



MS4 Annual Report for 2015

Reporting period: January 1, 2015 to December 31, 2015

Due: June 30, 2016

Instructions: Complete this annual report to provide a summary of your activities under the 2013 MS4 Permit (Permit) between January 1, 2015 and December 31, 2015. MPCA staff may also contact you for additional information.

Questions: Contact Cole Landgraf at 651-757-2880 or cole.landgraf@state.mn.us or Rachel Stangl at 651-757-2879 or rachel.stangl@state.mn.us.

MS4 General Contact Information

Full Name:	Ryan Peterson
Title:	City Engineer
Mailing Address:	100 Civic Center Parkway
City:	Burnsville
State:	MN
Zip Code:	55337
Phone:	952-895-4459
Email:	ryan.peterson@burnsvillemn.gov

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

Q3 If 'Yes' in Q2, what is your stormwater-related issue(s)? Check all that apply.

<input type="checkbox"/>	Total Maximum Daily Loads (TMDLs)
<input type="checkbox"/>	Local businesses
<input checked="" type="checkbox"/>	Residential best management practices (BMPs)
<input checked="" type="checkbox"/>	Pet waste
<input checked="" type="checkbox"/>	Yard waste
<input checked="" type="checkbox"/>	Deicing materials
<input checked="" type="checkbox"/>	Household chemicals
<input checked="" type="checkbox"/>	Construction activities
<input type="checkbox"/>	Post-construction activities
<input checked="" type="checkbox"/>	Other

If 'Other', describe:

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 education materials or equivalent outreach? [Part III.D.1.a.] Check all that apply in the table below.

Q7 For the items checked in Q6 below, what is the intended audience? Check all that apply in the table below.

Q8 For the items checked in Q6 below, enter the total circulation/audience in the table below. (if unknown, use best estimate)

Q6 How did you distribute educational materials? (Check all that apply):	Q7 Intended audience. (Check all that apply):						Q8 Total circulation /audience:
	Residents	Local businesses	Developers	Students	Employees	Other	
X Brochure	X	X					150
X Newsletter	X	X					27000
Utility bill insert							
Newspaper ad							
Radio ad							
Television ad							
X Cable access channel	X	X		X			13000
X Stormwater-related event	X	X		X			104
X School project or presentation				X			100
X Website	X	X					17420
X Other Describe: Social media - facebook, twitter, youtube	X	X					103 posts
X Other Describe: Storm Drain Stenciling Program - volunteers stencil water quality messages on residential storm drains and distribute door hangers in project area.	X	X		X			170 drains
X Other Describe: Press releases	X	X				X	

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, 2015 to December 31, 2015. [Part III.D.1.c.(4)]

Q9 Date of Activity	Q10 Description of Activity
2/2/2015	Multiple dates Feb - April. Blue Thumb Raingarden Workshops - 2 sessions that included one intro class and two design classes. Intro classes had had 104 workshop participants.
4/1/2015	Multiple dates April - Oct. Citizen Action Monitoring Program - Volunteers are trained and conduct water quality monitoring on lakes. 8 lakes are monitored.
5/2/2015	Multiple dates May - July. Wetland Health Evaluation Program - Volunteers are trained and conduct vegetation and macroinvertebrate monitoring in wetlands. 12 volunteers participated.
3/1/2015	Multiple dates March - Sept. Lake association meetings were held to discuss water quality issues on Crystal Lake (2 meetings), Alimagnet Lake (1 meeting), and Earley Lake (1 meeting).
4/29/2015	In house staff training on water quality and illicit discharges. Attended by all public works staff.

Q11 Between January 1, 2015 and December 31, 2015, did you modify your BMPs, measurable goals, or future plans for your public education and outreach program? [Part IV.B.]

If 'Yes,' describe those modifications:

Yes

The City of Burnsville completed our Reauthorization to the new permit during this time frame. During this process the City developed Policy 5.155 NPDES MS4 Stormwater Management which includes the City's checklists, Enforcement Response Procedures and Standard Operating procedures for managing our Public Education and Outreach Program.



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, 2015 and December 31, 2015? [Part III.D.2.a.(1)]

Yes

Q13 If 'Yes' in Q12, what was the opportunity that you provided? Check all that apply.

- Public meeting
- Public event
- Other

Q14 If 'Public meeting' in Q13, did you hold a stand-alone meeting or combine it with another event?

Combined

Enter the date of the public meeting:

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

Q15 If 'Public Event' in Q13,

Describe:

Q15 Enter the date of the public meeting:
 Enter the number of citizens that attended and were informed about your SWPPP:

Q16 If 'Other' in **Q13**, Describe:

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

Q17 Between January 1, 2015 and December 31, 2015, 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, 2015 and December 31, 2015, 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:
 The City of Burnsville completed our Reauthorization to the new permit during this time frame. During this process the City developed Policy 5.155 NPDES MS4 Stormwater Management which includes the City's checklists, Enforcement Response Procedures and Standard Operating procedures for managing our Public Participation/Involvement Program.



Minnesota Pollution Control Agency

MCM 3: Illicit Discharge Detection and Elimination

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

Q20 As of December 31, 2015, have you enacted a regulatory mechanism(s) which prohibits non-stormwater discharges to your MS4?
 Yes

Q21 If 'Yes' in **Q20**, Provide either a website address to the above regulatory mechanism or upload a copy.
 How will you provide this regulatory mechanism?
 Website address

Q22 If 'Website address' in **Q21**, provide the link here:

Q23 If 'Upload' in **Q21**, upload the appropriate document to the Annual Report form. Only files 10 MB or less will upload.
 Successful upload?

Q24 Did you identify any illicit discharges between January 1, 2015 and December 31, 2015? [Part III.D.3.h.(4)]
 Yes

Q25 If 'Yes' in **Q24**, enter the number of illicit discharges detected:

Q26 If 'Yes' in **Q24**, how did you discover these illicit discharges? Check all that apply.
 Public complaint
 Staff

Q27 If 'Public complaint' in **Q26**, enter the number discovered by the public:

Q28 If 'Staff' in **Q26**, enter the number discovered by staff:

Q29 If 'Yes' in **Q24**, did any of the discovered illicit discharges result in an enforcement action (this includes verbal warnings)?
 Yes

Q30 If 'Yes' in **Q29**, what type of enforcement action(s) was taken and how many of each action were issued between January 1, 2015 and December 31, 2015? Check all that apply.

	Number issued:
<input checked="" type="checkbox"/> Verbal warning	<input type="text" value="3"/>
<input type="checkbox"/> Notice of violation	<input type="text"/>
<input type="checkbox"/> Fine	<input type="text"/>
<input type="checkbox"/> Criminal action	<input type="text"/>
<input type="checkbox"/> Civil penalty	<input type="text"/>
<input type="checkbox"/> Other	<input type="text"/>

If 'Other,' describe:

Q31 If 'Yes' in Q29, did the enforcement action(s) taken sufficiently address the illicit discharge(s)?

Q32 If 'No' in Q31, why was the enforcement not sufficient to address the illicit discharge(s)?

Q33 Do you have written Enforcement Response Procedures (ERPs) to compel compliance with your illicit discharge regulatory mechanism(s)? [Part III.B.]

Q34 If 'Yes' in Q33, provide either a website address to the above ERPs or upload a copy. How will you provide this regulatory mechanism?

Q35 If 'Website address' in Q34, provide the link here:

Q36 If 'Upload' in Q34, upload the appropriate document to the Annual Report form. Only files 10 MB or less will upload. Successful upload?

Q37 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.]

Q38 If 'Yes' in Q37, how did you train your field staff? Check all that apply.

- | | |
|-------------------------------------|----------------|
| <input type="checkbox"/> | Email |
| <input checked="" type="checkbox"/> | Powerpoint |
| <input checked="" type="checkbox"/> | Presentation |
| <input type="checkbox"/> | Video |
| <input type="checkbox"/> | Field Training |
| <input checked="" type="checkbox"/> | Other |

If 'Other,' describe:

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

Q39 Did you update your storm sewer system map between January 1, 2015 and December 31, 2015? [Part III.C.1.]

