

# Mn/DOT Outstate District SWPPP



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## Introduction

### Mn/DOT Outstate District Information

The Minnesota Department of Transportation (Mn/DOT) designs, constructs and maintains transportation infrastructure throughout the State of Minnesota. In accordance with the EPA's Storm Water Phase II Rule, Mn/DOT facilities with federally defined urban areas (UA), must apply for authorization to discharge storm water associated with municipal separate storm sewer systems (MS4). Under the Phase II MS4 program, the following Mn/DOT District facilities with associated urbanized areas are applying for coverage under the MNR 040000 MS4 Permit:

<u>District</u>	<u>General Area</u>
1	Duluth
2	East Grand Forks
3	St. Cloud
4	Moorhead
Metro	Minneapolis/St. Paul and suburbs
6	Rochester, La Crescent

Because Mn/DOT operates a transportation infrastructure statewide with six (6) areas defined as mandatory small MS4s, the Department has decided to proceed with two applications; one to cover the Metro Area (Minneapolis, St. Paul and surrounding suburbs) and one will comprise the five (5) Outstate District's urbanized areas. We feel this umbrella approach is appropriate for the Outstate Districts and will best address MS4 requirements and meet storm water runoff issues from a statewide perspective. In addition, from a statewide approach Mn/DOT is able to make policy decisions, conduct research on BMP's that have a statewide application, provide technical expertise from a central location and develop standards and specifications.

### Mn/DOT Outstate Stormwater Pollution Prevention Program

Mn/DOT's Outstate Stormwater Pollution Prevention Plan (SWPPP) is designed to reduce the discharge of pollutants from its storm sewer system to the maximum extent practicable and addresses the six Minimum Control Measures defined by the MS4 Permit.

As required by the Minnesota Pollution Control Agency (MPCA) standard BMP summary sheets which cover each of the six Minimum Control Measures have been incorporated into this SWPPP. The information on each sheet includes a BMP description, measurable goals/performance measures, timeline, specific components & notes and responsible party information. The SWPPP also contains narrative information describing in-place procedures for TMDL waters, record retention, discharges to prohibited waters, discharges to restricted waters, discharges adversely affecting trout waters, discharges to wetlands, discharges requiring environmental review, discharges affecting threatened or endangered species, discharges affecting historic or archeological sites and discharges affecting source water protection areas.

### Mn/DOT's Outstate Contact Information

Questions regarding Mn/DOT's Outstate NPDES stormwater program or the contents of this SWPPP should be directed to:

Nick Tiedeken  
Office of Environmental Services  
Minnesota Department of Transportation  
395 John Ireland Blvd  
Saint Paul, MN 55155-1899  
[Nick.Tiedeken@dot.state.mn.us](mailto:Nick.Tiedeken@dot.state.mn.us)  
651/284-3789

## BMP Summary Sheet

**MS4 Name:** Mn/DOT – Outstate Districts

**Minimum Control Measure:** 1-PUBLIC EDUCATION AND OUTREACH

**Unique BMP Identification Number:** 1a-1

<p><b>*BMP Title:</b> Distribute Educational Materials</p>								
<p><b>*BMP Description:</b></p> <p>Participate in a regional education program with other governmental groups to provide public education and outreach that address impacts of storm water discharge on water bodies. Distribute educational materials that inform the public of steps to reduce pollutants in storm water runoff.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP: The information included or referenced on this Summary Sheet is intended to meet all SWPPP requirements for this BMP.</p>								
<p><b>*Measurable Goals:</b></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 60%;">Develop storm water web system</td> <td>Starting in 2006</td> </tr> <tr> <td>Participation in regional fairs*</td> <td>Annually, starting in 2006</td> </tr> <tr> <td>Distribute material at appropriate Mn/DOT locations *</td> <td>Continuous, starting in 2006</td> </tr> <tr> <td>Distribute material at appropriate construction meetings 2007</td> <td>Construction season, starting</td> </tr> </table>	Develop storm water web system	Starting in 2006	Participation in regional fairs*	Annually, starting in 2006	Distribute material at appropriate Mn/DOT locations *	Continuous, starting in 2006	Distribute material at appropriate construction meetings 2007	Construction season, starting
Develop storm water web system	Starting in 2006							
Participation in regional fairs*	Annually, starting in 2006							
Distribute material at appropriate Mn/DOT locations *	Continuous, starting in 2006							
Distribute material at appropriate construction meetings 2007	Construction season, starting							
<p><b>*Timeline/Implementation Schedule:</b></p> <p>See above</p>								
<p><b>Specific Components and Notes:</b></p> <p>Target audience is the general public. Distribute educational materials at various Mn/DOT locations, such as the State Fair, public meetings and construction meetings. *Level of participation with other governmental groups may vary by District.</p>								
<p><b>*Responsible Party for this BMP:</b></p> <p style="margin-left: 20px;">Name: See Attachment</p> <p style="margin-left: 20px;">Department: Office of Environmental Services/District Web Master</p> <p style="margin-left: 20px;">Phone:</p> <p style="margin-left: 20px;">E-mail:</p>								

# BMP Summary Sheet

**MS4 Name:** Mn/DOT – Outstate Districts

**Minimum Control Measure:** PUBLIC EDUCATION AND OUTREACH

**Unique BMP Identification Number:** 1b-1

<p><b>*BMP Title:</b> Implement an Education Program</p>
<p><b>*BMP Description:</b></p> <p>Implement a Storm Water Education Program by developing a storm water web system and distributing educational materials to the public to inform the public of storm water pollution prevention and provide general storm water good housekeeping.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP: The information included or referenced on this Summary Sheet is intended to meet all SWPPP requirements for this BMP.</p>
<p><b>*Measurable Goals:</b></p> <p>Maintain web system. Prepare and update informational regularly. Record number of hits on web site. Provide for user feed back on web site.</p>
<p><b>*Timeline/Implementation Schedule:</b></p> <p>Initiate development of web system in 2006. Maintain and update web system on a regular basis.</p>
<p><b>Specific Components and Notes:</b></p> <p>Provide public education/outreach on the impacts on storm water discharges on water bodies and the steps the public can take to reduce pollutants in storm water runoff.</p>
<p><b>*Responsible Party for this BMP:</b></p> <p>Name: See attachment Department: Office of Environmental Services/District Web Master Phone: E-mail:</p>

