

Marion Township

Olmsted County

2007

Storm Water Pollution Prevention Plan

June 1, 2007

NPDES Phase II MS4 Permit Application Storm Water Pollution Prevention Program

General Storm Water Permit Application
(MN R 040000)

Marion Township

Marion Township's SWPPP is designed to reduce the discharge of pollutants from the Township's storm sewer system to the maximum extent practicable. To achieve this goal, standard Best Management Practices (BMPs) have been developed. The BMP measures are intended to address the 6 minimum control measures (MCMs) outlined in the MS4 Permit. The 6 MCMs are:

1. Public Education and Outreach
2. Public Participation/Involvement
3. Illicit Discharge Detention and Elimination
4. Construction Site Stormwater Runoff Control
5. Post-Construction Stormwater Management in New Development and Redevelopment
6. Pollution Prevention/Good Housekeeping

The following table provides the title of each BMP measure and its location in the SWPPP.

| BMP ID Numbers | Best Management Practice | Permit Reference | Page Number |
|-----------------------|---|-------------------------|--------------------|
| 1a-1 | Distribute Educational Materials | V.G.1.a | ? |
| 1b-1 | Implement an Education Program | V.G.1.b | ? |
| 1c-1 | Education Program: Public Education and Outreach | V.G.1.c | ? |
| 1c-2 | Education Program: Public Participation | V.G.1.c | ? |
| 1c-3 | Education Program: Illicit Discharge Detection and Elimination | V.G.1.c | ? |
| 1c-4 | Education Program: Construction Site Run-off Control | V.G.1.c | ? |
| 1c-5 | Education Program: Post-Construction Stormwater Management in New Development and Redevelopment | V.G.1.c | ? |
| 1c-6 | Education Program: Pollution Prevention/Good Housekeeping for Municipal Operations | V.G.1.c | ? |
| 1d-1 | Coordination of Education Program | V.G.1.d | ? |
| 1e-1 | Annual Public Meeting | V.G.1.e | ? |
| 2a-1 | Comply with Public Notice Requirements | V.G.2.a | ? |
| 2b-1 | Solicit Public Input and opinion on the Adequacy of the SWPPP | V.G.2.b | ? |
| 2c-1 | Consider Public Input | V.G.2.c | ? |
| 3a-1 | Storm Sewer System Map | V.G.3.a | ? |
| 3b-1 | Regulatory Control Program | V.G.3.b | ?? |
| 3c-1 | Illicit Discharge Detection and Elimination Plan | V.G.3.c | ? |

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|------|--|-----------|---|
| 3d-1 | Public and Employee Illicit Discharge Information Program | V.G.3.d | |
| 3e-1 | Identification of Non Stormwater Discharges and Flows | V.G.3.e | |
| 4a-1 | Ordinance or other Regulatory Mechanism | V.G.4.a | |
| 4b-1 | Construction Site Implementation of Erosion and Sediment Control BMPs | V.G.4.b | ? |
| 4c-1 | Waste Controls for Construction Site Operators | V.G.4.c | |
| 4d-1 | Procedure for Site Plan Review | V.G.4.d | |
| 4e-1 | Establishment of Procedures for the Receipt and Consideration of Reports of Stormwater Noncompliance | V.G.4.e | |
| 4f-1 | Establishment of Procedures for Site Inspections and Enforcement | V.G.4.f | |
| 5a-1 | Development and Implementation of Structural and/or Non-structural BMPs | V.G.5.a | ? |
| 5b-1 | Regulatory Mechanism to Address Post Construction Runoff from New Development and Redevelopment | V.G.5.b | |
| 5c-1 | Long-term Operation and Maintenance of BMPs | V.G.5.c | |
| 5d-1 | Impaired Waters | IV.D | |
| 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: Marion Township

Minimum Control Measure: 1-Public Education and Outreach

Unique BMP Identification Number: 1a-1

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|--|---|
| *BMP Title: | DISTRIBUTE EDUCATIONAL MATERIALS |
| *BMP Description: See BMP 1b-1. Develop a program to distribute educational materials to the community or conduct equivalent outreach activities about the impacts of storm water discharges on water bodies and the steps that the public can take to reduce pollutants in storm water runoff. 1. Collaborate with and contribute financially to Olmsted County to make brochures, pamphlets and other such materials available at the township meeting hall, annual township meetings and to include in township newsletters. Materials available for the township's use include, but are not limited to, "One Person's Trash.." county newsletter and Olmsted County's website (www.co.olmsted.mn.us/departments/pw/storm_water.asp). 2. Participate in the Rochester Urbanizing Area Collaborative Education Program to determine what materials can be made available for township use. Location(s) in SWPPP of detailed information relating to this BMP: BMP 1b-1 | |
| *Measurable Goals: For each distribution method, record the audience type(s), # of recipients, and topic covered. | |
| *Timeline/Implementation Schedule: For Township-specific topics: ongoing throughout the term of the permit. For the Rochester Urbanizing Area Collaborative Education Program: develop the plan by the end of 2007 and implement it throughout the remaining term of the permit. | |
| Specific Components and Notes: None. | |
| *Responsible Party for this BMP: Name: Jim Baier Department: Marion Township Chair Phone: (507) 280-0421 E-mail: jimbaier@aol.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: Marion Township

Minimum Control Measure: Public Education and Outreach

Unique BMP Identification Number: 1b-1

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|--|---------------------------------------|
| *BMP Title: | IMPLEMENT AN EDUCATION PROGRAM |
| *BMP Description: Develop a collaborative education program with Olmsted County to distribute mutually beneficial education materials to the general public and/or targeted audiences that address impacts of storm water discharge on water bodies and identify steps that individuals can take to reduce pollutants in storm water. Development of the following activities are planned: <ol style="list-style-type: none">1. Participating in educational activities planned by Olmsted County including: 1) "One Person's Trash..." newsletter, 2) Ag-In-The-Classrooms, 3) Olmsted County's website, and 4) Adopt-A-Highway.2. Agreeing to partner with Olmsted County on a fair share or other basis for the delivery of stormwater abatement material or programs.3. Participating in the Rochester Urbanizing Area Collaborative Education Program to identify existing storm water materials appropriate for use by Marion Township, the City of Rochester and Olmsted County.4. Having storm water abatement materials available at the township meeting hall.5. Including a rotating series of different storm water information articles in the township's periodic newsletter6. Holding a public meeting that includes storm water as a topic.7. Look into forming a group with the neighboring MS4 townships including Rochester, Cascade and Haverhill townships to prepare annual educational materials. Location(s) in SWPPP of detailed information relating to this BMP: See all other Public Education and Outreach Minimum Control Measures. | |
| *Measurable Goals: For each distribution method, record the audience type(s), # of recipients, and topics covered. | |
| *Timeline/Implementation Schedule: For Township-specific topics: ongoing throughout the term of the permit. For the Rochester Urbanizing Area Collaborative Education Program: develop the plan by the end of 2007 and implement it throughout the remaining term of the permit thereafter. For the neighboring MS4 townships, form a group by the end of 2007. | |
| Specific Components and Notes: None. | |