Q40 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.]

Q41 Does your storm sewer map include outfalls, including a unique identification (ID) number and an associated geographic coordinate? [Part III.C.1.b.]

Q42 Does your storm sewer map include all structural stormwater BMPs that are part of your MS4? [Part III.C.1.c.]

Q43 Does your storm sewer map include all receiving waters? [Part III.C.1.d.]

Q44 In what format is your storm sewer map available?

If 'Other,' describe:

Q45 Between January 1, 2015 and December 31, 2015, did you modify your BMPs, measurable goals, or future plans for your illicit discharge detection and elimination (IDDE) program? [Part IV.B.]

If 'Yes,' describe those modifications:



Minnesota Pollution Control Agency

MCM 4: Construction Site Stormwater Runoff Control

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

Q46 As of December 31, 2015, have you enacted 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.]

Q47 Have you developed written procedures for site plan reviews as required by the Permit? [Part III.D.4.b.]

Q48 Have you documented each site plan review as required by the Permit? [Part III.D.4.f.]

Q49 Enter the number of site plan reviews conducted for sites an acre or greater between January 1, 2015 and December 31, 2015:

10

Q50 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, 2015 to December 31, 2015.

	Number issued:
<input checked="" type="checkbox"/> Verbal warning	0
<input checked="" type="checkbox"/> Notice of violation	103
<input type="checkbox"/> Administrative order	0
<input checked="" type="checkbox"/> Stop-work order	0
<input type="checkbox"/> Fine	0
<input checked="" type="checkbox"/> Forfeiture of security bond money	0
<input checked="" type="checkbox"/> Withholding of certificate of occupancy	2
<input type="checkbox"/> Criminal action	0
<input type="checkbox"/> Civil penalty	0
<input checked="" type="checkbox"/> Other	103

If 'Other,' describe: Correction Notice

Q51 Do you have written Enforcement Response Procedures (ERPs) to compel compliance with your construction site stormwater runoff control regulatory mechanisms?

[Part III.B.]

Yes

Q52 Enter the number of active construction sites an acre or greater that were in your jurisdiction between January 1, 2015 and December 31, 2015:

10

Q53 Do you have written procedures for identifying priority sites? [Part III.D.4.d.(1)]

Yes

Q54 If 'Yes' in Q53, how are sites prioritized? Check all that apply.

<input checked="" type="checkbox"/> Site topography
<input checked="" type="checkbox"/> Soil characteristics
<input checked="" type="checkbox"/> Types of receiving water(s)
<input checked="" type="checkbox"/> Stage of construction
<input checked="" type="checkbox"/> Compliance history
<input checked="" type="checkbox"/> Weather conditions
<input type="checkbox"/> Other

If 'Other,' describe:

Q55 Do you have a checklist or other written means to document site inspections when determining compliance? [Part III.D.4.d.(4)]

Yes

Q56 Enter the number of site inspections conducted for sites an acre or greater between January 1, 2015 and December 31, 2015:

29

Q57 Enter the frequency at which site inspections are conducted (e.g. daily, weekly, monthly): [Part III.D.4.d.(2)]

Varied

Q58 Enter the number of trained inspectors that were available for construction site inspections between January 1, 2015 and December 31, 2015:

3

Q59 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	Walter Ehresmann
Organization	City of Burnsville
Phone (Office)	952-895-4463
Phone (Work Cell)	612-616-8566
Email	walter.ehresmann@burnsvillemn.gov
Preferred contact method	office phone
2 Inspector Name	Brad Mikiska
Organization	City of Burnsville
Phone (Office)	952-895-4540
Phone (Work Cell)	952-356-4506
Email	brad.mikiska@burnsvillemn.gov
Preferred contact method	office phone
3 Inspector Name	Nils Hudyma
Organization	City of Burnsville
Phone (Office)	952-895-4547
Phone (Work Cell)	612-619-5892
Email	nils.hudyma@burnsvillemn.gov
Preferred contact method	office phone

Q60 What training did inspectors receive? Check all that apply.