## BMP Summary Sheet

**MS4 Name:** Mn/DOT – Outstate Districts

**Minimum Control Measure:** PUBLIC EDUCATION AND OUTREACH

**Unique BMP Identification Number:** 1c-1

<b>*BMP Title:</b> Education Program: Public Education and Outreach
<b>*Audience(s) Involved:</b> General public
<b>*Educational Goals for Each Audience:</b> Increase the general public's awareness of storm water impacts. Inform the general public on steps that can be taken to reduce pollutants in storm water runoff and protect water quality.
<b>*Activities Used to Reach Educational Goals:</b> Provide information on web site that addresses impacts of storm water discharges on water bodies and the public's role in minimizing and preventing storm water pollution.*
<b>*Activity Implementation Plan:</b> Create web system that targets water quality and storm water pollution awareness. Create web links to district web sites and to other environmental organizations and municipalities to addresses storm water pollution prevention. *Level of participation may vary by District.
<b>*Performance Measures:</b> Record number of hits on storm water web system. Update and maintain web system on a regular basis.
<b>*Responsible Party for this BMP:</b> Name: See Attachment Department: Office of Environmental Services/ District Web Master Phone: E-mail:

# BMP Summary Sheet

**MS4 Name:** Mn/DOT – Outstate Districts

**Minimum Control Measure:** PUBLIC EDUCATION AND OUTREACH

**Unique BMP Identification Number:** 1c-2

<b>*BMP Title:</b> Education Program: Public Participation
<b>*Audience(s) Involved:</b> General Public
<b>*Educational Goals for Each Audience:</b> Solicit and encourage public input and opinion regarding storm water pollution prevention and water quality through a regional storm water web site.
<b>*Activities Used to Reach Educational Goals:</b> Create a web system that solicits public participation and involvement. Advertise public notice on web site. Create user feedback component on web site that allows the public to comment on the Storm Water Pollution Prevention Program.
<b>*Activity Implementation Plan:</b> Web Master and the Office of Environmental Services will work together to solicit public participation and opinion on the Storm Water Pollution Prevention Program
<b>*Performance Measures:</b> Record number of hits on storm water web site. Continually update and maintain web site.
<b>*Responsible Party for this BMP:</b> Name: See Attachment Department: Office of Environmental Services/ District Web Master Phone: E-mail:



## BMP Summary Sheet

**MS4 Name:** Mn/DOT – Outstate Districts

**Minimum Control Measure:** PUBLIC EDUCATION AND OUTREACH

**Unique BMP Identification Number:** 1c-3

<p><b>*BMP Title:</b> Education Program: Illicit Discharge Detection and Elimination</p>
<p><b>*Audience(s) Involved:</b> General public, Mn/DOT staff.</p>
<p><b>*Educational Goals for Each Audience:</b> Educate and increase awareness on ways to detect and eliminate illicit discharges and the hazards associated with illegal discharges.</p>
<p><b>*Activities Used to Reach Educational Goals:</b> Create a District web system that provides information on detection and elimination of illicit discharges for that region.  For Mn/DOT staff, see 3b-1, 3c-1, and 3d-1.</p>
<p><b>*Activity Implementation Plan:</b> The Web Master, the Safety Officer and the Office of Environmental Services will work together to provide the public information on illicit discharge detection and elimination.</p>
<p><b>*Performance Measures:</b> Record number of hits on storm water web site. Continually update and maintain web site.</p>
<p><b>*Responsible Party for this BMP:</b> Name: See Attachment Department: Office of Environmental Services/District Safety Officer/ District Web Master Phone: E-mail:</p>

## BMP Summary Sheet

**MS4 Name:** Mn/DOT – Outstate Districts

**Minimum Control Measure:** PUBLIC EDUCATION AND OUTREACH

**Unique BMP Identification Number:** 1c-4

<p><b>*BMP Title:</b> Education Program: Construction Site Run-off Control</p>
<p><b>*Audience(s) Involved:</b> General Public, Mn/DOT staff and contractors.</p>
<p><b>*Educational Goals for Each Audience:</b> Provide information to the public regarding Mn/DOT's Standards and Specifications for construction site storm water control runoff control to increase public awareness and understanding.</p>
<p><b>*Activities Used to Reach Educational Goals:</b> Create a web system that provides information on the NPDES stormwater permit on MN/DOT's construction projects. Include information on the Erosion/Sediment Control Certification Program.  For Mn/DOT staff and contractors, see 4b-1.</p>
<p><b>*Activity Implementation Plan:</b> Web Master and the Office of Environmental Services will work together to provide the public information via the web site on construction site storm water runoff control.</p>
<p><b>*Performance Measures:</b> Record number of hits on storm water web site. Continually update and maintain web site.</p>
<p><b>*Responsible Party for this BMP:</b> Name: See Attachment Department: Office of Environmental Services/ District Web Master Phone: E-mail:</p>

# BMP Summary Sheet

**MS4 Name:** Mn/DOT – Outstate Districts

**Minimum Control Measure:** PUBLIC EDUCATION AND OUTREACH

**Unique BMP Identification Number:** 1c-5

<b>*BMP Title:</b> Education Program: Post-Construction Stormwater Management in New Development and Redevelopment
<b>*Audience(s) Involved:</b> General Public, Mn/DOT staff.
<b>*Educational Goals for Each Audience:</b> Provide information to the public regarding Mn/DOT's Standards and Specifications for post-construction storm water management to increase awareness and understanding.
<b>*Activities Used to Reach Educational Goals:</b> Create a web system that provides information about the NPDES stormwater permit required for a majority of Mn/DOT construction projects. In addition, provide information on the web site about maintenance and operation of long-term BMPs.  For Mn/DOT staff, See 5c-1.
<b>*Activity Implementation Plan:</b> Web Master, Maintenance Department and the Office of Environmental Services will work together to provide the public information on post-construction stormwater management in new development and redevelopment.
<b>*Performance Measures:</b> Record number of hits on storm water web system. Continually update and maintain web system.
<b>*Responsible Party for this BMP:</b> Name: See attachment Department: Office of Environmental Services/ District Web Master Phone: E-mail:

## BMP Summary Sheet

**MS4 Name:** Mn/DOT – Outstate Districts

**Minimum Control Measure:** PUBLIC EDUCATION AND OUTREACH

**Unique BMP Identification Number:** 1c-6

<p><b>*BMP Title:</b> Education Program: Pollution Prevention/Good Housekeeping for Municipal Operations</p>
<p><b>*Audience(s) Involved:</b> General public, Mn/DOT staff.</p>
<p><b>*Educational Goals for Each Audience:</b> Increase public awareness and understanding of Mn/DOT's maintenance practices and good housekeeping measures.</p>
<p><b>*Activities Used to Reach Educational Goals:</b> Provide information to the public regarding routine maintenance activities and good housekeeping measures on Mn/DOT roadways and Mn/DOT right of way.  For Mn/DOT staff, see 6a-1, 6b-2, and 6b-5.</p>
<p><b>*Activity Implementation Plan:</b> Develop a storm water web site which addresses maintenance practices and good housekeeping measures in regard to storm water pollution prevention.</p>
<p><b>*Performance Measures:</b> Record number of hits on storm water web site. Continually update and maintain web site.</p>
<p><b>*Responsible Party for this BMP:</b> Name: See attachment Department: District Web Master/District Maintenance Engineer/Office of Environmental Services Phone: E-mail:</p>

## BMP Summary Sheet

**MS4 Name:** Mn/DOT – Outstate Districts

**Minimum Control Measure:** PUBLIC EDUCATION AND OUTREACH

**Unique BMP Identification Number:** 1d-1

<p><b>*BMP Title:</b> Coordination of Education Program</p>
<p><b>*BMP Description:</b></p> <p>Participate in a program of regional education efforts with other local groups. Coordinate with other entities to provide information on water quality and storm water pollution prevention. Incorporate existing regional environmental programs with Mn/DOT District programs.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP: The information included or referenced on this Summary Sheet is intended to meet all SWPPP requirements for this BMP.</p>
<p><b>*Measurable Goals:</b></p> <p>Each District will meet annually with other regional education groups.</p>
<p><b>*Timeline/Implementation Schedule:</b></p> <p>Annual meetings, starting in 2007.</p>
<p><b>Specific Components and Notes:</b></p> <p>Mn/DOT District Offices will coordinate with other municipalities to implement a storm water education program that addresses storm water pollution prevention and water quality.</p>
<p><b>*Responsible Party for this BMP:</b></p> <p>Name: See attachment Department: District Hydraulic Engineer Phone: E-mail:</p>

## BMP Summary Sheet

**MS4 Name:** Mn/DOT – Outstate Districts

**Minimum Control Measure:** PUBLIC EDUCATION AND OUTREACH

**Unique BMP Identification Number:** 1e-1

<p><b>*BMP Title:</b> Annual Public Meeting</p>
<p><b>*BMP Description:</b> Annually, Mn/DOT will hold a public meeting to address the Storm Water Pollution Prevention Program.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP: The information included or referenced on this Summary Sheet is intended to meet all SWPPP requirements for this BMP.</p>
<p><b>*Measurable Goals:</b> Place notice of public meeting in local newspaper. Hold public meeting. Place notice on Stormwater Website ( as indicated in 1c-2 &amp; 2a-1)</p>
<p><b>*Timeline/Implementation Schedule:</b> Place notice of public meeting 30 days prior to meeting. Hold meetings annually, starting in 2007.</p>
<p><b>Specific Components and Notes:</b> The meeting will include District's NPDES Storm Water Program and allow for submittal of both oral and written comments.</p>
<p><b>*Responsible Party for this BMP:</b> Name: See Attachment Department: District Hydraulic Engineer Phone: E-mail:</p>

## BMP Summary Sheet

**MS4 Name:** Mn/DOT – Outstate Districts

**Minimum Control Measure:** 2-PUBLIC PARTICIPATION/INVOLVEMENT

**Unique BMP Identification Number:** 2a-1

**\*BMP Title:** Comply with Public Notice Requirements

**\*BMP Description:**

Issue a notice of a public informational meeting at least 30 days prior to the date of the annual public meeting.

Location(s) in SWPPP of detailed information relating to this BMP:

The information included or referenced on this Summary Sheet is intended to meet all SWPPP requirements for this BMP.

**\*Measurable Goals:**

Place notice of annual public meeting in local Newspaper and on storm water web site. Notify the MPCA and appropriate city and county officials 30 days prior to annual public meeting.

**\*Timeline/Implementation Schedule:**

Hold public meeting annually, starting in 2007 prior to submittal of annual report.

**Specific Components and Notes:**

Hold annual public meeting to address the Storm Water Pollution Prevention Program for each district. Include in notice, date, time and location of public meeting and a concise description of the manner in which the meeting will be conducted and location where a copy of the SWPPP is available for public review.

**\*Responsible Party for this BMP:**

Name: See attachment

Department: District Hydraulic Engineer

Phone:

E-mail:

# BMP Summary Sheet

**MS4 Name:** Mn/DOT – Outstate Districts

**Minimum Control Measure:** 2-PUBLIC PARTICIPATION/INVOLVEMENT

**Unique BMP Identification Number:** 2b-1

<p><b>*BMP Title:</b> Solicit Public Input and opinion on the Adequacy of the SWPPP</p>
<p><b>*BMP Description:</b></p> <p>Solicit public opinion and input on the adequacy of the Storm Water Pollution Prevention Program, including input from the public meeting. Include public input from the meeting in the annual report.</p>          <p>Location(s) in SWPPP of detailed information relating to this BMP: The information included or referenced on this Summary Sheet is intended to meet all SWPPP requirements for this BMP.</p>
<p><b>*Measurable Goals:</b></p> <p>Solicit public input and opinion on the adequacy of the SWPPP.</p>
<p><b>*Timeline/Implementation Schedule:</b></p> <p>Initial solicitation and opinion of SWPPP, 2007. Solicitation and opinion gathering, 2007-2011.</p>
<p><b>Specific Components and Notes:</b></p> <p>Public comments received must be reviewed and incorporated into the Storm Water Pollution Prevention Program if appropriate.</p>
<p><b>*Responsible Party for this BMP:</b></p> <p>Name: See attachment Department: District Hydraulic Engineer Phone: E-mail:</p>



## BMP Summary Sheet

**MS4 Name:** Mn/DOT – Outstate Districts

**Minimum Control Measure:** 2-PUBLIC PARTICIPATION/INVOLVEMENT

**Unique BMP Identification Number:** 2c-1

<p><b>*BMP Title:</b> Consider Public Input</p>
<p><b>*BMP Description:</b> Establish procedures and processes to collect and review the public's comments on the Storm Water Pollution Prevention Program.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP: The information included or referenced on this Summary Sheet is intended to meet all SWPPP requirements for this BMP.</p>
<p><b>*Measurable Goals:</b> Establish procedures for the collection and consideration of public comments.</p>
<p><b>*Timeline/Implementation Schedule:</b> Establish procedures for collection and consideration, 2007. Annual collection, 2007-2011.</p>
<p><b>Specific Components and Notes:</b> Districts will develop procedures and processes for the public's opportunity to comment on the SWPPP. Public comments received will be reviewed and incorporated into the Storm Water Pollution Prevention Program if appropriate.</p>
<p><b>*Responsible Party for this BMP:</b> Name: See attachment Department: District Hydraulic Engineer Phone: E-mail:</p>