***Responsible Party for this BMP:**

Name: Jim Baier

Department: Marion Township Chair

Phone: (507) 280-0421

E-mail: jimbaier@aol.com

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BMP Summary Sheet

MS4 Name: Marion Township

Minimum Control Measure: Public Education and Outreach

Unique BMP Identification Number: 1c-1

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|---|---|
| *BMP Title: | EDUCATION PROGRAM: PUBLIC EDUCATION AND OUTREACH |
| *Audiences Involve: The general public. | |
| *Educational Goals for Each Audience: Partner with Olmsted County in developing and implementing a public educational program that increases awareness about the impacts of storm water discharge on water bodies and identify steps that individuals can take to reduce pollutants in storm water. | |
| *Activities Used to Reach Educational Goals: <ol style="list-style-type: none">1. Partner with Olmsted County to develop and distribute educational material through mechanisms such as: fact sheets and posters displayed at the township hall, other handouts (such as door hangers), articles in township newsletters, direct mailings to township constituents, and presentations at annual township meetings.2. Inform public of Olmsted County's website using the above mechanisms.3. Conduct an annual township meeting specifically intended to inform the public of storm water issues. | |
| *Activity Implementation Plan: Ongoing throughout the term of the permit. | |
| *Performance Measures: For each distribution method, record the: audience type(s), # of recipients, and topics covered. | |
| *Responsible Party for this BMP: Name: Jim Baier Department: Marion Township Chair Phone: (507) 280-0421 E-mail: jimbaier@aol.com | |

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BMP Summary Sheet

MS4 Name: Marion Township

Minimum Control Measure: Public Education and Outreach

Unique BMP Identification Number: 1c-2

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|---|--|
| *BMP Title: | EDUCATION PROGRAM: PUBLIC PARTICIPATION |
| *Audiences Involve: The general public and students. | |
| *Educational Goals for Each Audience: See 1c-2 of Olmsted County's SWPPP. | |
| *Activities Used to Reach Educational Goals: Refer to Olmsted County's SWPPP. The township will participate in the activities listed by the county by letting the township citizens know of these activities planned by the city and county. See 1c-1 for methods of informing the citizens. | |
| *Activity Implementation Plan: See 1c-2 of Olmsted County's SWPPP. | |
| *Performance Measures: See 1c-2 of Olmsted County's SWPPP. | |
| *Responsible Party for this BMP: Name: Jim Baier Department: Marion Township Chair Phone: (507) 280-0421 E-mail: jimbaier@aol.com | |

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BMP Summary Sheet

MS4 Name: Olmsted County

Minimum Control Measure: Public Education and Outreach

Unique BMP Identification Number: 1c-2

***BMP Title:** **EDUCATION PROGRAM: PUBLIC PARTICIPATION**

***Audience(s) Involved:**

The general public and students.

***Educational Goals for Each Audience:**

1. Encourage public participation for reporting storm-water management related incidents and obtain program information or assistance.
2. Encourage residential and non-residential system users to provide input on the County's Storm Water Pollution Prevention Plan.
3. Provide information and/or technical assistance to other groups with effective and sustainable storm water-related, public-participation events, the educational goals for each event's audience are reached.

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

1. Olmsted Soil & Water Conservation District (SWCD) Service Line (280-2850).
2. The County Board meeting at which the annual report is presented or via the Olmsted County storm water web site (www.co.olmsted.mn.us/departments/pw/storm_water.asp).
3. County Adopt-a-Highway program.
4. Web site promotion of storm water-related, ongoing, public-participation programs administered by other agencies, such as but not limited to: MPCA's citizen lake and stream monitoring programs, MnDOT's Adopt-a-Highway program, DNR's Adopt-a-River program, City of Rochester's Adopt-a-Park program.
5. Examples of annual events and ongoing activities led by others include but are not limited to: University of Minnesota Extension Service Ag-in-the-Classroom, Master Gardener volunteers, Olmsted County Fair booths; Quarry Hill Nature Center's Children's Water Festival; Rochester School District's Summer of Service program; and Community Work Service's litter clean-up crews.

***Activity Implementation Plan:**

1. Ongoing throughout the term of the permit.
2. Annual meeting: once per year, prior to June 30th. Web site: ongoing throughout the term of the permit.
3. Ongoing throughout the term of the permit.
4. The dates of the annual events and ongoing activities vary.

***Performance Measures:**

1. # of calls recorded.
2. # of meeting attendees; # of web site hits associated with "contact us"
3. # of web site hits
4. # of participants in joint educational programs involving the City of Rochester and MnDOT District 6.

***Responsible Party for this BMP:**

Name: Mike Sheehan

Department: Olmsted County Public Works Department

Phone: 507-287-2480

E-mail: sheehan.michael@co.olmsted.mn.us

BMP Summary Sheet

MS4 Name: Marion Township

Minimum Control Measure: Public Education and Outreach

Unique BMP Identification Number: 1c-3

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|--|---|
| *BMP Title: | EDUCATION PROGRAM: ILLICIT DISCHARGE DETECTION AND ELIMINATION |
| *Audiences Involve: The general public and targeted business audiences. | |
| *Educational Goals for Each Audience: See 1c-3 of Olmsted County's SWPPP. | |
| *Activities Used to Reach Educational Goals: See 1c-3 of Olmsted County's SWPPP . Cooperate with the county to develop education on illicit discharge detection and elimination. | |
| *Activity Implementation Plan: Refer to 1c-3 of Olmsted County's SWPPP. Coordination with the county on illicit discharge detection and elimination education will be targeted for completion by the end of 2008. | |
| *Permormance Measures: See 1c-3 of Olmsted County's SWPPP. | |
| *Responsible Party for this BMP: Name: Jim Baier Department: Marion Township Chair Phone: (507) 280-0421 E-mail: jimbaier@aol.com | |

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BMP Summary Sheet

MS4 Name: Olmsted County

Minimum Control Measure: Public Education and Outreach

Unique BMP Identification Number: 1c-3

***BMP Title:** **EDUCATION PROGRAM: ILLICIT DISCHARGE DETECTION AND ELIMINATION**

***Audience(s) Involved:**

Work with the City of Rochester and MnDOT District 6 to develop a public educational program for the general public.