<input checked="" type="checkbox"/> University of Minnesota Erosion and Stormwater Management Certification Program
<input type="checkbox"/> Qualified Compliance Inspector of Stormwater (QCIS)
<input type="checkbox"/> Minnesota Laborers Training Center Stormwater Pollution Prevention Plan Installer or Supervisor
<input type="checkbox"/> Minnesota Utility Contractors Association Erosion Control Training
<input type="checkbox"/> Certified Professional in Erosion and Sediment Control (CPESC)
<input type="checkbox"/> Certified Professional in Stormwater Quality (CPSWQ)
<input type="checkbox"/> Certified Erosion Sediment and Storm Water Inspector (CESSWI)
<input type="checkbox"/> Other

If 'Other,' describe:

Q61 Between January 1, 2015 and December 31, 2015, 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:

The City of Burnsville completed our Reauthorization to the new permit during this time frame. During this process the City developed Policy 5.155 NPDES MS4 Stormwater Management which includes the City's checklists, Enforcement Response Procedures and Standard Operating procedures for managing our Construction Site Stormwater Runoff Control Program.



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MCM 5: Post-Construction Stormwater Management

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

Q62 As of December 31, 2015, have you enacted a regulatory mechanism to incorporate all requirements as specified in Part III.D.5.a of the Permit?

Yes

Q63 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.](http://www.pca.state.mn.us/index.php/view-document.html?gid=17815)

- | | |
|-------------------------------------|--|
| <input checked="" type="checkbox"/> | Retain a runoff volume equal to one inch times the area of the proposed increase of impervious surface on-site |
| <input type="checkbox"/> | Retain the post-construction runoff volume on site for the 95th percentile storm |
| <input checked="" type="checkbox"/> | Match the predevelopment runoff conditions |
| <input type="checkbox"/> | Adopt the Minimal Impact Design Standards (MIDS) |
| <input type="checkbox"/> | An approach has not been selected |
| <input type="checkbox"/> | Other method (Must be technically defensible - e.g., based on modeling, research and acceptable engineering practices) |

If 'Other,' describe:

Q64 Do you have written Enforcement Response Procedures (ERPs) to compel compliance with your post-construction stormwater management regulatory mechanism(s)? [Part III.B.]

Yes

Q65 Between January 1, 2015 and December 31, 2015, did you modify your BMPs, measurable goals, or future plans for your post-construction site stormwater management program? [Part IV.B.]

Yes

If 'Yes,' describe those modifications:

The City of Burnsville completed our Reauthorization to the new permit during this time frame. During this process the City developed Policy 5.155 NPDES MS4 Stormwater Management which includes the City's checklists, Enforcement Response Procedures and Standard Operating procedures for managing our Post-Construction Stormwater Management Program.



Minnesota Pollution Control Agency

MCM 6: Pollution Prevention/Good Housekeeping for Municipal Operations

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

Q66 Enter the total number of structural stormwater BMPs, outfalls (excluding underground outfalls), and ponds within your MS4 (exclude privately owned).

Structural stormwater BMPs	99
Outfalls	206
Ponds	384

Q67 Enter the number of structural stormwater BMPs, outfalls (excluding underground outfalls), and ponds that were inspected from January 1, 2015 to December 31, 2015 within your MS4 (exclude privately owned). [Part III.D.6.e.]

Structural stormwater BMPs	99
Outfalls	96
Ponds	0

Q68 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

Q69 Based on inspection findings, did you conduct any maintenance on any structural stormwater BMPs? [Part III.D.6.e.(1)]

Yes

Q70 If 'Yes,' briefly describe the maintenance that was conducted:

We patched close to 30 catch basins with concrete mortar and replaced the same with new concrete rings.