## BMP Summary Sheet

**MS4 Name:** Mn/DOT – Outstate Districts

**Minimum Control Measure:** 3-ILLCIT DISCHARGE DETECTION AND  
ELIMINATION

**Unique BMP Identification Number:** 3a-1

<p><b>*BMP Title:</b> Storm Sewer System Map</p>
<p><b>*BMP Description:</b> Develop and maintain a district storm sewer inventory map.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP: The information included or referenced on this Summary Sheet is intended to meet all SWPPP requirements for this BMP.</p>
<p><b>*Measurable Goals:</b> Evaluate progress to date, take appropriate steps to meet goal of 2008 compliance date. Develop measures for adding new storm sewer systems to existing map.</p>
<p><b>*Timeline/Implementation Schedule:</b> Evaluate progress of storm sewer map, 2006, and 2007. Complete storm sewer system map by 2008.</p>
<p><b>Specific Components and Notes:</b> The storm sewer map will include the location: Ponds, streams, lakes, wetlands that are part of the system, Structural pollution control devices that are part of the system, Pipes and conveyances that are 24-inches in diameter or larger, Outfalls</p>
<p><b>*Responsible Party for this BMP:</b> Name: See attachment Department: District Hydraulic Engineer Phone: E-mail:</p>

## BMP Summary Sheet

**MS4 Name:** Mn/DOT – Outstate Districts

**Minimum Control Measure:** 3-ILLICIT DISCHARGE DETECTION AND  
ELIMINATION

**Unique BMP Identification Number:** 3b-1

<p><b>*BMP Title:</b> Regulatory Control Program</p>
<p><b>*BMP Description:</b></p> <p>Implement training procedures for contacting appropriate authorities for non-storm water discharges to storm sewer system.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP: The information included or referenced on this Summary Sheet is intended to meet all SWPPP requirements for this BMP.</p>
<p><b>*Measurable Goals:</b></p> <p>Develop and maintain appropriate response procedure in the event of a non-storm water discharge to the system.</p>
<p><b>*Timeline/Implementation Schedule:</b></p> <p>Evaluate existing procedures and modify procedures if appropriate, 2007 Implement procedures, 2007. Update continuously, 2007-2011.</p>
<p><b>Specific Components and Notes:</b></p> <p>Instruct and train District staff on appropriate response procedures, such as notifying the State Duty Officer and Mn/DOT Safety Officer.</p>
<p><b>*Responsible Party for this BMP:</b></p> <p>Name: See attachment Department: District Safety Officer/District Maintenance Engineer Phone: E-mail:</p>

# BMP Summary Sheet

**MS4 Name:** Mn/DOT – Outstate Districts

**Minimum Control Measure:** 3-ILLCIT DISCHARGE DETECTION AND ELIMINATION

**Unique BMP Identification Number:** 3c-1

<p><b>*BMP Title:</b> Illicit Discharge Detection and Elimination Plan</p>
<p><b>*BMP Description:</b></p> <p>Modify existing processes and implement new processes to manage outfall inspections and illicit discharge reporting, including tracking the process of discharge resolution. Tie process to storm sewer system map (3a-1).</p> <p>Location(s) in SWPPP of detailed information relating to this BMP: The information included or referenced on this Summary Sheet is intended to meet all SWPPP requirements for this BMP.</p>
<p><b>*Measurable Goals:</b></p> <p>Evaluate existing plan, 2006-2007 Develop guidelines and procedures, 2007 Provide training, 2008 Implement program, 2009</p>
<p><b>*Timeline/Implementation Schedule:</b></p> <p>See above.</p>
<p><b>Specific Components and Notes:</b></p> <p>For training purposes there is an illicit discharge video being created to aid in the education of internal Mn/DOT staff.</p>
<p><b>*Responsible Party for this BMP:</b></p> <p>Name: See attachment Department: District Hydraulic Engineer Phone: E-mail:</p>

# BMP Summary Sheet

**MS4 Name:** Mn/DOT – Outstate Districts

**Minimum Control Measure:** 3-ILLCIT DISCHARGE DETECTION AND ELIMINATION

**Unique BMP Identification Number:** 3d-1

<p><b>*BMP Title:</b> Public and Employee Illicit Discharge Information Program</p>
<p><b>*BMP Description:</b></p> <p>Implement a program to train appropriate district staff on the hazards associated with illegal discharge and improper waste on MN/DOT right of way. Tie training and program to 3c-1, Illicit Discharge Detection and Elimination Plan.</p> <p>Provide information to the public on storm water web site of the hazards associated with illegal discharge and improper waste. Include information from Pollution Prevention/Good Housekeeping, Minimum Control Measure six (6), on web site.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP: The information included or referenced on this Summary Sheet is intended to meet all SWPPP requirements for this BMP.</p>
<p><b>*Measurable Goals:</b></p> <p>Evaluate existing program, 2006-2007 Develop guidelines and procedures, 2007 Provide training, 2008 Implement program, 2009</p>
<p><b>*Timeline/Implementation Schedule:</b></p> <p>See above.</p>
<p><b>Specific Components and Notes:</b></p> <p>Coordinate with Mn/DOT Safety Officer and include with Employee Right-to-know education and training.</p>
<p><b>*Responsible Party for this BMP:</b></p> <p>Name: See attachment Department: Office of Environmental Services/ State Safety Officer Phone: E-mail:</p>

## BMP Summary Sheet

**MS4 Name:** Mn/DOT – Outstate Districts

**Minimum Control Measure:** 3-ILLICIT DISCHARGE DETECTION AND  
ELIMINATION

**Unique BMP Identification Number:** 3e-1

<p><b>*BMP Title:</b> Identification of Non Stormwater Discharges and Flows</p>
<p><b>*BMP Description:</b> Evaluate whether the District's non-storm water discharges are a pollutant source and address if significant.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP: The information included or referenced on this Summary Sheet is intended to meet all SWPPP requirements for this BMP.</p>
<p><b>*Measurable Goals:</b> Identify non-storm water discharges and flows considered significant.</p>
<p><b>*Timeline/Implementation Schedule:</b> Address additional non-stormwater discharges or flows identified as significant contributors of pollutants, 2006-2011.</p>
<p><b>Specific Components and Notes:</b></p>
<p><b>*Responsible Party for this BMP:</b> Name: See attachment Department: District Maintenance Engineer/Office of Environmental Services Phone: E-mail:</p>