***Educational Goals for Each Audience:**

Members of the general public should understand:

- The impact of illicit discharges on water quality
- The definition of illicit discharges to the point of being able to recognize them in the field
- The safety precautions that should be considered when near illicit discharges
- How to report illicit discharges to the Olmsted County Soil & Water Conservation (SWCD) Service Line (280-2850)

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

1. Internally, develop key messages that define illicit discharges, explain how to detect them and what safety precautions should be considered, how they should be reported and how staff will record those reports, how staff will investigate the source of a reported discharge and direct that they be eliminated, and the County's enforcement policies and procedures.
2. Develop general educational materials that explain the impact of illicit discharges on water quality, define illicit discharges, describe how to recognize and report illicit discharges and explain safety precautions that should be followed when dealing with illicit discharges. Utilize the educational methods and delivery techniques described in 1a-1.

***Activity Implementation Plan:**

1. Internal key messages will be targeted for completion by mid-2007.
2. Coordination with Rochester-Olmsted County Planning Department, Rochester Public Utilities and the Township Cooperative Planning Association prioritization of likely illicit discharge sources will be targeted for completion by the end of 2008.
3. General educational materials will be targeted for completion by the end of 2007 and will be distributed thereafter for the remainder of the permit term.

***Performance Measures:**

1. Completion of a written document that describes the key messages listed above.
2. Completion of one or more IDDE educational materials for the general public, selection of delivery methods to implement, and # of recipients of educational materials.

***Responsible Party for this BMP:**

Name: Mike Sheehan

Department: Olmsted County Public Works Department

Phone: 507-287-2480

E-mail: sheehan.michael@co.olmsted.mn.us

BMP Summary Sheet

MS4 Name: Marion Township

Minimum Control Measure: Public Education and Outreach

Unique BMP Identification Number: 1c-4

| | |
|---|---|
| *BMP Title: | EDUCATION PROGRAM: CONSTRUCTION SITE RUN-OFF CONTROL |
| *Audiences Involve: See 1c-4 of Olmsted County's SWPPP. Including the general public and Marion Township staff involved in and not involved in construction activities that disturb the soil. | |
| *Educational Goals for Each Audience: See 1c-4 of Olmsted County's SWPPP. | |
| *Activities Used to Reach Educational Goals: See 1c-4 of Olmsted County's SWPPP. While Olmsted County has full building permit authority within the township for areas not proposed for annexation into the City of Rochester, Marion Township can participate in the permitting process by doing the following: <ol style="list-style-type: none">1. Requiring that those hired by the township for construction projects have the appropriate BMP training.2. Reminding developers of construction site run-off control and provide them with materials as described in 1c-1.3. Letting citizens of the township know of training opportunities provided by Olmsted County using educational methods and delivery techniques described in 1c-1. | |
| *Activity Implementation Plan: Ongoing throughout the term of the permit. | |
| *Performance Measures: For each distribution method, record the: audience type(s), # of recipients, and topics covered. | |
| *Responsible Party for this BMP: Name: Jim Baier Department: Marion Township Chair Phone: (507) 280-0421 E-mail: jimbaier@aol.com | |

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BMP Summary Sheet

MS4 Name: Olmsted County

Minimum Control Measure: Public Education and Outreach

Unique BMP Identification Number: 1c-4

***BMP Title:** **EDUCATION PROGRAM: CONSTRUCTION SITE RUN-OFF CONTROL:**

***Audience(s) Involved:**

1. The general public and Olmsted County staff not involved in construction projects.
2. Olmsted County Public Works, Olmsted SWCD and other staff involved in construction and maintenance activities that disturb soil.
3. The development community directly linked to the MPCA construction storm water permit (potentially including, but not limited to: developers, engineers/architects, contractors, and builders).
4. Other service providers involved in the construction industry (potentially including, but not limited to building supply vendors, utility companies, and landscapers).

***Educational Goals for Each Audience:**

1. Understand the importance of erosion and sediment control (ESC), the effect of sediment on water quality and aquatic habitat, and how to recognize and report apparently inadequate ESC measures.
2. Understand the importance of ESC, the effect of sediment on water quality and aquatic habitat, and the requirements of the MPCA construction storm water permit. Additionally, depending on their specific role in construction, they will know how to: write or recognize effective ESC standards and specifications, read an ESC plan and SWPPP, select and recommend effective ESC measures, properly install ESC measures, inspect a site to recognize and document inadequate ESC measures.
3. The same goals as audience # 2, plus understanding how to protect and maintain ESC measures.
4. The same goals as audience #2, plus understanding their role in avoiding impacts to ESC measures.

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

1. - 4. Utilize the educational methods and delivery techniques described in 1a-1.
2. Where appropriate and mutually agreeable, participate in joint training with MnDOT and City of Rochester staff involved in highway and street construction projects.

***Activity Implementation Plan:**

Ongoing throughout the term of the permit.

***Performance Measures:**

For each distribution method, record the: audience type(s), # of recipients, and topics covered.

***Responsible Party for this BMP:**

Name: Mike Sheehan

Department: Olmsted County Public Works Department

Phone: 507-287-2480

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BMP Summary Sheet

MS4 Name: Marion Township

Minimum Control Measure: Public Education and Outreach

Unique BMP Identification Number: 1c-5

| | |
|---|---|
| *BMP Title: | EDUCATION PROGRAM: POST-CONSTRUCTION STORMWATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT |
| *Audiences Involve: | See 1c-5 of Olmsted County's SWPPP. Including the general public and Marion Township staff involved in and not involved in development projects. |
| *Educational Goals for Each Audience: | See 1c-5 of Olmsted County's SWPPP. |
| *Activities Used to Reach Educational Goals: | See 1c-4 of Olmsted County's SWPPP. The township can also remind developers of the issues with post-construction storm water management and have materials available to them as described in 1c-1. |
| *Activity Implementation Plan: | Ongoing, throughout the term of the permit. |
| *Performance Measures: | For each distribution method, record the: audience type(s), # of recipients, and topics covered. |
| *Responsible Party for this BMP: | Name: Jim Baier Department: Marion Township Chair Phone: (507) 280-0421 E-mail: jimbaier@aol.com |

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BMP Summary Sheet

MS4 Name: Olmsted County

Minimum Control Measure: Public Education and Outreach

Unique BMP Identification Number: 1c-5

***BMP Title:** **EDUCATION PROGRAM: POST-CONSTRUCTION STORM WATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT**

***Audience(s) Involved:**

1. The general public and Olmsted County staff not involved in development projects.
2. County staff involved in development projects.
3. The development community responsible for the selection and design of BMPs that provide post-construction storm water management (potentially including, but not limited to: developers, engineers/architects, contractors, and builders).