Q71 Do you own or operate any stockpiles, and/or storage and material handling areas? [Part III.D.6.e.(3)]

Yes

Q72 If 'Yes' in Q71, did you inspect all stockpiles and storage and material handling areas quarterly? [Part III.D.6.e.(3)]

Yes

Q73 If 'Yes' in Q72, based on inspection findings, did you conduct maintenance at any of the stockpiles and/or storage and material handling areas?

Yes

Q74 If 'Yes' in Q73, briefly describe the maintenance that was conducted:

Burnsville Street Department checks stockpile areas visually at least monthly during spring/summer/fall months. As of 2015, there is a quarterly checklist that is filled out and kept in Superintendents office.

Q75 Between January 1, 2015 and December 31, 2015, did you modify your BMPs, measurable goals, or future plans for your pollution prevention/good housekeeping for municipal operations program? [Part IV.B.]

Yes

If 'Yes,' describe those modifications:

The City of Burnsville completed our Reauthorization to the new permit during this time frame. During this process the City developed Policy 5.155 NPDES MS4 Stormwater Management which includes the City's checklists, Enforcement Response Procedures and Standard Operating procedures for managing our Pollution Prevention/Good Housekeeping for Municipal Operations Program.



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

If required, you must complete the TMDL Annual Report Form, available at: http://stormwater.pca.state.mn.us/index.php/Upload_page_with_TMDL_forms. Attach your completed TMDL Annual Report Form to this Annual Report as instructed below. [Part III.E]

Q77 Successfully uploaded file:

File successfully attached.



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Alum or Ferric Chloride Phosphorus Treatment Systems

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.

'Alum or Ferric Chloride Phosphorus Treatment Systems' section not required for Burnsville City MS4.

Q78 Date(s) of operation (mm/dd/yyyy - mm/dd/yyyy)

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

	Q79 Chemical(s) used for treatment:	Q 80 Gallons of alum or ferric chloride treatment:	Q81 Gallons of water treated:	Q82 Calculated pounds of phosphorus removed:
January				
February				
March				
April				
May				
June				
July				
August				
September				
October				
November				
December				

Q83 Any performance issues and corrective action(s), including the date(s) when corrective action(s) were taken, between January 1, 2015 and December 31, 2015:



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Partnerships

Q84 Did you rely on any other regulated MS4s to satisfy one or more Permit requirements?

No

Q85 If 'Yes' in Q84, describe the agreements you have with other regulated MS4s and which Permit requirements the other regulated MS4s help satisfy: [Part IV.B.6.]



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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_2015AR to ms4permitprogram.pca@state.mn.us.

Q86 Successfully uploaded file:

Q87 Successfully uploaded file:

Q88 Successfully uploaded file:

Q89 Optional, describe the file(s) uploaded:



Minnesota Pollution Control Agency

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).

X

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	Ryan Peterson
Title	City Engineer
Date:	5/16/2016



Minnesota Pollution Control Agency

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

TMDL Annual Report Form

Municipal Separate Storm Sewer Systems (MS4) Program

Doc Type: Annual Report

Form Information

This form is to be completed annually by MS4s in order to track the completed BMP activities and to calculate the cumulative loading reduction for specific pollutants of concern associated with each applicable WLA. Navigate through this form using the tabs at the bottom of the page. All information is collected in accordance with Part III.E of the [MS4 Permit](#).

- Green** Tabs (REQUIRED): user-input worksheet
- Blue** Tabs (hidden*): optional user-input worksheet
- Yellow** Tabs (hidden*): reference worksheet

*Reveal hidden spreadsheet tabs by navigating to Home->Cells->Format->Hide & Unhide->Unhide Sheet

Please refer to the [Guidance for Completing the TMDL Reporting Form](#) in the Minnesota Stormwater Manual for additional assistance and instructions. Sections of the guidance are hyperlinked throughout this spreadsheet.