## BMP Summary Sheet

**MS4 Name:** Mn/DOT – Outstate Districts

**Minimum Control Measure:** 4-CONSTRUCTION SITE STORMWATER RUNOFF CONTROL

**Unique BMP Identification Number:** 4a-1

<p><b>*BMP Title:</b> Ordinance or other Regulatory Mechanism</p>
<p><b>*BMP Description:</b></p> <p>Mn/DOT Specifications require appropriate sediment and erosion control practices on construction projects. Mn/DOT Specifications also require contractors to be in compliance with the National Pollution Discharge Elimination System (NPDES) Construction Storm Water Permit.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP: The information included or referenced on this Summary Sheet is intended to meet all SWPPP requirements for this BMP.</p>
<p><b>*Measurable Goals:</b></p> <p>Continue to require appropriate sediment and erosion control practices on construction projects through the Mn/DOT contracting process.</p>
<p><b>*Timeline/Implementation Schedule:</b></p> <p>Continuous, 2006-2011.</p>
<p><b>Specific Components and Notes:</b></p> <p>Ensure all District construction projects disturbing over one acre address erosion and sediment control according to the Storm Water Pollution Prevention Plan.</p>
<p><b>*Responsible Party for this BMP:</b></p> <p>Name: See attachment Department: District Resident Engineer Phone: E-mail:</p>

## BMP Summary Sheet

**MS4 Name:** Mn/DOT – Outstate Districts

**Minimum Control Measure:** 4-CONSTRUCTION SITE STORMWATER RUNOFF CONTROL

**Unique BMP Identification Number:** 4b-1

<p><b>*BMP Title:</b> Construction Site Implementation of Erosion and Sediment Control BMPs</p>
<p><b>*BMP Description:</b></p> <p>Mn/DOT contract provisions require contractors and sub-contractors to follow NPDES Construction Activity permit requirements. These requirements are written into Mn/DOT's Standard Specifications and Special Provisions. Mn/DOT Standard Specifications require contractors and sub-contractors working on construction projects to have certified erosion control personnel on site.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP: The information included or referenced on this Summary Sheet is intended to meet all SWPPP requirements for this BMP.</p>
<p><b>*Measurable Goals:</b></p> <p>Continue to require the Erosion/Sediment Control Certification and continue to implement erosion and sediment control practices.</p>
<p><b>*Timeline/Implementation Schedule:</b></p> <p>Continue program, 2006-2011.</p>
<p><b>Specific Components and Notes:</b></p> <p>The Districts will continue to require erosion and sediment control personnel on construction projects. These include installers, inspectors, construction site managers and plan designers. The certification can be rescinded for failure to comply with the terms of the MPCA General Permit for Construction Sites and Mn/DOT approved Erosion and Sediment Control Plans.</p>
<p><b>*Responsible Party for this BMP:</b></p> <p>Name: See attachment Department: Office of Environmental Services/District Resident Engineer Phone: E-mail:</p>



## BMP Summary Sheet

**MS4 Name:** Mn/DOT – Outstate Districts

**Minimum Control Measure:** 4-CONSTRUCTION SITE STORMWATER RUNOFF CONTROL

**Unique BMP Identification Number:** 4c-1

<p><b>*BMP Title:</b> Waste Controls for Construction Site Operators</p>
<p><b>*BMP Description:</b></p> <p>Contract Provisions. Continue to incorporate language in contracts to require certified erosion and sediment control personnel and construction site waste management.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP: The information included or referenced on this Summary Sheet is intended to meet all SWPPP requirements for this BMP.</p>
<p><b>*Measurable Goals:</b></p> <p>Provide contract language to require certified erosion and sediment control personnel on construction projects, as appropriate. Provide contract language to require construction site waste management on construction projects.</p>
<p><b>*Timeline/Implementation Schedule:</b></p> <p>Continue current practices and update as necessary, 2006-2011</p>
<p><b>Specific Components and Notes:</b></p> <p>Currently on all Mn/DOT construction projects over one acre, the collection and disposal of waste guidelines are based on the MPCA requirements and written into Standard Specification and Special Provisions.</p>
<p><b>*Responsible Party for this BMP:</b></p> <p>Name: See attachment Department: Office of Environmental Services/ District Resident Engineer Phone: E-mail:</p>

## BMP Summary Sheet

**MS4 Name:** Mn/DOT – Outstate Districts

**Minimum Control Measure:** 4-CONSTRUCTION SITE STORMWATER RUNOFF CONTROL

**Unique BMP Identification Number:** 4d-1

<p><b>*BMP Title:</b> Procedure for Site Plan Review</p>
<p><b>*BMP Description:</b></p> <p>Construction Site Plan Review. Hold construction meetings and include water quality components on the agenda. Mn/DOT's Specifications require the contractor to prepare and submit a weekly schedule of proposed erosion control activities for approval.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP: The information included or referenced on this Summary Sheet is intended to meet all SWPPP requirements for this BMP.</p>
<p><b>*Measurable Goals:</b></p> <p>Continue to hold construction coordination meetings. Review inspection forms and amend to include water quality components if necessary. Review standard construction specifications and revise to include water quality components if necessary.</p>
<p><b>*Timeline/Implementation Schedule:</b></p> <p>Continue current practices and update as necessary, 2006-2011.</p>
<p><b>Specific Components and Notes:</b></p>
<p><b>*Responsible Party for this BMP:</b></p> <p>Name: See attachment Department: District Resident Engineer Phone: E-mail:</p>

## BMP Summary Sheet

**MS4 Name:** Mn/DOT – Outstate Districts

**Minimum Control Measure:** 4-CONSTRUCTION SITE STORMWATER RUNOFF CONTROL

**Unique BMP Identification Number:** 4e-1

<p><b>*BMP Title:</b> Establishment of Procedures for the Receipt and Consideration of Reports of Stormwater Noncompliance</p>
<p><b>*BMP Description:</b></p> <p>Construction Complaint Management. Manage complaints from public and private entities on District construction projects. Develop spreadsheet or database to record and manage public complaints.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP: The information included or referenced on this Summary Sheet is intended to meet all SWPPP requirements for this BMP.</p>
<p><b>*Measurable Goals:</b></p> <p>Establish an internal routing and tracking mechanism for consideration of public complaints. Record number of complaints received and responded to.</p>
<p><b>*Timeline/Implementation Schedule:</b></p> <p>Establish procedures for internal routing and tracking, 2006 Implement procedures, 2007 Continuous, starting 2008.</p>
<p><b>Specific Components and Notes:</b></p> <p>Point contact personnel should be responsible for receiving and managing the complaint from receipt through routing to appropriate staff.</p>
<p><b>*Responsible Party for this BMP:</b></p> <p>Name: See attachment Department: District Resident Engineer Phone: E-mail:</p>