***Educational Goals for Each Audience:**

1. Become aware of steps individuals can take to reduce water pollution.
2. Depending on their specific role in the development process, understand how to: select or direct the selection of effective BMP alternatives for any given development scenarios that address conveyance and water quality standards and minimize nuisance conditions, evaluate the long-term maintenance requirements for the selected BMP(s), prepare or read effective design standards and specifications, review grading plans to insure compliance with County standards and specifications, and oversee BMP construction to meet design standards and specifications.
3. Same as #2, however rather than reviewing the grading plans, they will be responsible for preparing grading plans that meet County standards and specification.

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

1. - 3. Utilize the educational methods and delivery techniques described in 1a-1.

***Activity Implementation Plan:**

Ongoing, throughout the term of the permit.

***Performance Measures:**

For each distribution method, record the: audience type(s), # of recipients, and topics covered.

***Responsible Party for this BMP:**

Name: Mike Sheehan

Department: Olmsted County Public Works Department

Phone: 507-287-2480

E-mail: sheehan.michael@co.olmsted.mn.us

BMP Summary Sheet

MS4 Name: Marion 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 |
| *Audiences Involve: | Township maintenance staff. |
| *Educational Goals for Each Audience: | See 1c-6 of Olmsted County's SWPPP. |
| *Activities Used to Reach Educational Goals: | See 1c-6 of Olmsted County's SWPPP. 1. Marion Township will send its maintenance staff to participate in the appropriate training activities the county BMP describes including, but not limited to, maintenance of storm water conveyance, maintenance of streets, and sand and salt application. 2. Provide maintenance staff with maps developed by the county that identify nearby storm water management system components and receiving waters. |
| *Activity Implementation Plan: | See 1c-6 of Olmsted County's SWPPP. |
| *Performance Measures: | 1. # of training sessions and # of employees trained 2. # of maps handed out |
| *Responsible Party for this BMP: | Name: Jim Baier Department: Marion Township Chair Phone: (507) 280-0421 E-mail: jimbaier@aol.com |

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BMP Summary Sheet

MS4 Name: Olmsted County

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:**

County staff working in the following Departments: Public Works and Facilities.

***Educational Goals for Each Audience:**

1. Recognize activities and materials that have the potential to pollute storm water and identify practices or products that can reduce water quality impacts.
2. Identify the nearest storm water conveyance features and receiving water that are most likely to be affected by departmental practices.

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

1. Work directly with departmental staff to identify activities with the potential to negatively impact water quality. The types of activities to be evaluated will potentially include, but are not limited to: materials storage and management, turf and landscape management, fleet maintenance, street sweeping, snow/ice response, maintenance of public storm water conveyance and water quality facilities, and aviation.
2. Train County employees to utilize appropriate practices and materials that prevent or reduce water quality impacts. Where appropriate and mutually agreeable, participate in joint training with MnDOT District 6 and City of Rochester staff involved in highway and street maintenance projects, potentially including, but not limited to: street sweeping; salt application and snow removal; BMP inspections, cleaning and maintenance.
3. Provide maps that identify nearby storm water management system components and receiving waters.

***Activity Implementation Plan:**

2008: Develop and utilize an auditing protocol to evaluate County facilities and the conveyance system within the County's portion of the Rochester Urbanizing Area.

***Performance Measures:**

- Completion of an auditing protocol.
- Completion of storm water maps.
- Completion of department audits as noted above.
- # of training sessions and # of employees trained

***Responsible Party for this BMP:**

Name: Mike Sheehan

Department: Olmsted County Public Works Department

Phone: 507-287-2480

E-mail: sheehan.michael@co.olmsted.mn.us

BMP Summary Sheet

MS4 Name: Marion Township

Minimum Control Measure: 1-Public Education and Outreach

Unique BMP Identification Number: 1d-1

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|--|--|
| *BMP Title: | COORDINATION OF EDUCATION PROGRAM |
| *BMP Description: The following BMPs contain opportunities for educational collaboration: 1a-1, 1b-1, 1c-2, 1c-3, 1c-4, and 1c-6. Refer to those BMPs for specific details. The following educational relationships with the township are described in greater detail: 1. Development of an official agreement with Olmsted County is being considered in which portions of the county's storm water education program will be shared with Marion Township. This agreement would include monetary contributions made by Marion Township to the program. The specific portions of the education program to be used by the township are detailed in the BMPs listed above. 2. Participation in the Rochester Urbanizing Area Collaborative Education Program to determine which materials apply to and can be used by the township. Location(s) in SWPPP of detailed information relating to this BMP: 1a-1, 1b-1, 1c-2, 1c-3, 1c-4, and 1c-6 | |
| *Measurable Goals: 1. Develop and sign an agreement with Olmsted County. 2. Send a township board member to a Rochester Urbanizing Area Collaborative Education Program group meeting. | |
| *Timeline/Implementation Schedule: 1. Develop an agreement with Olmsted County by June 30, 2007. 2. Send a township board member to a Rochester Urbanizing Area Collaborative Education Program meeting by June 30, 2007. | |
| Specific Components and Notes: None. | |
| *Responsible Party for this BMP: Name: Jim Baier Department: Marion Township Chair Phone: (507) 280-0421 E-mail: jimbaier@aol.com | |

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BMP Summary Sheet

MS4 Name: Marion Township

Minimum Control Measure: 1-Public Education and Outreach

Unique BMP Identification Number: 1e-1

| | |
|--|------------------------------|
| *BMP Title: | ANNUAL PUBLIC MEETING |
| *BMP Description: Each year Marion Township will host a public meeting as part of the annual township meeting in order to apprise the Board and members of the general public about storm water management accomplishments and issues. Typically, the annual public meeting will consist of a presentation that provides an overview of storm water impacts, the SWPPP, and a summary of the past year's activities. Location(s) in SWPPP of detailed information relating to this BMP: | |
| *Measurable Goals: Hold an annual public meeting. | |
| *Timeline/Implementation Schedule: Once per year, prior to the June 30 th deadline for submitting the annual report. | |
| Specific Components and Notes: None. | |
| *Responsible Party for this BMP: Name: Jim Baier Department: Marion Township Chair Phone: (507) 280-0421 E-mail: jimbaier@aol.com | |