User Information

Date Updated: 25-Apr-16

Permittee: Burnsville City

Permit ID: MS400076

Contact Name: Ryan Peterson

Contact Phone: 952-895-4459

Contact email: ryan.peterson@ci.burnsville.mn.us

Mailing address: 100 Civic Center Parkway, Burnsville, MN 55337

Reporting Year	Data Entry Date	Entered by	Notes
2014	6/9/2015	Ron Leaf, SEH	Input from Daryl Jacobson and Dan Torbritzhofer
2014	7/7/2015	Ron Leaf, SEH	Revised after letter from MPCA. Input from Daryl Jacobson.
2015	4/1/2016	Daryl Jacobson	

BMP - Activities Completed Spreadsheet														Required: Place an "X" in a cell if the BMP applies to the TMDL shown in the column		
For MPCA use only			Required		Optional	Required							Optional		Crystal, Keller, and Lee Lakes Nutrient Impairment TMDL	Lower Mississippi River Basin Fecal Coliform Bacteria TMDL
Entry ID	Permittee	MS4 ID	Reporting year	BMP/Activity	BMP Description	Location and ID Information Needed?	BMP ID	y-coord (lat, e.g. 44.9866)	x-coord (long, e.g. -93.2581)	Coordinate system (e.g. lat long, UTM)	Who owns this BMP/activity?	If applicable, name other owner(s)	Year when BMP was implemented	Note(s)		
MS400076-1	Burnsville City	MS400076	2014	Establish_ordinance	Post construction controls	No ID information needed	NA	NA	NA	NA	Permittee (you)	NA	2014	Ordinance in place, stormwater standards referred to in ordinance have been updated to meet the criteria in the 2013 MS4 Permit.	X	X
MS400076-2	Burnsville City	MS400076	2014	Establish_ordinance	Erosion and sediment control	No ID information needed	NA	NA	NA	NA	Permittee (you)	NA	2014	Ordinance in place, stormwater standards referred to in ordinance have been updated to meet the criteria in the 2013 MS4 Permit.	X	X
MS400076-3	Burnsville City	MS400076	2014	Establish_ordinance	Illicit discharges	No ID information needed	NA	NA	NA	NA	Permittee (you)	NA	2014	Ordinance in place, new stand alone ordinance established to better connect illicit discharge issues to stormwater.	X	X
MS400076-4	Burnsville City	MS400076	2014	Supplemental_street_sweeping	Increased sweeping frequency	No ID information needed	NA	NA	NA	NA	Permittee (you)	NA	2014	Increased sweeping is completed in priority watersheds including the Crystal-Keller subwatershed, as needed. Program in place since 2004.	X	
MS400076-5	Burnsville City	MS400076	2014	Supplemental_employee_education_training	Staff training	No ID information needed	NA	NA	NA	NA	Permittee (you)	NA	2014	Training of all field staff on MS4 program activities including illicit discharge detection	X	X
MS400076-6	Burnsville City	MS400076	2014	Supplemental_public_education_outreach	Publications	No ID information needed	NA	NA	NA	NA	Permittee (you)	NA	2014	Publications are distributed city wide including in both the Vermillion and Keller Lake subwatersheds.	X	X
MS400076-7	Burnsville City	MS400076	2014	Infiltrator	Bioretention with no underdrain (rain garden)	Complete columns H through K	NA	-93.260263	44.729002	Lat-long	Permittee (you)	NA	2014	1004 Rushmore Drive	X	
MS400076-8	Burnsville City	MS400076	2014	Infiltrator	Bioretention with no underdrain (rain garden)	Complete columns H through K	NA	-93.259349	44.728268	Lat-long	Permittee (you)	NA	2014	1008 Southwind Drive	X	
MS400076-9	Burnsville City	MS400076	2014	Infiltrator	Bioretention with no underdrain (rain garden)	Complete columns H through K	NA	-93.259474	44.729022	Lat-long	Permittee (you)	NA	2014	1013 Rushmore Drive	X	