## BMP Summary Sheet

**MS4 Name:** Mn/DOT – Outstate Districts

**Minimum Control Measure:** 4-CONSTRUCTION SITE STORMWATER RUNOFF CONTROL

**Unique BMP Identification Number:** 4f-1

<p><b>*BMP Title:</b> Establishment of Procedures for Site Inspections and Enforcement</p>
<p><b>*BMP Description:</b></p> <p>NPDES permit requirements and contract provisions. Currently, contractors and sub-contractors are required to follow NPDES permit requirements. These requirements are written into MN/DOT's Standard Specifications and Special Provisions. Mn/DOT's Standard Specifications require certified erosion control personnel on applicable construction projects. Personnel are required to perform specific duties and inspections and there are financial consequences if neglected. Mn/DOT Specifications require the Contractor to submit a weekly schedule of proposed erosion control activities for approval.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP: The information included or referenced on this Summary Sheet is intended to meet all SWPPP requirements for this BMP.</p>
<p><b>*Measurable Goals:</b></p> <p>Completion of site inspection reports</p>
<p><b>*Timeline/Implementation Schedule:</b></p> <p>Continue current practices and update as necessary, 2006-2011</p>
<p><b>Specific Components and Notes:</b></p>
<p><b>*Responsible Party for this BMP:</b></p> <p>Name: See attachment Department: District Resident Engineer Phone: E-mail:</p>

## BMP Summary Sheet

**MS4 Name:** Mn/DOT – Outstate Districts

**Minimum Control Measure:** 5-POST-CONSTRUCTION STORMWATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT

**Unique BMP Identification Number:** 5a-1

<p><b>*BMP Title:</b> Development and Implementation of Structural and/or Non-structural BMPs</p>
<p><b>*BMP Description:</b> Design structural and/or non-structural BMPs to comply with the NPDES Construction Permit requirements.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP: The information included or referenced on this Summary Sheet is intended to meet all SWPPP requirements for this BMP.</p>
<p><b>*Measurable Goals:</b> Develop strategies that include structural and non-structural BMPs that consider preventing or reducing water quality impacts.</p>
<p><b>*Timeline/Implementation Schedule:</b> Evaluate current strategies, 2006. Modify as appropriate, 2007. Including design guidelines train and implement, 2008, 2009.</p>
<p><b>Specific Components and Notes:</b></p>
<p><b>*Responsible Party for this BMP:</b> Name: See attachment Department: District Resident Engineer/District Hydraulic Engineer Phone: E-mail:</p>

## BMP Summary Sheet

**MS4 Name:** Mn/DOT – Outstate Districts

**Minimum Control Measure:** 5-POST-CONSTRUCTION STORMWATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT

**Unique BMP Identification Number:** 5b-1

<p><b>*BMP Title:</b> Regulatory Mechanism to Address Post Construction Runoff from New Development and Redevelopment</p>
<p><b>*BMP Description:</b></p> <p>Mn/DOT follows MPCA guidance when designing permanent stormwater management BMPs. These BMPs are incorporated into Mn/DOT construction plans and stormwater pollution prevention plans. By contract they are required to be constructed according to these plans.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP: The information included or referenced on this Summary Sheet is intended to meet all SWPPP requirements for this BMP.</p>
<p><b>*Measurable Goals:</b></p> <p>Continue to design permanent stormwater BMPs with NPDES guidance, and construct these BMPs through the Mn/DOT contracting process</p>
<p><b>*Timeline/Implementation Schedule:</b></p> <p>Continuation of current practice, 2006-2011</p>
<p><b>Specific Components and Notes:</b></p> <p>Compliance with the Construction General Permit, MNR100001, is specifically included in the MS4 NPDES program for post-construction storm water management in new developments and redevelopment.</p>
<p><b>*Responsible Party for this BMP:</b></p> <p>Name: See attachment Department: District Resident Engineer Phone: E-mail:</p>

## BMP Summary Sheet

**MS4 Name:** Mn/DOT – Outstate Districts

**Minimum Control Measure:** 5-POST-CONSTRUCTION STORMWATER MANAGEMENT IN  
NEW DEVELOPMENT AND REDEVELOPMENT

**Unique BMP Identification Number:** 5c-1

<p><b>*BMP Title:</b> Long-term Operation and Maintenance of BMPs</p>
<p><b>*BMP Description:</b></p> <p>Develop guidance and schedule to perform routine maintenance of structural BMPs. Develop training procedures for maintenance staff on the maintenance and operation of pollution control devices and structural BMPs.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP: The information included or referenced on this Summary Sheet is intended to meet all SWPPP requirements for this BMP.</p>
<p><b>*Measurable Goals:</b></p> <p>Train maintenance staff on storm water awareness and BMP operation and maintenance. Develop guidance and schedule for maintenance of BMPs.</p>
<p><b>*Timeline/Implementation Schedule:</b></p> <p>Develop maintenance guidelines and schedule, 2007. Implement training, 2008.</p>
<p><b>Specific Components and Notes:</b></p>
<p><b>*Responsible Party for this BMP:</b></p> <p>Name: See attachment Department: District Maintenance Engineer/District Hydraulic Engineer Phone: E-mail:</p>

# BMP Summary Sheet

**MS4 Name:** Mn/DOT – Outstate Districts

**Minimum Control Measure:** 6-POLLUTION PREVENTION/GOOD HOUSEKEEPING

**Unique BMP Identification Number:** 6a-1

**\*BMP Title:** Municipal Operations and Maintenance Program

**\*BMP Description:**

Mn/DOT Districts currently train truck station supervisors on the importance of erosion control practices. Trainings are given once a year and address MS4 issues as necessary. These trainings will be evaluated and modifications will be made if necessary to ensure proper maintenance activities, maintenance schedules and long-term inspections procedures for structural and non-structural storm water controls. The training program may include materials and information from other municipalities or regional agencies

Location(s) in SWPPP of detailed information relating to this BMP:

The information included or referenced on this Summary Sheet is intended to meet all SWPPP requirements for this BMP.

**\*Measurable Goals:**

**Continue current training activities and make modifications as necessary.**

**\*Timeline/Implementation Schedule:**

Begin to evaluate existing maintenance and operations training programs, 2006

Begin to modify program, as appropriate, 2007

Offer training annually, 2006-2011

**Specific Components and Notes:**

The operations and maintenance program will be an on-going process where we will be evaluating and modifying specific elements, for example, material management, storage tanks (above and below ground), waste trap cleanout, animal removal and disposal, spill response procedures, and street sweeping. This program will include collaboration from Central Office, the Safety Office and Maintenance.

**\*Responsible Party for this BMP:**

Name: See attachment

Department: District Maintenance Engineer/Office of Environmental Services/District Safety Officer

Phone:

E-mail:



# BMP Summary Sheet

**MS4 Name:** Mn/DOT – Outstate Districts

**Minimum Control Measure:** 6-POLLUTION PREVENTION/GOOD HOUSEKEEPING

**Unique BMP Identification Number:** 6a-2

**\*BMP Title:** Street Sweeping\*\*

**\*BMP Description:**

Street Sweeping Program.