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BMP Summary Sheet

MS4 Name: Marion Township

Minimum Control Measure: 2-Public Participation/Involvement

Unique BMP Identification Number: 2a-1

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|---|---|
| *BMP Title: | COMPLY WITH PUBLIC NOTICE REQUIREMENTS |
| *BMP Description: Publish a notice of a public meeting at least 30 days prior to the annual meeting in the regional newspaper (the official newspaper of record for the Township is the Rochester Post Bulletin). In the notice, identify: <ol style="list-style-type: none">1. The date, time and location of the meeting.2. The location(s) of the SWPPP for review purposes.3. The date the annual report is available.4. The location(s) where the annual report will be available for review purposes. Copies of the public meeting notice will also be distributed to other interested parties, potentially including but not limited to: elected and appointed officials, other MS4 permittees within the Rochester Urbanizing Area, and other water resource agencies and departments. Location(s) in SWPPP of detailed information relating to this BMP: | |
| *Measurable Goals: The public meeting notice is published 30 days before the meeting in the Rochester Post Bulletin. The # of public meeting notices distributed to other interested parties.. | |
| *Timeline/Implementation Schedule: Annually publish a notice about the public meeting at least 30 days before the meeting date. | |
| Specific Components and Notes: None. | |
| *Responsible Party for this BMP: Name: Jim Baier Department: Marion Township Chair Phone: (507) 280-0421 E-mail: jimbaier@aol.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: Marion 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 presentation at the annual public meeting will be followed by an opportunity for attendees to provide oral or written comments to the Township Board about the adequacy of the SWPPP and suggestions for future modifications. Additionally, written comments will be accepted if delivered via fax, e-mail, or letter for a period of time as designated in the public notice. Location(s) in SWPPP of detailed information relating to this BMP: | |
| *Measurable Goals: The # of meeting attendees, the # of people providing comments, and the # of oral or written comments received. | |
| *Timeline/Implementation Schedule: Each year, as part of the annual public meeting. | |
| Specific Components and Notes: None. | |
| *Responsible Party for this BMP: Name: Jim Baier Department: Marion Township Chair Phone: (507) 280-0421 E-mail: jimbaier@aol.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: Marion Township

Minimum Control Measure: 2-Public Participation/Involvement

Unique BMP Identification Number: 2c-1

| | |
|--|------------------------------|
| *BMP Title: | CONSIDER PUBLIC INPUT |
| *BMP Description: Assemble the oral comment notes taken during the public meeting and any written comments received by the due date designated in the public notice that address the adequacy of the SWPPP and suggestions for future modifications. Give consideration to all the comments received. Prepare a file memo with responses to comments and a determination regarding whether any SWPPP modifications are appropriate. A summary of the comments will also be prepared and incorporated into the annual report. If appropriate, SWPPP modifications will be proposed and included in the annual report. Location(s) in SWPPP of detailed information relating to this BMP: | |
| *Measurable Goals: 1. Completion of a file memo with responses to comments and determination regarding whether any SWPPP modifications are appropriate. 2. Completion of a summary of the comments. 3. Discussion of the comments summary in the annual report. 4. Submittal of SWPPP modifications, if determined to be appropriate, with the annual report. | |
| *Timeline/Implementation Schedule: Annually, after the public meeting and in conjunction with annual report finalization, prior to June 30 th of each year. | |
| Specific Components and Notes: None. | |
| *Responsible Party for this BMP: Name: Jim Baier Department: Marion Township Chair Phone: (507) 280-0421 E-mail: jimbaier@aol.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: Marion Township

Minimum Control Measure: 3-Public Participation/Involvement

Unique BMP Identification Number: 3a-1

| | |
|---|-------------------------------|
| *BMP Title: | STORM SEWER SYSTEM MAP |
| *BMP Description: Develop and maintain an electronic storm sewer system map that shows the location of system components (potentially including, but not limited to: receiving water bodies, ditches, storm sewers, storm water ponds, catch basins, and outfalls). The township will coordinate the locations of identified stormwater related structures with the Olmsted County Department of Public Works, which is entering all county controlled stormwater structures into the electronic stormwater system in 2007. Location(s) in SWPPP of detailed information relating to this BMP: | |
| *Measurable Goals: 1. Tabulation and locations of Marion Township outfalls. 2. Determine location data format Olmsted County is using. 3. Submit the township's tabulation of outfalls and other related stormwater structures to the county to eventually be entered into their electronic mapping system. | |
| *Timeline/Implementation Schedule: The electronic storm sewer system map will be completed by 6/30/08 by Olmsted County. The township will have a goal of tabulating and submitting outfall locations to the county by this date as well. | |
| Specific Components and Notes: The county storm sewer system map will include the location of ponds, streams, lakes, and wetlands that are part of the county's conveyance system. In addition, the map will include any structural pollution control devices that the county owns or maintains. The map will include all pipes and conveyances that are 24-inches in diameter or larger. | |
| *Responsible Party for this BMP: Name: Jim Baier Department: Marion Township Chair Phone: (507) 280-0421 E-mail: jimbaier@aol.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: Olmsted County

Minimum Control Measure: 3- Illicit Discharge Detection and Elimination

Unique BMP Identification Number: 3b-1

***BMP Title:** **REGULATORY CONTROL PROGRAM**

***BMP Description:**

Work with the Rochester-Olmsted Planning Department to evaluate the County's existing ordinances and procedures to identify what regulatory controls are already in place to deal with illicit discharges. Research and evaluate the requirements of ordinances adopted by communities with successful IDDE programs.

Develop a regulatory mechanism that defines and effectively prohibits unauthorized non-storm water discharges into the County's storm conveyance system. Prepare and adopt County ordinances, ordinance amendments, or policies that provide regulatory authority to inspect systems and facilities, prevent illicit connections and discharges, and allows for punitive measures.

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

***Measurable Goals:**

1. File notes that summarize current applicable regulations and copies of external ordinances related to IDDE.
2. Work with the Rochester-Olmsted County Planning Department to develop a draft regulatory mechanism.
3. Review and evaluate public comments on proposed changes, as received.
4. Presentation of the final IDDE regulatory mechanism to the County Board for adoption.

***Timeline/Implementation Schedule:**

1. 2007 – File notes and external ordinance copies
2. 2008 – Draft regulatory mechanism
3. 2009 – Public comments received and documents finalized
4. 2009 – Presentation to the County Board for adoption

Specific Components and Notes:

None.