MS400076-10	Burnsville City	MS400076	2014	Infiltrator	Bioretention with no underdrain (rain garden)	Complete columns H through K	NA	-93.259805	44.729608	Lat-long	Permittee (you)	NA	2014	1024 Rushmore Drive	X	
MS400076-11	Burnsville City	MS400076	2014	Infiltrator	Bioretention with no underdrain (rain garden)	Complete columns H through K	NA	-93.259202	44.729359	Lat-long	Permittee (you)	NA	2014	1101 Rushmore Drive	X	
MS400076-12	Burnsville City	MS400076	2014	Infiltrator	Bioretention with no underdrain (rain garden)	Complete columns H through K	NA	-93.259202	44.727733	Lat-long	Permittee (you)	NA	2014	1101 Southwind Drive	X	
MS400076-13	Burnsville City	MS400076	2014	Infiltrator	Bioretention with no underdrain (rain garden)	Complete columns H through K	NA	-93.257822	44.726856	Lat-long	Permittee (you)	NA	2014	1201 Keller Lake Road	X	
MS400076-14	Burnsville City	MS400076	2014	Infiltrator	Bioretention with no underdrain (rain garden)	Complete columns H through K	NA	-93.25617	44.728057	Lat-long	Permittee (you)	NA	2014	1313 Keller Lane	X	
MS400076-15	Burnsville City	MS400076	2014	Infiltrator	Bioretention with no underdrain (rain garden)	Complete columns H through K	NA	-93.26161	44.729251	Lat-long	Permittee (you)	NA	2014	15121 Southwind Drive	X	
MS400076-16	Burnsville City	MS400076	2014	Infiltrator	Bioretention with no underdrain (rain garden)	Complete columns H through K	NA	-93.261645	44.728993	Lat-long	Permittee (you)	NA	2014	15125 Southwind Drive	X	
MS400076-17	Burnsville City	MS400076	2014	Infiltrator	Bioretention with no underdrain (rain garden)	Complete columns H through K	NA	-93.262378	44.729051	Lat-long	Permittee (you)	NA	2014	15128 Southwind Drive	X	
MS400076-18	Burnsville City	MS400076	2014	Infiltrator	Bioretention with no underdrain (rain garden)	Complete columns H through K	NA	-93.261724	44.728457	Lat-long	Permittee (you)	NA	2014	905 Southwind Drive	X	
MS400076-19	Burnsville City	MS400076	2014	Infiltrator	Bioretention with no underdrain (rain garden)	Complete columns H through K	NA	-93.260974	44.728898	Lat-long	Permittee (you)	NA	2014	908 Southwind Drive	X	
MS400076-20	Burnsville City	MS400076	2014	Infiltrator	Bioretention with no underdrain (rain garden)	Complete columns H through K	NA	-93.260408	44.728645	Lat-long	Permittee (you)	NA	2014	916 Southwind Drive	X	
MS400076-21	Burnsville City	MS400076	2014	Infiltrator	Underground infiltration	Complete columns H through K	AL-1	-93.263316	44.744702	Lat-long	Permittee (you)	NA	2013	143rd Street Underground chambers		X

Cumulative Reductions Spreadsheet

Category 1: Summary of quantitative reductions (Annual Pollutant Load Reduction).											Optional	
Permittee	MS4 ID	TMDL project	Units	2014	2015	2016	2017	2018	2019	2020	Calculation method	Notes
Burnsville City	MS400076	Keller Lake - Phosphorus	pounds reduced	1.41	1.41						Spreadsheet	2010 Project - 14 Raingardens
Burnsville City	MS400076	Lower Mississippi River Basin Fecal Coliform Bacteria TMDL - Fecal Coliform										
Category 2: Summary of qualitative reductions (# of BMPs).											Optional	
Permittee	MS4 ID	TMDL project		2014	2015	2016	2017	2018	2019	2020	Notes	
Burnsville City	MS400076	Keller Lake - Phosphorus		6	6							
Burnsville City	MS400076	Lower Mississippi River Basin Fecal Coliform Bacteria TMDL Fecal Coliform		6	6							

Provide an up-dated narrative describing any adaptive management strategies used (including projected dates) for

2015 - No changes to current plan.