Location(s) in SWPPP of detailed information relating to this BMP:

The information included or referenced on this Summary Sheet is intended to meet all SWPPP requirements for this BMP.

**\*Measurable Goals:**

Develop program for frequency and training of street sweeping procedures.

**\*Timeline/Implementation Schedule:**

Continue to perform street sweeping activities on annual basis, typically following the snow removal season, 2006-2011.

**Specific Components and Notes:**

Mn/DOT Districts may work with other municipalities to coordinate a street sweeping program. Mechanical street sweepers will be used to remove sediment and debris from the roadway on an annual basis.

**\*Responsible Party for this BMP:**

Name: See attachment

Department: District Maintenance Engineer

Phone:

E-mail:

## BMP Summary Sheet

**MS4 Name:** Mn/DOT – Outstate Districts

**Minimum Control Measure:** 6-POLLUTION PREVENTION/GOOD HOUSEKEEPING

**Unique BMP Identification Number:** 6b-2

**\*BMP Title:** Annual Inspection of All Structural Pollution Control Devices

**\*BMP Description:**

Inspect and maintain structural pollution control devices on an annual basis.

Location(s) in SWPPP of detailed information relating to this BMP:

The information included or referenced on this Summary Sheet is intended to meet all SWPPP requirements for this BMP.

**\*Measurable Goals:**

Develop inspection criteria and procedures for structural pollution control devices.  
Develop procedures and format for tracking and reporting of inspections.

**\*Timeline/Implementation Schedule:**

Develop procedures for inspection criteria, 2007  
Implement program and training, 2008  
Start annual inspections, 2008

**Specific Components and Notes:**

Develop and implement a program to inspect all structural pollution control devices annually with the possibility of collaborating with local municipalities.

**\*Responsible Party for this BMP:**

Name: See attachment

Department: District Maintenance Engineer

Phone:

E-mail:

## BMP Summary Sheet

**MS4 Name:** Mn/DOT – Outstate Districts

**Minimum Control Measure:** 6-POLLUTION PREVENTION/GOOD HOUSEKEEPING

**Unique BMP Identification Number:** 6b-3

**\*BMP Title:** Inspection of a Minimum of 20 percent of the MS4 Outfalls, Sediment Basins and Ponds Each Year on a Rotating Basis

**\*BMP Description:**

Develop a schedule to inspect 20% of MS4 outfalls, sediment basins and water quality ponds yearly on a rotating basis. The schedule will be the following:

20% of total - 1<sup>st</sup> Year

40% of total - 2<sup>nd</sup> Year

60% of total - 3<sup>rd</sup> Year

80% of total – 4<sup>th</sup> Year

100% - 5<sup>th</sup> Year

Location(s) in SWPPP of detailed information relating to this BMP:

The information included or referenced on this Summary Sheet is intended to meet all SWPPP requirements for this BMP.

**\*Measurable Goals:**

Implement a coordinated program to inspect 20% of all MS4 outfalls, sediment basins and water quality ponds on a yearly basis.

Develop procedures for inspecting, tracking and reporting maintenance of MS4 outfalls, sediment basins and ponds.

**\*Timeline/Implementation Schedule:**

Develop a coordinated reporting format, 2007

Implement inspection program, inspecting 20% annually of all MS4 outfalls, 2007

Coordinate and perform annual inspections, 2007-2011

**Specific Components and Notes:**

Develop procedures for prioritizing, monitoring and reporting repairs, replacements and maintenance of permanent structural pollution control devices. In areas where entire system is inspected at one time, system will not be inspected for another five (5) years.

**\*Responsible Party for this BMP:**

Name: See attachment

Department: District Hydraulic Engineer

Phone:

E-mail:

## BMP Summary Sheet

**MS4 Name:** Mn/DOT – Outstate Districts

**Minimum Control Measure:** 6-POLLUTION PREVENTION/GOOD HOUSEKEEPING

**Unique BMP Identification Number:** 6b-4

**\*BMP Title:** Annual Inspection of All Exposed Stockpile, Storage and Material Handling Areas

**\*BMP Description:**

Mn/DOT Districts will review current sand/salt monitoring and storage practices and will develop and modify practices and policies as necessary to ensure runoff from stockpiles of road deicing materials does not contribute to storm water pollution.

Location(s) in SWPPP of detailed information relating to this BMP:

The information included or referenced on this Summary Sheet is intended to meet all SWPPP requirements for this BMP.

**\*Measurable Goals:**

Review current road deicing material storage and material monitoring.  
Develop or modify current practices if necessary.

**\*Timeline/Implementation Schedule:**

Review current policies on storage and monitoring, 2006-2007.  
Develop and modify current storage and handling policies and practices, 2007.  
Continue current inspection and repair program, 2006-2011.

**Specific Components and Notes:**

**\*Responsible Party for this BMP:**

Name: See attachment

Department: District Maintenance Engineer

Phone:

E-mail:

## BMP Summary Sheet

**MS4 Name:** Mn/DOT – Outstate Districts

**Minimum Control Measure:** 6-POLLUTION PREVENTION/GOOD HOUSEKEEPING

**Unique BMP Identification Number:** 6b-5

**\*BMP Title:** Inspection Follow-up Including the Determination of Whether Repair, Replacement, or Maintenance Measures are Necessary and the Implementation of the Corrective Measures

**\*BMP Description:**

Update and modify current program if necessary to include determination of repair, replacement and/or maintenance measures of structural pollution control devices and procedures for implementation of corrective measures.

Location(s) in SWPPP of detailed information relating to this BMP:

The information included or referenced on this Summary Sheet is intended to meet all SWPPP requirements for this BMP.

**\*Measurable Goals:**

Implement and maintain an inspection database that includes follow-up procedures and remedial actions.

**\*Timeline/Implementation Schedule:**

Evaluate current database, 2007  
Make modifications if necessary to current database, 2008.  
Implement program and offering training, 2009.

**Specific Components and Notes:**

Maintain current inspection database and offer training to maintenance personnel using database.

**\*Responsible Party for this BMP:**

Name: See attachment

Department: District Maintenance Engineer and/or District Hydraulics Engineer

Phone:

E-mail:

## BMP Summary Sheet

**MS4 Name:** Mn/DOT – Outstate Districts

**Minimum Control Measure:** 6-POLLUTION PREVENTION/GOOD HOUSEKEEPING

**Unique BMP Identification Number:** 6b-6

<p><b>*BMP Title:</b> Record Reporting and Retention of All Inspections and Responses to the Inspections</p>
<p><b>*BMP Description:</b></p> <p>Maintain current inspection database, which includes reporting and responses to inspections. Make modifications to database if necessary. Investigate possibility of collaborating with local municipalities in data collection and record keeping.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP: The information included or referenced on this Summary Sheet is intended to meet all SWPPP requirements for this BMP.</p>
<p><b>*Measurable Goals:</b></p> <p>Database containing a record of inspections and responses to inspections.</p>
<p><b>*Timeline/Implementation Schedule:</b></p> <p>Evaluate current database, 2007 Make modifications if necessary to current database, 2008. Maintain database continually, 2008-2011</p>
<p><b>Specific Components and Notes:</b></p>
<p><b>*Responsible Party for this BMP:</b></p> <p>Name: See attachment Department: District Maintenance Engineer/District Hydraulic Engineer Phone: E-mail:</p>

## BMP Summary Sheet

**MS4 Name:** Mn/DOT – Outstate Districts

**Minimum Control Measure:** 6-POLLUTION PREVENTION/GOOD HOUSEKEEPING

**Unique BMP Identification Number:** 6b-7

**\*BMP Title:** Evaluation of Inspection Frequency

**\*BMP Description:**

After two years of inspections, evaluate the inspection program for outfalls, sediment basins, ponds and structural pollution control devices.

Location(s) in SWPPP of detailed information relating to this BMP:

The information included or referenced on this Summary Sheet is intended to meet all SWPPP requirements for this BMP.

**\*Measurable Goals:**

Evaluate inspection program and make modifications if necessary.

**\*Timeline/Implementation Schedule:**

Evaluate inspection program in 2008.  
Make modifications if necessary, 2008.

**Specific Components and Notes:**

If additional maintenance or sediment removal is required during the first and/or second annual inspection, the frequency of inspections may be increased. If maintenance or sediment removal is not required during the first and/or the second annual inspection, the frequency of inspections may be reduced.

**\*Responsible Party for this BMP:**

Name: See attachment

Department: District Hydraulic Engineer

Phone:

E-mail:

## **RECORD KEEPING**

On an annual basis, Mn/DOT will evaluate program compliance including the appropriateness of the identified BMPs and progress towards achieving the identified Measurable Goals. In every Annual Report Mn/DOT will summarize its status of compliance with Permit conditions and plans for stormwater activities during the next reporting cycle, as well as proposing any necessary changes to BMPs or Measurable Goals.

Records related to obtaining the NPDES permit, including copies of the permit application and annual reports, will be retained for a period of at least three (3) years beyond the date of Permit expiration which is May 31, 2011. Records relating to the NPDES permit, including the SWPPP, will be made available to the public and MPCA Commissioner upon request.

## **TOTAL MAXIMUM DAILY LOAD**

When USEPA approved TMDLs are developed, Mn/DOT will review the adequacy of the Outstate MS4 SWPPP to meet the TMDL's Waste Load Allocation. The Outstate MS4 SWPPP will be modified, as appropriate.



## **Discharges to Waters with Prohibited Discharges Narrative**

Mn/DOT MS4s located in the Outstate Districts **DO NOT** discharge to waters with Prohibited Discharges as defined in Minn. R. 7050.0180, subpart 3, 4 and 5.

## **Discharges to waters with Restricted Discharges Narrative**

### **-Lake Superior – Duluth, District 1 \***

- Estimated Total Impervious = 491 Acres
- Estimated Total Area = 1604 Acres
- Estimated % Impervious = 31%

\* Area includes both Lake Superior and St. Louis River/Bay Watershed.

### **-Mississippi River – St. Cloud, District 3**

- Estimated Total Impervious = 248 Acres
- Estimated total Area = 732 Acres
- Estimated % Impervious = 34%

## **Discharges to Trout Waters Narrative**

Mn/DOT discharges to trout waters occur primarily from existing infrastructure. Projects which can affect trout streams are closely coordinated with the appropriate resource agencies, including the Minnesota Department of Natural Resources, to ensure protection of the trout waters.

- St.Louis County – District 1
  - o Chester Creek
  - o Keene Creek
  - o Kingsbury Creek
  - o Lester River
  - o Miller Creek
  - o Sargent Creek
  - o Stewart Creek
  - o Tischer Creek

## **Discharges to Wetlands Narrative**

Mn/DOT follows federal procedures and obtains authorizations for discharges to wetlands (CWA Section 404 and 401, Presidential Executive Order 11990). Mn/DOT also follows state procedures and obtains authorizations for discharges to wetlands. These include DNR Public Waters (MS 103G, MR 6115), Minnesota Wetland Conservation Act (MS 103G, MR 8420), MPCA (MR 7050), and Governors Executive Order on Wetlands (00-02). Mn/DOT is the WCA Local Government Unit (LGU).

## **Discharging requiring Environmental Review Narrative**

The Minnesota Department of Transportation follows federal environmental review procedures required by the National Environmental Policy Act (NEPA) and as further specified by the implementing rules of the Federal Highway Administration (FHWA) at 23 CFR 771. Mn/DOT also follows state environmental review procedures required by the Minnesota Environmental Policy Act (MEPA) and as further specified by the Environmental Quality Board in Minnesota Rules 4410. Mn/DOT is generally the MEPA Responsible Government Unit (RGU).

## **Discharges Affecting Threatened or Endangered Species or Their Habitat Narrative**

The Minnesota Department of Transportation has worked extensively with Federal and State resource agencies (U.S. Fish and Wildlife Service, Minnesota Department of Natural Resources) to establish protocols to ensure that all proposed actions comply with the appropriate laws, statutes and rules in regards to such species and habitat under protection of the Federal and State government.

## **Discharges Affecting Historic or Archeological Sites Narrative**

State and federal statues and regulations require reviews for the preservation of historic and archaeological properties that ensure consideration of impacts to cultural resources in the decision-making process for highways. Review of individual projects by the Mn/DOT Cultural Resources Unit (CRU) ensures that early coordination with state and federal agencies will occur, and that project alternatives will be evaluated to avoid, minimize and mitigate impacts to cultural resources.

The source of funding for a given project is important in determining the scope of the historical, archeological and cultural resources review completed by the Mn/DOT CRU. Federal funding and federal permits prompt a Section 106 review, of the National Historic Preservation Act, by the Mn/DOT CRU. If the project does not use any federal funds, the Mn/DOT CRU conducts a cultural resources review under state regulations.

## **Discharges Affecting Source Water Protection Areas Narrative**

The Minnesota Department of Health has developed draft guidelines for evaluation of proposed stormwater infiltration practices in vulnerable wellhead protection areas. On a project by project basis in these areas, Mn/DOT proposes to make use of MDHs recommendations as appropriate and feasible. This will likely result in a decrease in the use of stormwater infiltration practices in and around these areas.

Mn/DOT will also continue to train staff on the proper response procedures for non stormwater discharges, such as spills, into the MS4 system (see BMPs 3b-1 and 6a-1).