***Responsible Party for this BMP:**

Name: Mike Sheehan

Department: Olmsted County Public Works Department

Phone: 507-287-2480

E-mail: sheehan.michael@co.olmsted.mn.us

BMP Summary Sheet

MS4 Name: Marion Township

Minimum Control Measure: 3-Public Participation/Involvement

Unique BMP Identification Number: 3c-1

| | |
|--|---|
| *BMP Title: | ILLICIT DISCHARGE DETECTION AND ELIMINATION PLAN |
| *BMP Description: See 3c-1 of Olmsted County's SWPPP. In addition to the items listed in the county's SWPPP, the township will continue its inspection of roads, which includes outfalls and other storm water related structures. The following will also be conducted: 1. Illicit discharge complaint response and investigation is performed by the Rochester-Olmsted County Planning Department. When the source of the illicit discharge is identifiable, the township will work with the responsible party to eliminate the illicit discharge through education and/or enforcement. Investigations utilize the system map described in 3a-1. 2. Work with the Rochester-Olmsted County Planning Department to identify failing septic systems near the township's storm water conveyance system within the Rochester Urbanized Area. Where practical, township staff will contact County staff to assist identified property owners with technical issues and direct them to financial assistance programs for replacing their failing septic systems. 3. Outfall inspection program. See 6b-3 for more details. 4. No dumping signage. Posting no dumping signs when areas that experience chronic illegal dumping are identified. Location(s) in SWPPP of detailed information relating to this BMP: | |
| *Measurable Goals: A listing of the number of outfalls inspected and illicit discharges identified and corrected each year by the township. | |
| *Timeline/Implementation Schedule: Throughout the term of the permit. | |
| Specific Components and Notes: None. | |
| *Responsible Party for this BMP: Name: Jim Baier Department: Marion Township Chair Phone: (507) 280-0421 E-mail: jimbaier@aol.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: Olmsted County

Minimum Control Measure: 3-Illicit Discharge Detection and Elimination

Unique BMP Identification Number: 3c-1

***BMP Title:** **ILLICIT DISCHARGE DETECTION AND ELIMINATION PLAN**

***BMP Description:**

1. The County has several ongoing IDDE program practices in place that will be continued:
 - a. Illicit discharge complaint response and investigation is performed by the Rochester-Olmsted County Planning Department. When the source of the illicit discharge is identifiable, the County will work with the responsible party to eliminate the illicit discharge through education and/or enforcement. Investigations utilize the system map described in 3a-1.
 - b. Work with the Rochester-Olmsted County Planning Department and the Township Cooperative Planning Association to identify failing septic systems near the County's storm water conveyance system within the Rochester Urbanized Area. Where practical, County staff will assist identified property owners with technical issues and direct them to financial assistance programs for replacing their failing septic systems.
 - c. Outfall inspection program. See 6b-3 for more details.
 - d. No dumping signage. Posting no dumping signs when areas that experience chronic illegal dumping are identified.

2. The County will review the programs listed above and other IDDE program components that are recommended by other agencies or have been successfully implemented by other communities. The County will then determine if existing programs should be modified and whether other program components should be added. This review process will include the identification of other departments or agencies that are also involved in IDDE program components and develop procedures to coordinate and document responses.

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

***Measurable Goals:**

- 1a and b. # of calls, # of sources identified, # of corrections each year
- 1c. # of outfalls inspected each year
- 1d. # of new signs posted each year

2. Review and evaluate the current IDDE program and make necessary updates, if needed.

***Timeline/Implementation Schedule:**

- 1a. – 1d. – Throughout the term of the permit.
- 2. 2008 - The Program review process is completed.

Specific Components and Notes:

None.

***Responsible Party for this BMP:**

Name: Mike Sheehan

Department: Olmsted County Public Works Department

Phone: 507-287-2480

E-mail: sheehan.michael@co.olmsted.mn.us

BMP Summary Sheet

MS4 Name: Marion Township

Minimum Control Measure: 3-Public Participation/Involvement

Unique BMP Identification Number: 3d-1

| | |
|---|--|
| *BMP Title: | PUBLIC AND EMPLOYEE ILLICIT DISCHARGE INFORMATION PROGRAM |
| *BMP Description: See 3d-1 of Olmsted County's SWPPP. The township supervisor and maintenance staff will participate in the employee illicit discharge information program planned by the county, as described in 3d-1 of the Olmsted County SWPPP. The program will help staff to understand: <ol style="list-style-type: none">1. The impact of illicit discharges on water quality.2. The definition of illicit discharges to the point of being able to recognize them in the field.3. The safety precautions that should be considered when near illicit discharges.4. How to report illicit discharges to the Olmsted Soil and Water Conservation District (SWCD) Service Line (280-2850). Location(s) in SWPPP of detailed information relating to this BMP: | |
| *Measurable Goals: Educational materials will be completed for township staff that include the key messages listed for each audience, and the number of existing and new employees receiving the educational materials. | |
| *Timeline/Implementation Schedule: According to the County's SWPPP, the key messages will be developed in conjunction with the materials developed for 1c-3, with ultimate completion targeted for the end of 2008. The materials will be distributed thereafter for the remainder of the permit term. | |
| Specific Components and Notes: None. | |
| *Responsible Party for this BMP: Name: Jim Baier Department: Marion Township Chair Phone: (507) 280-0421 E-mail: jimbaier@aol.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: Olmsted County

Minimum Control Measure: 3-Illicit Discharge and Elimination

Unique BMP Identification Number: 3d-1

***BMP Title:** **PUBLIC AND EMPLOYEE ILLICIT DISCHARGE INFORMATION PROGRAM**

***BMP Description:**

See 1c-3 for public illicit discharge information program.

Develop and implement an employee illicit discharge information program with four audiences, as follows:

1. Full-time County employees who do not work with materials or utilize practices with the potential to create illicit discharges will understand:
 - The impact of illicit discharges on water quality
 - The definition of illicit discharges to the point of being able to recognize them in the field
 - The safety precautions that should be considered when near illicit discharges
 - How to report illicit discharges to the Olmsted Soil & Water Conservation District (SWCD) Service Line (280-2850).
2. Full-time County employees that work with materials or utilize practices with the potential to create illicit discharges will understand:
 - The impact of illicit discharges on water quality
 - The location of storm sewer connections closest to their operational area(s)
 - The definition of illicit discharges to the point of being able to identify their operational practices that create illicit discharges
 - How to modify their operational practices to prevent and eliminate illicit discharges
3. Employees responsible for IDDE complaint intake, response, and enforcement will understand:
 - The impact of illicit discharges on water quality
 - The definition of illicit discharges to the point of being able to recognize them in the field
 - How to evaluate operational practices in conjunction with storm sewer systems to determine if they are a potential source of illicit discharges
 - How operational practices can be modified to prevent and eliminate illicit discharges
 - Where the State, County and City MS4 systems interface within the Rochester Urban Service area
 - The safety precautions that should be considered when near illicit discharges
 - How to coordinate the reporting and tracking of illicit discharge responses conducted by other County Departments or governmental units, such as but not limited to Olmsted County Sheriff's Department, Rochester's Police and Fire Departments and MnDOT District 6, and the MPCA
 - How to respond to illicit discharge reports, including the investigation of the source(s) of the discharges and communication of elimination requirements when the source is identified

The Public and Employee illicit Discharge Information Program will be modified, as necessary, pending the outcome of the planning effort described in 3c-1.

***Measurable Goals:**

See 1c-3 for measurable goals associated with the public illicit discharge information program.

For the employee illicit discharge information program, educational materials will be completed for each audience noted above that include the key messages listed for each audience; # of existing and new employees receiving the

educational materials.

***Timeline/Implementation Schedule:**

See 1c-3 for the implementation plan associated with the public illicit discharge information program.

For the employee illicit discharge information program, the key messages will be developed in conjunction with the materials developed for 1c-3, with ultimate completion targeted for the end of 2008. The materials will be distributed thereafter for the remainder of the permit term.

Specific Components and Notes:

None.

***Responsible Party for this BMP:**

Name: Mike Sheehan

Department: Olmsted County Public Works Department

Phone: 507-287-2480

E-mail: sheehan.michael@co.olmsted.mn.us

BMP Summary Sheet

MS4 Name: Marion Township

Minimum Control Measure: 3-Public Participation/Involvement

Unique BMP Identification Number: 3e-1

| | |
|--|--|
| *BMP Title: | IDENTIFICATION OF NON-STORMWATER DISCHARGES AND FLOWS |
| *BMP Description: See 3e-1 of the Olmsted County SWPPP. In addition to the county's activities, the township will identify significant non-stormwater discharges and flows found during annual inspections. The township will then record and report significant non-stormwater discharges to Olmsted County. Location(s) in SWPPP of detailed information relating to this BMP: | |
| *Measurable Goals: Identify, record and report non stormwater discharges and flows. | |
| *Timeline/Implementation Schedule: 2008 - Identify significant non-stormwater discharges. 6/30/08 - Report to County to be included on the County's mapping system. | |
| Specific Components and Notes: None. | |
| *Responsible Party for this BMP: Name: Jim Baier Department: Marion Township Chair Phone: (507) 280-0421 E-mail: jimbaier@aol.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: Olmsted County

Minimum Control Measure: 3- Illicit Discharge Detection and Elimination

Unique BMP Identification Number: 3e-1

***BMP Title:** **IDENTIFICATION OF NON-STORM WATER DISCHARGES AND FLOWS**

***BMP Description:**

In conjunction with the planning effort described in 3c-1, the County will identify the categories of non-storm water discharges that could have the potential to become illicit discharges by undertaking a review of information sources that could potentially include, but is not limited to:

- Rochester-Olmsted County Planning Department's knowledge of illicit connection sites
- The Planning Department's knowledge of industrial and commercial land uses and the types of businesses contained in those areas and IDDE guidance provided by EPA and MPCA that identifies the most problematic businesses types and practices
- Relevant information from the City of Rochester Public Works Department
- Information from Rochester Public Utilities about known and potential contaminant inventories, as prepared for their Wellhead Protection Program
- MPCA's list of Industrial NPDES permittees, contaminated site inventory, and fecal coliform waste load allocation
- Review and evaluate information from other communities that have successfully implemented IDDE programs

Evaluate each identified non-storm water discharge to determine if it is a significant contributor of pollutants to the County's storm sewer system.

Additionally, as directed by the permit, the following categories of non-storm water discharges must be evaluated to determine if they are significant contributors of pollutants to the County's storm water conveyance system: water line flushing, landscape irrigation, diverted stream flows, rising ground waters, uncontaminated ground water infiltration (as defined at 40 CFR 35.2005(b)(20)), 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, and discharges or flows from fire fighting activities.

Highlight outfalls on the GIS map associated with the non-storm water discharges determined to be significant. Evaluate what further effort may be needed to address those significant discharges. Further effort may potentially include, but is not limited to targeted education of local areas in the RUA for which the County is responsible that are known hot spot sources, modifying the inspection schedule of outfalls associated with hot spot discharge locations and/or the hot spot sources.

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

***Measurable Goals:**

1. Significant non-storm water discharges will be identified
2. Their associated outfalls will be highlighted on the GIS map
3. Recommendations for further efforts will be developed, if necessary.

***Timeline/Implementation Schedule:**

1. 2008 – Identify significant non-storm water discharges
2. 6/30/08 – Highlight their associated outfalls on the GIS map (linked to 3a-1)

Specific Components and Notes:

None.

