarterly? [Part III.D.6.e.(3)]	☐ Yes	□No
67. If 'Yes' in Q66, based on inspection findings, did you conduct maintenance at any of the stockpiles and/or storage and material handling areas?	☐ Yes	□No
68. If 'Yes' in Q67, briefly describe the maintenance that was conducted:		

69. Between January 1, 2017, and December 31, 2017, did you modify your BMPs, measurable goals, or future plans for your pollution prevention/good housekeeping for municipal operations program? [Part IV.B.]								
I	f 'Yes,' describe	those modifications:						
Discha	rges to impa	ired waters with a	EPA-approved TMD	OL that includes an	applicable WLA			
If you hav	ve been assigned	a Waste Load Allocation (V	VLA) in a TMDL that was ar	oproved by the U.S. Environ	mental Protection Agency			
(EPA) pri Report F https://sto	ior to August 1, 20 Form, available or ormwater.pca.stat	013, and were not meeting \ 1 the MPCA website at: e.mn.us/index.php?title=Do	WLA(s) at the time of your pownload page with TMDL	ermit application, you must forms.	complete the TMDL Annua			
Attach your completed TMDL Annual Report Form to the actual Annual Report as instructed within that document. [Part III.E.]								
71. [c	question left blank	c for you to attach a file]						
				* X				
			_					
Alum c	or Ferric Chl	oride Phosphorus 1	Treatment Systems					
	wing questions re phosphorus treatr		Permit. Provide the informa	ation below as it pertains to	your alum or ferric			
72.	Date(s) of opera	ation:						
	Month	Date(s) of operation (n	nm/dd/yyyy – mm/dd/yyyy)					
	January							
	February							
	March							
	April			_				
	May			_				
	June			_				
	July			_				
	August			_				
	September			=				
	October			=				
	November			-				
	December			-				
				ı				
		Q73 Chemical(s) used for	Q74 Gallons of alum or ferric	Q75	Q76 Calculated pounds of			
-	Month	treatment	chloride treatment	Gallons of water treated	phosphorus removed			
-	January							
-	February							
	March							
	April							
	May							
-	June							
-	July							
-	August							
-	September							
-	October							
-	November							

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
December				

77. Any performance issues and corrective action(s), including date(s) when corrective action(s) were taken, between January 1, 2017, and December 31, 2017:

Partnerships

78	Did	vou rely on	any other	regulated N	154s to	satisfy one	or more permi	t requirements?
10.	Diu	vou leiv on	i aliv ulilei	redulated iv	/เอ น อ เบ	Sausiv Ulle	OF HIGHE DEHILI	r reduirements:

☐ Yes ⊠ No

79. 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.]

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.

- 80. [Optional space for you to attach a file]
- 81. [Optional space for you to attach a file]
- 82. [Optional space for you to attach a file]
- 83. Optional, describe the file(s) uploaded:

Optional question

The MPCA is attempting to identify potential sources of water quality data. Answering this question will help the MPCA and interested stakeholders obtain a more comprehensive understanding of sources of data that may be shared and ultimately aid in understanding the extent to which stormwater management practices result in water quality improvements.

84. Are you collecting water quality data (e.g., from surface waters, outfalls, BMPs, etc.) that is not associated 🖂 Yes 🔲 No with a wastewater treatment plant?

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).

Yes - 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).

By typing my name in the following space, 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 of certifying official:	The certifying official must electronically sign the online Annual Report form.	
Title:	Date:	
		(mm/dd/yyyy)

Note: In the online form, you will be prompted to provide the email(s) of the individual(s) you would like to receive the MS4 Annual

Report for 2017 submittal confirmation email from the MPCA. After you submit the form, please allow up to three business days to receive this confirmation email.

Email (1)	
Email (2)	
Email (3)	

