

BMP Summary Sheet

MS4 Name:

Permit Condition: IX.Appendix C. Part A and/or Part B.

Unique BMP Identification Number: IX. A. and/or IX. B.

***BMP Title:** Discharges to Waters with Prohibited or Restricted Discharges Assessment

***BMP Description:** Describe the nature and purpose of the BMP here.

Note: Remove this note from Final Version. In developing items 3 &4 below, identify the status of land use development in the part of the ORVW's watershed your MS4 occupies and follow the appropriate guidance option below.

Suggested Methods of Evaluation and Resolution for the following Scenarios:

A) If the majority of the land area of the MS4 in the ORVW watershed is not yet developed:

- Develop ordinances which require sufficient BMPs designed to avoid a new or expanded discharge;

B) If the land area of the MS4 in the watershed is partially developed and part undeveloped:

- Develop ordinances as above for undeveloped areas and assess per tasks below for discharges from developed area.

C) If the majority of the land area is developed within the MS4's jurisdiction of the ORVW watershed:

- Assess the discharge using the following tasks
 - Evaluate the stormwater impact and reduction options to attain levels at the time the ORVW was designated and document that all feasible and prudent alternatives to the discharge have been incorporated into the plan.

As an MS4 located within a watershed that discharges to ORVW waters, <MS4 Name> will submit an assessment and other documentation required in Appendix C of permit MNR040000 of which the following are major components:

1. Identify all existing and planned stormwater discharges to the ORVW(s) under jurisdiction of your MS4. Evaluate stormwater volume, Total Suspended Solids (TSS), and Total Phosphorus (TP) as indicator parameters.
2. Map the flow directions at an appropriate sub-watershed level from the identified discharge points and routes to the ORVW waters.
3. Determine if a new or expanded discharge has occurred since the date the ORVW was designated. Evaluate past and future changes in the MS4 watersheds, from the date the ORVW was designated, projected out through the year 2020. This evaluation should include changes in land use, hydrology, modifications to the MS4 system or other changes. Estimate the change in discharge that has and that will occur and the magnitude of the potential changes in average annual flow and pollutant loading (modeling may be appropriate here). Clearly demonstrate your findings.
4. Propose methods to eliminate any new or expanded discharges identified in your assessment by evaluating alternatives to the discharge. Some examples of common alternatives are Low Impact Development (LID), infiltration, or ordinance and zoning changes, evaluating whether they are prudent and feasible.
 - If proceeding to make the argument that there are no prudent and feasible alternatives to eliminating the discharge, submit the following additional items:

- 1) Submit your assessment demonstrating how you,
 - a) Identified new or expanded discharge(s) to the ORVW and,
 - b) Considered alternative methods to discharging and analyzed their potential to eliminate the discharge and,
 - c) Arrived at the conclusion that there are no prudent and feasible alternatives to discharging based on analysis of both cost and environmental considerations.

2) Propose BMPs such as ponding, LID ordinances, infiltration, or other BMPs or combination of BMPs that restrict the discharge to the extent necessary to preserve the existing high quality or preserve the wilderness, scientific, recreational, or other special characteristics that make the listed water an ORVW.

MPCA will make the final determination of all Prudent and Feasible alternatives have been incorporated and whether the methods proposed are significant enough to preserve the high quality of the ORVW.

Activity Implementation Plan

- This BMP includes establishment of a baseline of information– determine what processes are in place and what has already been accomplished that will help meet the permit conditions
- This BMP includes preparation of a written inventory of all stormwater discharges to the prohibited or restricted water(s) from within the jurisdictional boundaries of the MS4; compile necessary detail about the stormwater discharges to assess the impacts and alternatives
- Prepare a map that includes all the delineated sub-watershed(s) covering the MS4 that discharge to the ORVW, including the identified discharge points and routes to the ORVW waters that the MS4 discharge may impact.
- Evaluate past and future changes in the watersheds, projected out at least through the year 2020.
- Determine if a new or expanded discharge has or would occur and the magnitude of the potential changes.
- Evaluate alternatives to the discharge.
- Propose methods of eliminating the discharge.
- Prepare a projected schedule and timeline to incorporate any necessary changes into the SWPPP

*Timeline/Implementation Schedule:

Date _____ : Identify the steps that have already or will be taken by _____ to meet the requirements of section IX. Appendix C. Part B. of the MS4 General Permit.

Date _____ by which you will identify ORVW waters likely receiving impacts from stormwater discharges you're your MS4 and locate discharges

Date _____ by which you will delineate watersheds contributing runoff to ORVW waters

Date _____ by which you will develop a Map of discharges, ORVW waters, and watersheds

Date _____ by which you will complete an Evaluation of hydrology, land use, etc.

By June 30, 2009, _____ will submit as an attachment to the Annual Report to the MPCA, the assessment, response to any public comments, plan for ongoing work elements and any proposed changes to the SWPPP that have been deemed necessary through this assessment process.

MS4s must propose a timeline for approval that they will follow to meet these requirements. Fill in appropriate dates associated with each task that is to be completed. *If your MS4 is on a different schedule, indicate that schedule and associated tasks in this area.* Include the tasks that will be completed and when they are to be accomplished.

Specific Components and Notes: Provide any clarification or other work related to this action here.

***Responsible Party for this BMP:**

Name:

Department:

Phone:

E-mail:

**Indicates a REQUIRED field. Failure to complete any required field will result in rejection of the application due to incompleteness*

MS4 Name:

Permit Condition: IX.Appendix C. Part A and/or Part B.

Unique BMP Identification Number: IX. A. and or IX. B.

BMP Title: Discharges to Waters with Prohibited or Restricted Discharges Assessment
BMP Description:
Activity Implementation Plan:
Timeline/Implementation Schedule:
Specific Components and Notes:
Responsible Party for this BMP: Name: Department: Phone: E-mail: