

# **HAVEN TOWNSHIP**

**2006-2011**

## **Storm Water Pollution Prevention Program**

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## **STORMWATER MANAGEMENT SUMMARY**

Haven Township is identified as a regulated small Municipal Separate Storm Sewer System (MS4) under the National Pollutant Discharge Elimination System (NPDES) Phase II regulations. As such, the Township must develop and implement a storm water management program designed to reduce the discharge of pollutants into the Township's storm sewer system.

Haven Township is located south and east of the City of St. Cloud, in the northwest corner of Sherburne County, Minnesota, and is partially within the St. Cloud Urbanized Area. The Township has just over 2000 residents and its land uses consist almost exclusively of agriculture and low density residential. The Township experiences very little growth. On average, Sherburne County issues approximately seven building permits per year within the Township. The Township's growth areas are included within an annexation agreement with the City of St. Cloud and property is typically annexed into that City before significant development occurs.

Haven Township does not regulate any of the planning, zoning or other land use activities within the Township. Sherburne County conducts all planning, zoning and permitting within the Township, including the issuance of building permits. By State law, the Township is subject to the County's rules and regulations relating to land use activities. Since the early 1990s, the County has zoned all property within Haven Township as agricultural (A-1). Under that zoning designation, new residential construction is limited to one house per forty acres.

The Township has no staff or employees other than its elected officials and the Town clerk and treasurer. The Township does not own any road maintenance or other equipment and owns no property other than the Town Hall. All Township road maintenance is done through contracted parties.

The Township's storm sewer system consists primarily of drainage areas adjacent to Town roads. The soil types within the Township are highly permeable and the limited drainage is primarily absorbed into the ground. The only significant drainage infrastructure owned and operated by the Township is a drainage tile consisting of a perforated 16" pipe enclosed in a sock. The pipe was installed in the 1980's and outlets into a wetland on the western edge of the Township. The drainage from the pipe helps maintain the wetland, which is part of the St. Cloud Game Refuge. The Township maintains a permit from the U.S. Army Corps of Engineers for the drain pipe.

The following Best Management Practices (BMPs), which form the Township's SWPPP, were developed as part of the permitting process with the goal of reducing potential pollutants and protecting water quality. The Township's stormwater management plan was also developed with the Township's operational limitations in mind, including that the Township does not regulate land uses or construction practices and has no staff or equipment. Accordingly, the Township has developed its SWPPP to address water quality protection by committing to BMPs that are realistically achievable.

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

Key to Unique BMP ID Numbers	Required BMP Title	Permit Reference
1a-1	Distribute Educational Materials	<b>V.G.1.a</b>
1b-1	Implement an Education Program	<b>V.G.1.b</b>
1c-1	Education Program: Public Education and Outreach	<b>V.G.1.c</b>
1c-2	Education Program: Public Participation	<b>V.G.1.c</b>
1c-3	Education Program: Illicit Discharge Detection and Elimination	<b>V.G.1.c</b>
1c-4	Education Program: Construction Site Run-off Control	<b>V.G.1.c</b>
1c-5	Education Program: Post-Construction Stormwater Management in New Development and Redevelopment	<b>V.G.1.c</b>
1c-6	Education Program: Pollution Prevention/Good Housekeeping for Municipal Operations	<b>V.G.1.c</b>
1d-1	Coordination of Education Program	<b>V.G.1.d</b>
1e-1	Annual Public Meeting	<b>V.G.1.e</b>

# BMP Summary Sheet

MS4 Name: Haven Township

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>Develop an education program to provide the residents of Haven Township educational materials that address the impacts of storm water drainage on water bodies and other water resources. The education program will focus on increasing awareness of the impacts of storm water discharge on water bodies and of steps individuals can take to reduce pollutants in storm water. The educational materials will include:</p> <ol style="list-style-type: none"><li>1) Printed storm water materials from the County, the State, the EPA and other interested organizations.</li><li>2) Storm water and recycling information in the Township's quarterly newsletter.</li><li>3) Links to storm water and recycling information on the Township's web site.</li><li>4) Various information posted on the bulletin board at the Town Hall.</li><li>5) Establish a point of contact for residents who have questions or who would like additional information, or who wish to report a storm water related problem.</li></ol>
<p><b>*Measurable Goals:</b></p> <p>For each distribution method and item, record the audience type, the number of recipients, the number of articles or other materials posted or provided, and the topics covered.</p>
<p><b>*Timeline/Implementation Schedule:</b></p> <p>Ongoing throughout the term of the permit.</p> <p>Solicit new informational materials annually.</p>
<p><b>Specific Components and Notes:</b></p>
<p><b>*Responsible Party for this BMP:</b></p> <p>Name: Mike Zniewski Department: Township Clerk/Treasurer Phone: (320) 252-8934 E-mail: havenclerk@cloudnet.com</p>

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

## BMP Summary Sheet

MS4 Name: Haven Township

Minimum Control Measure: PUBLIC EDUCATION AND OUTREACH

Unique BMP Identification Number: 1b-1

<b>*BMP Title:</b> Implement an Education Program
<b>*BMP Description:</b> The Township will implement the educational program described in 1a-1.
<b>*Measurable Goals:</b> See 1a-1.
<b>*Timeline/Implementation Schedule:</b> See 1a-1.
<b>Specific Components and Notes:</b>
<b>*Responsible Party for this BMP:</b> Name: Mike Zniewski Department: Township Clerk/Treasurer Phone: (320) 252-8934 E-mail: havenclerk@cloudnet.com

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## BMP Summary Sheet

MS4 Name: Haven Township

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 awareness about the impacts of storm water discharge on water bodies and of steps individuals can take to reduce pollutants in storm water.
<b>*Activities Used to Reach Educational Goals:</b> See 1a-1
<b>*Activity Implementation Plan:</b> See 1a-1
<b>*Performance Measures:</b> See 1a-1
<b>*Responsible Party for this BMP:</b> Name: Mike Zniewski Department: Township Clerk/Treasurer Phone: (320) 252-8934 E-mail: <a href="mailto:havenclerk@cloudnet.com">havenclerk@cloudnet.com</a>

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## BMP Summary Sheet

**MS4 Name:** Haven Township

**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> Increase awareness about the impacts of storm water discharge on water bodies and of steps individuals can take to reduce pollutants in storm water. In addition, encourage residents to report storm water management issues and participate in and provide input on the development of the Township's SWPPP.
<b>*Activities Used to Reach Educational Goals:</b> See 1a-1. In addition, discuss storm water related issues with residents during the annual Township recycling and clean up days and at the annual storm water meeting.
<b>*Activity Implementation Plan:</b> Ongoing, throughout the term of the permit.
<b>*Performance Measures:</b> See 1a-1.
<b>*Responsible Party for this BMP:</b> Name: Mike Zniewski Department: Township Clerk/Treasurer Phone: (320) 252-8934 E-mail: <a href="mailto:havenclerk@cloudnet.com">havenclerk@cloudnet.com</a>

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## BMP Summary Sheet

MS4 Name: Haven Township

Minimum Control Measure: PUBLIC EDUCATION AND OUTREACH

Unique BMP Identification Number: 1c-3

<b>*BMP Title:</b> Education Program: Illicit Discharge Detection and Elimination
<b>*Audience(s) Involved:</b> General public.
<b>*Educational Goals for Each Audience:</b> Members of the public should understand the impact of illicit discharges on water quality, the proper disposal for household waste, how to recognize illicit discharges within the Township, and how to report illicit discharges to the Township or Sherburne County.
<b>*Activities Used to Reach Educational Goals:</b> See 1a-1; 3a-1; 3b-1; 3c-1; 3d-1; 3e-1.
<b>*Activity Implementation Plan:</b> See 1a-1; 3a-1; 3b-1; 3c-1; 3d-1; 3e-1.
<b>*Performance Measures:</b> See 1a-1; 3a-1; 3b-1; 3c-1; 3d-1; 3e-1.
<b>*Responsible Party for this BMP:</b> Name: Mike Zniewski Department: Township Clerk/Treasurer Phone: (320) 252-8934 E-mail: <a href="mailto:havenclerk@cloudnet.com">havenclerk@cloudnet.com</a>

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# BMP Summary Sheet

MS4 Name: Haven Township

Minimum Control Measure: PUBLIC EDUCATION AND OUTREACH

Unique BMP Identification Number: 1c-4

<b>*BMP Title:</b> Education Program: Construction Site Run-off Control
<b>*Audience(s) Involved:</b> General public, developers, contractors.
<b>*Educational Goals for Each Audience:</b> Increase awareness about construction site erosion and sediment controls and the impacts of runoff on water bodies.
<b>*Activities Used to Reach Educational Goals:</b> See 1a-1; 4a-1; 4b-1; 4c-1; 4d-1; 4e-1; 4f-1.
<b>*Activity Implementation Plan:</b> See 1a-1; 4a-1; 4b-1; 4c-1; 4d-1; 4e-1; 4f-1.
<b>*Performance Measures:</b> See 1a-1; 4a-1; 4b-1; 4c-1; 4d-1; 4e-1; 4f-1.
<b>*Responsible Party for this BMP:</b> Name: Mike Zniewski Department: Township Clerk/Treasurer Phone: (320) 252-8934 E-mail: <a href="mailto:havenclerk@cloudnet.com">havenclerk@cloudnet.com</a>

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## BMP Summary Sheet

MS4 Name: Haven Township

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, developers, contractors.
<b>*Educational Goals for Each Audience:</b> Increase awareness about post-construction storm water management, compliance with erosion control practices, and how to reduce pollutants in storm water runoff.
<b>*Activities Used to Reach Educational Goals:</b> See 1a-1; 5a-1; 5b-1; 5c-1.
<b>*Activity Implementation Plan:</b> See 1a-1; 5a-1; 5b-1; 5c-1.
<b>*Performance Measures:</b> See 1a-1; 5a-1; 5b-1; 5c-1.
<b>*Responsible Party for this BMP:</b> Name: Mike Zniewski Department: Township Clerk/Treasurer Phone: (320) 252-8934 E-mail: <a href="mailto:havenclerk@cloudnet.com">havenclerk@cloudnet.com</a>

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## BMP Summary Sheet

**MS4 Name:** Haven Township

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

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

**\*BMP Title:** Education Program: Pollution Prevention/Good Housekeeping for Municipal Operations

**\*Audience(s) Involved:**

General public, Township officials and contractors.

**\*Educational Goals for Each Audience:**

Increase awareness about the affect Township operations such as road maintenance can have on storm water discharge. Identify methods and practices that reduce water quality impacts.

**\*Activities Used to Reach Educational Goals:**

See 6a-1; 6a-2; 6b-1; 6b-2; 6b-3; 6b-4; 6b-5; 6b-6; 6b-7.

**\*Activity Implementation Plan:**

See 6a-1; 6a-2; 6b-1; 6b-2; 6b-3; 6b-4; 6b-5; 6b-6; 6b-7.

**\*Performance Measures:**

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

Name: Mike Zniewski

Department: Township Clerk/Treasurer

Phone: (320) 252-8934

E-mail: [havenclerk@cloudnet.com](mailto:havenclerk@cloudnet.com)

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## BMP Summary Sheet

**MS4 Name:** Haven Township

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

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

**\*BMP Title:** Coordination of Education Program

**\*BMP Description:**

The Township's educational program integrates educational materials from many other entities.

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

**\*Measurable Goals:**

See 1a-1; 1b-1; 1c-1; 1c-2; 1c-3; 1c-4; 1c-5; 1c-6.

**\*Timeline/Implementation Schedule:**

Ongoing throughout the term of the permit.

See 1a-1; 1b-1; 1c-1; 1c-2; 1c-3; 1c-4; 1c-5; 1c-6.

**Specific Components and Notes:**

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

Name: Mike Zniewski

Department: Township Clerk/Treasurer

Phone: (320) 252-8934

E-mail: [havenclerk@cloudnet.com](mailto:havenclerk@cloudnet.com)

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## BMP Summary Sheet

MS4 Name: Haven Township

Minimum Control Measure: PUBLIC EDUCATION AND OUTREACH

Unique BMP Identification Number: 1e-1

**\*BMP Title:** Annual Public Meeting

**\*BMP Description:**

The Township will conduct an annual storm water public meeting to discuss storm water issues. At the meeting the Township will review the SWPPP and allow for public input regarding the SWPPP.

**\*Measurable Goals:**

Annual public meeting will be held.

**\*Timeline/Implementation Schedule:**

Annually prior to June 30 for the term of the permit.

**Specific Components and Notes:**

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

Name: Mike Zniewski

Department: Township Clerk/Treasurer

Phone: (320) 252-8934

E-mail: [havenclerk@cloudnet.com](mailto:havenclerk@cloudnet.com)

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

<b>Key to Unique BMP ID Numbers</b>	<b>Required BMP Title</b>	<b>Permit Reference</b>
2a-1	Comply with Public Notice Requirements	<b>V.G.2.a</b>
2b-1	Solicit Public Input and opinion on the Adequacy of the SWPPP	<b>V.G.2.b</b>
2c-1	Consider Public Input	<b>V.G.2.c</b>

## BMP Summary Sheet

**MS4 Name:** Haven Township

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

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

<p><b>*BMP Title:</b> Comply with Public Notice Requirements</p>
<p><b>*BMP Description:</b></p> <p>The Township will publish notice of a public meeting in the official Township newspaper at least 30 days prior to the annual SWPPP meeting. Notice of the meeting will also be posted at the Town Hall and on the Township web site. The public notice will include the date, time and location of the meeting; the procedures for conducting the meeting; information on how to obtain a copy of the SWPPP for review; the date the annual report is available and information on how to obtain a copy of the annual report for review.</p>
<p><b>*Measurable Goals:</b></p> <p>The public notice requirements will be completed.</p> <p>The number of locations the public meeting notice was posted and the number of notices distributed to interested persons.</p>
<p><b>*Timeline/Implementation Schedule:</b></p> <p>The 30 day public meeting notice will be published annually for the term of the permit.</p>
<p><b>Specific Components and Notes:</b></p>
<p><b>*Responsible Party for this BMP:</b></p> <p>Name: Mike Zniewski Department: Township Clerk/Treasurer Phone: (320) 252-8934 E-mail: <a href="mailto:havenclerk@cloudnet.com">havenclerk@cloudnet.com</a></p>

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## BMP Summary Sheet

**MS4 Name:** Haven Township

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

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

**\*BMP Title:** Solicit Public Input and opinion on the Adequacy of the SWPPP

**\*BMP Description:**

The Township will conduct an annual public meeting to discuss storm water issues and allow for public input regarding the SWPPP.

Public input will be solicited through the Township's web site and the public notice and other education activities discussed in 1a-1 and 2a-1.

**\*Measurable Goals:**

Public meeting completed.

Number of speakers and written comments received at the public meeting.

**\*Timeline/Implementation Schedule:**

Annually prior to the submission of the SWPPP annual report throughout the term of the permit.

**Specific Components and Notes:**

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

Name: Mike Zniewski

Department: Township Clerk/Treasurer

Phone: (320) 252-8934

E-mail: [havenclerk@cloudnet.com](mailto:havenclerk@cloudnet.com)

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## BMP Summary Sheet

**MS4 Name:** Haven Township

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

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

**\*BMP Title:** Consider Public Input

**\*BMP Description:**

The Township will make a record of the oral and written public comments received at the annual meeting. A summary of the public comments will be compiled for the annual report. The Township will give consideration to all comments received and if appropriate, the public comments will be incorporated into SWPPP modifications proposed in the annual report.

**\*Measurable Goals:**

Compile record of public comments.

Complete public comment summary for annual report.

Submit SWPPP modifications, if appropriate, with annual report.

**\*Timeline/Implementation Schedule:**

Annually, after public SWPPP meeting and before the June 30 submission of annual report.

**Specific Components and Notes:**

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

Name: Mike Zniewski

Department: Township Clerk/Treasurer

Phone: (320) 252-8934

E-mail: [havenclerk@cloudnet.com](mailto:havenclerk@cloudnet.com)

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

<b>Key to Unique BMP ID Numbers</b>	<b>Required BMP Title</b>	<b>Permit Reference</b>
3a-1	Storm Sewer System Map	<b>V.G.3.a</b>
3b-1	Regulatory Control Program	<b>V.G.3.b</b>
3c-1	Illicit Discharge Detection and Elimination Plan	<b>V.G.3.c</b>
3d-1	Public and Employee Illicit Discharge Information Program	<b>V.G.3.d</b>
3e-1	Identification of Non Stormwater Discharges and Flows	<b>V.G.3.e</b>

## BMP Summary Sheet

**MS4 Name:** Haven Township

**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></p> <p>The Township is developing a storm sewer system map of all ponds, streams lakes and wetlands that are part of the Township's storm sewer system. The map will also include any pipes and conveyances that are 24 inches or greater in diameter, as well as outfalls and other discharge points. The map will be completed by June 30, 2008 and will be used by the Township to monitor and inspect the components of its storm sewer system.</p>
<p><b>*Measurable Goals:</b></p> <p>The goals will be determined by achieving the implementation schedule provided below for each annual reporting period. The overall goal is to produce a map that the Township can utilize for appropriate management of its storm sewer system.</p>
<p><b>*Timeline/Implementation Schedule:</b></p> <p>The map will be completed by 6/30/08. Once completed, the map will be reviewed each year at the annual review and any necessary updated will be made.</p>
<p><b>Specific Components and Notes:</b></p>
<p><b>*Responsible Party for this BMP:</b></p> <p>Name: Mike Zniewski Department: Township Clerk/Treasurer Phone: (320) 252-8934 E-mail: <a href="mailto:havenclerk@cloudnet.com">havenclerk@cloudnet.com</a></p>

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## BMP Summary Sheet

**MS4 Name:** Haven Township

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

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

<b>*BMP Title:</b> Regulatory Control Program
<b>*BMP Description:</b> <p>The Township does not regulate land uses, but Township residents and contractors must comply with Sherburne County ordinances, including the County's Solid Waste Management Ordinance, and other regulatory mechanisms in prohibiting non-storm water discharges into the Township's system. The County is responsible for enforcement actions relating to violations of the County's ordinances. The Township will coordinate with the County in reviewing the effectiveness of the County's current ordinances and in reporting any illicit discharges to the County for appropriate enforcement actions.</p> <p>In addition, the Township is considering contracting with Sherburne County to retain an employee, to be employed by the County, but to work primarily on Township matters, including land use and storm water matters within the Township. If completed, the employee agreement would allow the Township to have a primary point of contact at the County to facilitate storm water regulation within the Township.</p>
<b>*Measurable Goals:</b> <p>The Township will coordinate with the County to review the County's current ordinances relating to illicit discharges. The Township will document all instances of illicit discharges reported to the County and any enforcement or other corrective actions taken.</p>
<b>*Timeline/Implementation Schedule:</b> <p>In the first year the Township will review the County's existing ordinances and coordinate with the County on reporting and enforcement issues. The Township will annually document instances of illicit discharges reported to the County and the enforcement or other corrective actions taken.</p>
<b>Specific Components and Notes:</b>
<b>*Responsible Party for this BMP:</b> Name: Mike Zniewski Department: Township Clerk/Treasurer Phone: (320) 252-8934 E-mail: <a href="mailto:havenclerk@cloudnet.com">havenclerk@cloudnet.com</a>

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

## BMP Summary Sheet

**MS4 Name:** Haven Township

**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>Although the Township currently has no staff, Township Board members and citizens view storm sewer components for potential illicit discharges. The Town Board visually inspects Town roads and storm sewer components in April of each year. In connection with completing the storm sewer mapping, the Township will attempt to identify priority areas that are likely to have illicit discharges. The Township will also coordinate with the County for reporting potential illicit discharges identified by citizens and Board members and will document any corrective actions taken.</p>
<p><b>*Measurable Goals:</b></p> <p>The Township will coordinate with the County for reporting potential illicit discharges and will document any corrective action taken.</p>
<p><b>*Timeline/Implementation Schedule:</b></p> <p>Ongoing throughout the term of the permit.</p>
<p><b>Specific Components and Notes:</b></p>
<p><b>*Responsible Party for this BMP:</b></p> <p>Name: Mike Zniewski Department: Township Clerk/Treasurer Phone: (320) 252-8934 E-mail: <a href="mailto:havenclerk@cloudnet.com">havenclerk@cloudnet.com</a></p>

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

## BMP Summary Sheet

**MS4 Name:** Haven Township

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

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

**\*BMP Title:** Public and Employee Illicit Discharge Information Program

**\*BMP Description:**

The Township has no employees, but in connection with the educational program identified in BMP 1a-1 will inform the public about the hazards associated with illegal discharges and the improper disposal of waste. This will include making publications from Sherburne County and other items available to the public, coordinating with the County to facilitate public complaints of illicit discharges or improper waste disposal. The Township currently organizes an annual clean up and recycling day, which provides an opportunity for residents and Township officials to discuss proper waste disposal and the impacts of discharges on the storm water system.

**\*Measurable Goals:**

The Township will make available at the Town Hall publications from Sherburne County and other items to inform the public as to the potential hazards associated with illegal discharges and the improper disposal of waste. The Township will also continue its annual clean up and recycling day, held in May of each year. The Township will coordinate with the County to facilitate public complaints of illicit discharges or improper waste disposal. The Township will provide a link to the MPCA on the Township's web site.

**\*Timeline/Implementation Schedule:**

Ongoing throughout the term of the permit.

The clean up and recycling day will continue annually.

**Specific Components and Notes:**

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

Name: Mike Zniewski

Department: Township Clerk/Treasurer

Phone: (320) 252-8934

E-mail: [havenclerk@cloudnet.com](mailto:havenclerk@cloudnet.com)

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

# BMP Summary Sheet

**MS4 Name:** Haven Township

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

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

<b>*BMP Title:</b> Identification of Non Stormwater Discharges and Flows																				
<b>*BMP Description:</b> The Township has reviewed the following categories of non-storm water discharges and has determined that none identified in the list are known to be significant contributors of pollutants to the Township's system at this time.  <table><tr><td>Water line flushing</td><td>Landscape irrigation</td></tr><tr><td>Diverted stream flows</td><td>Rising ground waters</td></tr><tr><td>Uncontaminated ground water</td><td>Uncontaminated pumped ground water</td></tr><tr><td>Discharges from potable water sources</td><td>Foundation drains</td></tr><tr><td>Air conditioning condensation</td><td>Irrigation water</td></tr><tr><td>Springs</td><td>Water from crawl space pumps</td></tr><tr><td>Footing drains</td><td>Lawn watering</td></tr><tr><td>Individual residential car washing</td><td>Flows from riparian habitats and wetlands</td></tr><tr><td>Dechlorinated swimming pool discharges</td><td>Street wash water</td></tr><tr><td>Discharges or flows from fire fighting activities</td><td></td></tr></table>	Water line flushing	Landscape irrigation	Diverted stream flows	Rising ground waters	Uncontaminated ground water	Uncontaminated pumped ground water	Discharges from potable water sources	Foundation drains	Air conditioning condensation	Irrigation water	Springs	Water from crawl space pumps	Footing drains	Lawn watering	Individual residential car washing	Flows from riparian habitats and wetlands	Dechlorinated swimming pool discharges	Street wash water	Discharges or flows from fire fighting activities	
Water line flushing	Landscape irrigation																			
Diverted stream flows	Rising ground waters																			
Uncontaminated ground water	Uncontaminated pumped ground water																			
Discharges from potable water sources	Foundation drains																			
Air conditioning condensation	Irrigation water																			
Springs	Water from crawl space pumps																			
Footing drains	Lawn watering																			
Individual residential car washing	Flows from riparian habitats and wetlands																			
Dechlorinated swimming pool discharges	Street wash water																			
Discharges or flows from fire fighting activities																				
<b>*Measurable Goals:</b> Review non-storm water discharge list annually to evaluate potential significance of each item.																				
<b>*Timeline/Implementation Schedule:</b> Annually throughout the term of the permit.																				
<b>Specific Components and Notes:</b>																				
<b>*Responsible Party for this BMP:</b> Name: Mike Zniewski Department: Township Clerk/Treasurer Phone: (320) 252-8934 E-mail: <a href="mailto:havenclerk@cloudnet.com">havenclerk@cloudnet.com</a>																				

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

<b>Key to Unique BMP ID Numbers</b>	<b>Required BMP Title</b>	<b>Permit Reference</b>
4a-1	Ordinance or other Regulatory Mechanism	<b>V.G.4.a</b>
4b-1	Construction Site Implementation of Erosion and Sediment Control BMPs	<b>V.G.4.b</b>
4c-1	Waste Controls for Construction Site Operators	<b>V.G.4.c</b>
4d-1	Procedure for Site Plan Review	<b>V.G.4.d</b>
4e-1	Establishment of Procedures for the Receipt and Consideration of Reports of Stormwater Noncompliance	<b>V.G.4.e</b>
4f-1	Establishment of Procedures for Site Inspections and Enforcement	<b>V.G.4.f</b>

## BMP Summary Sheet

**MS4 Name:** Haven Township

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

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

<b>*BMP Title:</b> Ordinance or other Regulatory Mechanism
<b>*BMP Description:</b> <p>The Township does not regulate land uses, but must comply with Sherburne County ordinances and other regulatory mechanisms in regulating construction site storm water runoff within the Township. The County is responsible for enforcement actions relating to violations of the County's ordinances. The Township will coordinate with the County in reviewing the effectiveness of the County's current ordinances and in reporting any runoff issues to the County for appropriate actions.</p> <p>In addition, the Township is considering contracting with Sherburne County to retain an employee, to be employed by the County, but to work primarily on Township matters, including land use and storm water matters within the Township. If completed, the employee agreement would allow the Township to have a primary point of contact at the County to facilitate storm water regulation within the Township.</p>
<b>*Measurable Goals:</b> <p>The Township will coordinate with the County to review the County's current ordinances relating to construction site storm water runoff control. The Township will document runoff issues reported to the County and any corrective actions taken.</p>
<b>*Timeline/Implementation Schedule:</b> <p>Ongoing throughout the term of the permit.</p>
<b>Specific Components and Notes:</b>
<b>*Responsible Party for this BMP:</b> Name: Mike Zniewski Department: Township Clerk/Treasurer Phone: (320) 252-8934 E-mail: <a href="mailto:havenclerk@cloudnet.com">havenclerk@cloudnet.com</a>

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

## BMP Summary Sheet

**MS4 Name:** Haven Township

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

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

<b>*BMP Title:</b> Construction Site Implementation of Erosion and Sediment Control BMPs
<b>*BMP Description:</b> Township residents and contractors must comply with Sherburne County ordinances and other regulatory mechanisms relating to erosion control issues and construction site runoff. The Township will work with the County to ensure that the County's ordinances are complied with and cooperate with the County on any necessary corrective actions.
<b>*Measurable Goals:</b> Where appropriate, review ordinances with County and recommend modifications.
<b>*Timeline/Implementation Schedule:</b> Ongoing throughout the term of the permit.
<b>Specific Components and Notes:</b>
<b>*Responsible Party for this BMP:</b> Name: Mike Zniewski Department: Township Clerk/Treasurer Phone: (320) 252-8934 E-mail: <a href="mailto:havenclerk@cloudnet.com">havenclerk@cloudnet.com</a>

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## BMP Summary Sheet

**MS4 Name:** Haven Township

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

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

<b>*BMP Title:</b> Waste Controls for Construction Site Operators
<b>*BMP Description:</b> Township residents and contractors are subject to Sherburne County ordinances designed to control waste from construction site operators. The Township will work with the County to ensure that the County's ordinances are complied with and cooperate with the County on any necessary corrective actions.
<b>*Measurable Goals:</b> Where appropriate, review ordinances with County and recommend modifications.
<b>*Timeline/Implementation Schedule:</b> Ongoing throughout the term of the permit.
<b>Specific Components and Notes:</b>
<b>*Responsible Party for this BMP:</b> Name: Mike Zniewski Department: Township Clerk/Treasurer Phone: (320) 252-8934 E-mail: <a href="mailto:havenclerk@cloudnet.com">havenclerk@cloudnet.com</a>

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## BMP Summary Sheet

**MS4 Name:** Haven Township

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

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

<b>*BMP Title:</b> Procedure for Site Plan Review
<b>*BMP Description:</b> Township residents and contractors are subject to Sherburne County's ordinances relating to site plan review. The Township will communicate with the County to insure that site plan review is being conducted within the Township according to the County's ordinances.
<b>*Measurable Goals:</b> Where appropriate, review ordinances with County and recommend modifications.
<b>*Timeline/Implementation Schedule:</b> Ongoing throughout the term of the permit.
<b>Specific Components and Notes:</b>
<b>*Responsible Party for this BMP:</b> Name: Mike Zniewski Department: Township Clerk/Treasurer Phone: (320) 252-8934 E-mail: <a href="mailto:havenclerk@cloudnet.com">havenclerk@cloudnet.com</a>

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## BMP Summary Sheet

**MS4 Name:** Haven Township

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

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

<b>*BMP Title:</b> Establishment of Procedures for the Receipt and Consideration of Reports of Stormwater Noncompliance
<b>*BMP Description:</b> Township residents and contractors are subject to the County's ordinances relating to enforcement of storm water related ordinances. The Township currently refers any and all complaints received from the general public relating to stormwater noncompliance to the County for enforcement.
<b>*Measurable Goals:</b> Follow up with County on referred reports relating to stormwater noncompliance
<b>*Timeline/Implementation Schedule:</b> Ongoing throughout the term of the permit.
<b>Specific Components and Notes:</b>
<b>*Responsible Party for this BMP:</b> Name: Mike Zniewski Department: Township Clerk/Treasurer Phone: (320) 252-8934 E-mail: <a href="mailto:havenclerk@cloudnet.com">havenclerk@cloudnet.com</a>

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## BMP Summary Sheet

**MS4 Name:** Haven Township

**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>The Township is subject to Sherburne County's ordinances relating to enforcement of storm water related ordinances. Currently the County is responsible for site inspections and enforcement in the Township in accordance with the County's ordinances. The Township will work with the County to ensure that the County's ordinances are complied with and cooperate with the County on any necessary corrective actions.</p>
<p><b>*Measurable Goals:</b></p> <p>Communicate with County regarding site inspections and necessary follow up.</p>
<p><b>*Timeline/Implementation Schedule:</b></p> <p>Annually throughout the term of the permit.</p>
<p><b>Specific Components and Notes:</b></p>
<p><b>*Responsible Party for this BMP:</b></p> <p>Name: Mike Zniewski Department: Township Clerk/Treasurer Phone: (320) 252-8934 E-mail: <a href="mailto:havenclerk@cloudnet.com">havenclerk@cloudnet.com</a></p>

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

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

<b>Key to Unique BMP ID Numbers</b>	<b>Required BMP Title</b>	<b>Permit Reference</b>
5a-1	Development and Implementation of Structural and/or Non-structural BMPs	<b>V.G.5.a</b>
5b-1	Regulatory Mechanism to Address Post Construction Runoff from New Development and Redevelopment	<b>V.G.5.b</b>
5c-1	Long-term Operation and Maintenance of BMPs	<b>V.G.5.c</b>

## BMP Summary Sheet

**MS4 Name:** Haven Township

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

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

<b>*BMP Title:</b> Development and Implementation of Structural and/or Non-structural BMPs
<b>*BMP Description:</b> <p>Township residents and contractors are subject to Sherburne County's ordinances relating to requirements for post-construction storm water management. Post-construction storm water controls in the Township are typically owned and maintained by private individuals or associations. The Township will review the County's ordinances for the effectiveness of natural and artificial storm water storage and retention requirements.</p> <p>In addition, the Township is considering contracting with Sherburne County to retain an employee, to be employed by the County, but to work primarily on Township matters, including land use and storm water matters within the Township. If completed, the employee agreement would allow the Township to have a primary point of contact at the County to facilitate storm water regulation within the Township.</p>
<b>*Measurable Goals:</b> Where appropriate, review ordinances with County and recommend modifications.
<b>*Timeline/Implementation Schedule:</b> Ongoing throughout the term of the permit.
<b>Specific Components and Notes:</b>
<b>*Responsible Party for this BMP:</b> Name: Mike Zniewski Department: Township Clerk/Treasurer Phone: (320) 252-8934 E-mail: <a href="mailto:havenclerk@cloudnet.com">havenclerk@cloudnet.com</a>

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## BMP Summary Sheet

**MS4 Name:** Haven Township

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

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

<b>*BMP Title:</b> Regulatory Mechanism to Address Post Construction Runoff from New Development and Redevelopment
<b>*BMP Description:</b> Township residents and contractors are subject to Sherburne County's ordinances relating to post-construction storm water management. The Township will review the County's ordinances for the effectiveness of natural and artificial storm water water storage and retention requirements.
<b>*Measurable Goals:</b> Where appropriate, review ordinances with County and recommend modifications.
<b>*Timeline/Implementation Schedule:</b> Ongoing throughout the term of the permit.
<b>Specific Components and Notes:</b>
<b>*Responsible Party for this BMP:</b> Name: Mike Zniewski Department: Township Clerk/Treasurer Phone: (320) 252-8934 E-mail: <a href="mailto:havenclerk@cloudnet.com">havenclerk@cloudnet.com</a>

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## BMP Summary Sheet

**MS4 Name:** Haven Township

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

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

<b>*BMP Title:</b> Long-term Operation and Maintenance of BMPs
<b>*BMP Description:</b> Township residents and contractors are subject to Sherburne County's ordinances relating to requirements for post-construction storm water management. Post-construction storm water controls in the Township are typically owned and maintained by private individuals or associations. The Township will review the County's ordinances for the effectiveness of maintenance requirements.
<b>*Measurable Goals:</b> Where appropriate, review ordinances with County and recommend modifications.
<b>*Timeline/Implementation Schedule:</b> Ongoing throughout the term of the permit.
<b>Specific Components and Notes:</b>
<b>*Responsible Party for this BMP:</b> Name: Mike Zniewski Department: Township Clerk/Treasurer Phone: (320) 252-8934 E-mail: <a href="mailto:havenclerk@cloudnet.com">havenclerk@cloudnet.com</a>

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

Key to Unique BMP ID Numbers	Required BMP Title	Permit Reference
6a-1	Municipal Operations and Maintenance Program	V.G.6.a
6a-2	Street Sweeping**	
6b-2	Annual Inspection of All Structural Pollution Control Devices	V.G.6.b.2
6b-3	Inspection of a Minimum of 20 percent of the MS4 Outfalls, Sediment Basins and Ponds Each Year on a Rotating Basis	V.G.6.b.3
6b-4	Annual Inspection of All Exposed Stockpile, Storage and Material Handling Areas	V.G.6.b.4
6b-5	Inspection Follow-up Including the Determination of Whether Repair, Replacement, or Maintenance Measures are Necessary and the Implementation of the Corrective Measures	V.G.6.b.5
6b-6	Record Reporting and Retention of all Inspections and Responses to the Inspections	V.G.6.b.6
6b-7	Evaluation of Inspection Frequency	V.G.6.b.7

## BMP Summary Sheet

**MS4 Name:** Haven Township

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

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

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

**\*BMP Description:**

The Township does not have any staff and does not maintain any operations or maintenance program for facilities and other infrastructure. The Township contracts for its road maintenance and snow clearing operations. The Township will work with Sherburne County to implement specific standards for Township contractors, including standards for handling debris collected during maintenance operations.

In addition, the Township is considering contracting with Sherburne County to retain an employee, to be employed by the County, but to work primarily on Township matters, including land use and storm water matters within the Township. If completed, the employee agreement would allow the Township to have a primary point of contact at the County to facilitate storm water regulation and municipal operation standards within the Township.

**\*Measurable Goals:**

Analyze existing Township maintenance contracting procedures for their potential effect on the Townships storm water system. Where appropriate, integrate County standards into a Township program for contractors retained for municipal operations.

**\*Timeline/Implementation Schedule:**

Ongoing throughout the term of the permit.

**Specific Components and Notes:**

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

Name: Mike Zniewski

Department: Township Clerk/Treasurer

Phone: (320) 252-8934

E-mail: [havenclerk@cloudnet.com](mailto:havenclerk@cloudnet.com)

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

## BMP Summary Sheet

MS4 Name: Haven Township

Minimum Control Measure: 6-POLLUTION PREVENTION/GOOD HOUSEKEEPING

Unique BMP Identification Number: 6a-2

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

**\*BMP Description:**

The Township does not currently conduct any street sweeping.

**\*Measurable Goals:**

Not applicable.

**\*Timeline/Implementation Schedule:**

Not applicable.

**Specific Components and Notes:**

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

Name: Mike Zniewski

Department: Township Clerk/Treasurer

Phone: (320) 252-8934

E-mail: [havenclerk@cloudnet.com](mailto:havenclerk@cloudnet.com)

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

## BMP Summary Sheet

**MS4 Name:** Haven Township

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

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

<b>*BMP Title:</b> Annual Inspection of All Structural Pollution Control Devices
<b>*BMP Description:</b> The Township does not own or operate any structural pollution control devices. If any are installed during the term of the permit, an appropriate inspection and maintenance program will be implemented.
<b>*Measurable Goals:</b> Not applicable.
<b>*Timeline/Implementation Schedule:</b> Not applicable.
<b>Specific Components and Notes:</b>
<b>*Responsible Party for this BMP:</b> Name: Mike Zniewski Department: Township Clerk/Treasurer Phone: (320) 252-8934 E-mail: <a href="mailto:havenclerk@cloudnet.com">havenclerk@cloudnet.com</a>

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## BMP Summary Sheet

**MS4 Name:** Haven Township

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

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

<b>*BMP Title:</b> Inspection of a Minimum of 20 percent of the MS4 Outfalls, Sediment Basins and Ponds Each Year on a Rotating Basis
<b>*BMP Description:</b> A minimum of 20% of the outfalls, sediment basis and ponds owned or operated by the Township will be inspected annually. Records relating to the inspections and any necessary cleaning or other maintenance will be maintained.
<b>*Measurable Goals:</b> Number of outfalls, basins and ponds inspected (not less than 20%). Number of outfalls, basis or ponds from which sediment was removed.
<b>*Timeline/Implementation Schedule:</b> Annually throughout the term of the permit.
<b>Specific Components and Notes:</b>
<b>*Responsible Party for this BMP:</b> Name: Mike Zniewski Department: Township Clerk/Treasurer Phone: (320) 252-8934 E-mail: <a href="mailto:havenclerk@cloudnet.com">havenclerk@cloudnet.com</a>

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## BMP Summary Sheet

MS4 Name: Haven Township

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:**

The Township does not stockpile or store any building or road maintenance materials and instead contracts for those services.

**\*Measurable Goals:**

Not applicable.

**\*Timeline/Implementation Schedule:**

Not applicable.

**Specific Components and Notes:**

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

Name: Mike Zniewski

Department: Township Clerk/Treasurer

Phone: (320) 252-8934

E-mail: [havenclerk@cloudnet.com](mailto:havenclerk@cloudnet.com)

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## BMP Summary Sheet

MS4 Name: Haven Township

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:**

The Township currently inspects its roads and storm sewer system in April of each year and makes necessary repairs or maintenance as required.

**\*Measurable Goals:**

Annual inspection of storm sewer system.

Documentation of necessary repairs or maintenance.

**\*Timeline/Implementation Schedule:**

Annually throughout the term of the permit.

**Specific Components and Notes:**

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

Name: Mike Zniewski

Department: Township Clerk/Treasurer

Phone: (320) 252-8934

E-mail: [havenclerk@cloudnet.com](mailto:havenclerk@cloudnet.com)

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# BMP Summary Sheet

**MS4 Name:** Haven Township

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

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

**\*BMP Title:** Record Reporting and Retention of All Inspections and Responses to the Inspections

**\*BMP Description:**

The Township will maintain a program to record the results of all inspections and any repair or other maintenance deemed necessary following the inspections, as well as records relating to the completion of the maintenance or repairs. That information will be summarized in the Township's annual storm water report. The documents and records will be retained electronically to the extent practicable. Records will be retained at least three years beyond the term of the permit.

**\*Measurable Goals:**

The record keeping system is utilized appropriately, as evidenced by the complete records retained.

Inspection results will be summarized as part of the annual report.

Records will be retained for at least three years beyond the term of the permit.

**\*Timeline/Implementation Schedule:**

Annually throughout the term of the permit.

**Specific Components and Notes:**

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

Name: Mike Zniewski

Department: Township Clerk/Treasurer

Phone: (320) 252-8934

E-mail: [havenclerk@cloudnet.com](mailto:havenclerk@cloudnet.com)

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## BMP Summary Sheet

MS4 Name: Haven township

Minimum Control Measure: 6-POLLUTION PREVENTION/GOOD HOUSEKEEPING

Unique BMP Identification Number: 6b-7

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

**\*BMP Description:**

The inspections conducted as part of BMP's 6b-2 and 6b-3 will be evaluated. If maintenance patterns become apparent after two years, the frequency of inspections will be increased as necessary.

**\*Measurable Goals:**

Evaluate results of inspections.

Increase inspections if shown necessary by maintenance pattern.

**\*Timeline/Implementation Schedule:**

Ongoing throughout the term of the permit.

**Specific Components and Notes:**

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

Name: Mike Zniewski

Department: Township Clerk/Treasurer

Phone: (320) 252-8934

E-mail: [havenclerk@cloudnet.com](mailto:havenclerk@cloudnet.com)

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

**Additional BMPS:  
RESTRICTED DISCHARGE WATERS**

<b>Key to Unique BMP ID Numbers</b>	<b>Required BMP Title</b>	<b>Permit Reference</b>
7-1	Restricted Discharge Waters	
7-2	Response to Listing of Impaired Waters	
7-3	Response to TMDL Waste Load Allocation	

# BMP Summary Sheet

**MS4 Name:** Haven township

**Minimum Control Measure:** 7-ADDITIONAL BMPS

**Unique BMP Identification Number:** 7-1

**\*BMP Title:** Restricted Discharge Waters

**\*BMP Description:**

A portion of the Mississippi River within the Township has been designated as a restricted discharge water. The Township will prepare and submit a map and assessment as required by Part IX, Appendix C, Section B(2)(a), (b) of the Permit. The assessment and any appropriate suggested changes to the Township's SWPPP will be presented for public comments prior to the Township's next annual report. The Township will work with the MPCA to determine whether any changes to the SWPPP are necessary and appropriate to meet restricted discharge requirements.

**\*Measurable Goals:**

Prepare and submit map and assessment as required by Part IX, Appendix C, Section B(2)(a), (b) of the Permit.

Present assessment to public and submit to MPCA.

Modify SWPPP as necessary to meet restricted discharge requirements.

**\*Timeline/Implementation Schedule:**

Prior to next annual report.

**Specific Components and Notes:**

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

Name: Mike Zniewski

Department: Township Clerk/Treasurer

Phone: (320) 252-8934

E-mail: [havenclerk@cloudnet.com](mailto:havenclerk@cloudnet.com)

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## BMP Summary Sheet

**MS4 Name:** Haven township

**Minimum Control Measure:** 7-ADDITIONAL BMPS

**Unique BMP Identification Number:** 7-2

**\*BMP Title:** Response to Listing of Impaired Waters

**\*BMP Description:**

The Township will take the following steps to address discharges that may impact impaired waters:

- (1) The Township will identify the location of any discharge from the Township's MS4 into an impaired water and delineate the subwatershed areas within the Township that discharge into the impaired waters.
- (2) The Township will evaluate the hydrology and land use characteristics of the subwatershed area and determine whether any changes to the Township's SWPPP are appropriate to reduce the impact from discharges from the Township's MS4 into impaired waters. The evaluation will recognize that Sherburne County regulates land uses within the Township and that any future development is likely to occur only after annexation of the Township into the City of St. Cloud. The Township will therefore coordinate with the County and the City of St. Cloud in taking steps to reduce impacts to impaired waters.
- (3) The Township will work with the MPCA to modify the Township's SWPPP as necessary.

**\*Measurable Goals:**

A map identifying the location of any discharge from the Township's MS4 into an impaired water and delineating the subwatershed areas within the Township that discharge into the impaired waters.

As necessary, an evaluation of the hydrology and land use characteristics of the subwatershed area and a determination of whether changes to the Township's SWPPP are appropriate to reduce the impact from discharges from the Township's MS4 into impaired waters.

Modification of the Township's SWPPP as necessary.

**\*Timeline/Implementation Schedule:**

The Township will complete its evaluation of hydrology and land use characteristics within 9 months after identifying any discharges into impaired waters.

**Specific Components and Notes:**

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

Name: Mike Zniewski

Department: Township Clerk/Treasurer

Phone: (320) 252-8934

E-mail: [havenclerk@cloudnet.com](mailto:havenclerk@cloudnet.com)

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

## BMP Summary Sheet

**MS4 Name:** Haven township

**Minimum Control Measure:** 7-ADDITIONAL BMPS

**Unique BMP Identification Number:** 7-3

**\*BMP Title:** Response to TMDL Waste Load Allocation

**\*BMP Description:**

If a USEPA-approved TMDL is developed by and the MPCA determines that the Township is within the drainage area of the impaired water covered by the TMDL Waste Load Allocation, the Township will review its SWPPP to determine whether it meets the TMDL Waste Load Allocation. If the Township determines that the SWPPP does not meet applicable requirements, the Township will make appropriate modifications to the SWPPP.

**\*Measurable Goals:**

Evaluate results of inspections.

Appropriate modifications to the Township's SWPPP.

**\*Timeline/Implementation Schedule:**

Within 18 months after a TMDL Waste Load Allocation is approved by the USEPA and the MPCA determines that the Township is within the drainage area of the impaired water covered by the TMDL Waste Load Allocation.

**Specific Components and Notes:**

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

Name: Mike Zniewski

Department: Township Clerk/Treasurer

Phone: (320) 252-8934

E-mail: [havenclerk@cloudnet.com](mailto:havenclerk@cloudnet.com)

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