***Responsible Party for this BMP:**

Name: Mike Sheehan

Department: Olmsted County Public Works Department

Phone: 507-287-2480

E-mail: sheehan.michael@co.olmsted.mn.us

BMP Summary Sheet

MS4 Name: Marion Township

Minimum Control Measure: 4-Construction Site Storm Water Run-off Control

Unique BMP Identification Number: 4a-1

| | |
|--|--|
| *BMP Title: | ORDINANCE OR OTHER REGULATORY MECHANISM |
| *BMP Description: <p>See 4a-1 of the Olmsted County SWPPP. When applicable, Olmsted County refers erosion and sediment control inspections and enforcement activities to Marion Township by an informal agreement. The same mechanisms Olmsted County uses to provide for construction site stormwater runoff control is expected to be used by the township. These include: the Soil Erosion, Sedimentation, Runoff, and Slope Stability Ordinance (Olmsted County Zoning Ordinance 10.20), runoff control plan review and approval procedures, and when a project is over one acre, compliance with MPCA's NPDES construction stormwater permit is required.</p> <p>An informal review of the Olmsted County Ordinance addresses whether the following required components are included:</p> <ol style="list-style-type: none">1. <i>Requirements for Construction Site Plan submittal by site operators to the MS4 which includes erosion and sediment control and stormwater treatment BMPs.</i> These are addressed in the Olmsted County Zoning Ordinance Section 10.20.2. <i>Site plan review and approval by MS4 prior to activity on site.</i> This is addressed in Olmsted County Zoning Ordinance Section 10.20.3. <i>Requirements and design standards for temporary erosion and sediment controls during construction activities.</i> Addressed in Section 10.20.4. <i>Requirements for record keeping of rainfall amounts and inspections by site operators.</i> Not specifically mentioned in Olmsted County Zoning Ordinance, may need review.5. <i>Regular inspections by site operators.</i> Not specifically mentioned in Olmsted County Zoning Ordinance, may need review.6. <i>Requirements and criteria for the site operator to conduct dewatering and/or basin draining at the site.</i> Not specifically mentioned in Olmsted County Zoning Ordinance, may need review.7. <i>Requirements and criteria for BMP maintenance.</i> Addressed in Section 10.20.8. <i>Requirements concerning waste controls for solid and hazardous wastes.</i> Olmsted County has adopted Solid Waste Ordinance #10, as mentioned in BMP 4c-1.9. <i>Requirements and design standards for permanent stormwater management controls following the completion of construction activities.</i> Addressed in Section 10.20.10. <i>Requirements for stable slopes and the establishment of perennial vegetative cover on all exposed soils upon the completion of any construction activity.</i> Addressed in Section 10.20.11. <i>The regulatory mechanism must outline sanctions to ensure compliance which include a viable enforcement component. Compliance tools could potentially include, but are not limited to, the following: (1) Verbal warnings, (2) Written warnings, (3) Stop-work orders, (4) Fines, (5) Forfeit of security bond money, and/or (6) Withholding of certificate of occupancy.</i> Not specifically mentioned in Olmsted County Zoning Ordinance, may need review. <p>Whether Marion Township meets the above-mentioned components will depend on Olmsted County's review of their ordinances.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP:</p> | |
| *Measurable Goals: <p>See 4a-1 of the Olmsted County SWPPP.</p> | |

***Timeline/Implementation Schedule:**

Ongoing throughout the term of the permit.

Have an in-place ordinance, via agreed use of Olmsted County's ordinance, to address post-construction runoff by July 1, 2008.

Specific Components and Notes:

None.

***Responsible Party for this BMP:**

Name: Jim Baier

Department: Marion Township Chair

Phone: (507) 280-0421

E-mail: jimbaier@aol.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: Olmsted County

Minimum Control Measure: 4-Construction Site Storm Water Runoff Control

Unique BMP Identification Number: 4a-1

***BMP Title:** **ORDINANCE OR OTHER REGULATORY MECHANISM**

***BMP Description:**

Olmsted County has a variety of established mechanisms that are used to provide for construction site storm water runoff control, such as: the Soil Erosion, Sedimentation, Runoff, and Slope Stability Ordinance (Appendix A), runoff control plan review and approval procedures, and when the County has direct responsibility for construction projects over one acre, compliance with MPCA's NPDES construction storm water permit is required. When applicable, Olmsted County will refer erosion and sediment control inspections and enforcement activities to the neighboring MS4 communities (City of Rochester, Cascade Township, Haverhill Township, Marion Township and Rochester Township).

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

***Measurable Goals:**

of grading/ESC plans reviewed, # of ESC inspections, # of enforcement actions, # of permits for County projects

As needed, recommendations to modify ordinances or procedures.

***Timeline/Implementation Schedule:**

Implementation activities for the established regulatory mechanisms are in place and will be ongoing throughout the term of the permit.

Specific Components and Notes:

None.

***Responsible Party for this BMP:**

Name: Mike Sheehan

Department: Olmsted County Public Works Department

Phone: 507-287-2480

E-mail: sheehan.michael@co.olmsted.mn.us

BMP Summary Sheet

MS4 Name: Marion Township

Minimum Control Measure: 4-Construction Site Storm Water Run-off Control

Unique BMP Identification Number: 4b-1

| | |
|---|--|
| *BMP Title: | CONSTRUCTION SITE IMPLEMENTATION OF EROSION AND SEDIMENT CONTROL BMPs |
| *BMP Description: See 4b-1 of the Olmsted County SWPPP. The township uses Olmsted County's method: At the pre-construction stage, the Project Manager assigned to a County project (regardless of whether the project is designed by consultants or in-house) is responsible to insure that appropriate ESC BMP recommendations are contained in the plans and specifications. As necessary, Project managers provide alternative or additional recommendations. At the construction stage, erosion and sediment control requirements are discussed at the preconstruction meeting and a construction inspector is assigned to each County project. Location(s) in SWPPP of detailed information relating to this BMP: | |
| *Measurable Goals: # of ESC inspections, # of enforcement actions | |
| *Timeline/Implementation Schedule: Ongoing throughout the term of the permit. | |
| Specific Components and Notes: None. | |
| *Responsible Party for this BMP: Name: Jim Baier Department: Marion Township Chair Phone: (507) 280-0421 E-mail: jimbaier@aol.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: Olmsted County

Minimum Control Measure: 4-Construction Site Storm Water Runoff Control

Unique BMP Identification Number: 4b-1

***BMP Title:** **CONSTRUCTION SITE IMPLEMENTATION OF EROSION AND
SEDIMENT CONTROL BMPs**

***BMP Description:**

At the pre-construction stage, the Project Manager assigned to a County project (regardless of whether the project is designed by consultants or in-house) is responsible to insure that appropriate ESC BMP recommendations are contained in the plans and specifications. As necessary, Project Managers provide alternative or additional recommendations. At the construction stage, erosion and sediment control requirements are discussed at the pre-construction meeting and a construction inspector is assigned to each County project.

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

***Measurable Goals:**

of ESC inspections, # of enforcement actions

***Timeline/Implementation Schedule:**

Ongoing throughout the term of the permit.

Specific Components and Notes:

None.

***Responsible Party for this BMP:**

 Name: Mike Sheehan

 Department: Olmsted County Public Works Department

 Phone: 507-287-2480

 E-mail: sheehan.michael@co.olmsted.mn.us

BMP Summary Sheet

MS4 Name: Marion Township

Minimum Control Measure: 4-Construction Site Storm Water Run-off Control

Unique BMP Identification Number: 4c-1

| | |
|--|---|
| *BMP Title: | WASTE CONTROLS FOR CONSTRUCTION SITE OPERATORS |
| *BMP Description: The township will use Olmsted County's established mechanism for addressing waste management activities (e.g., discarded building materials and litter) at construction sites, which is the County's Solid Waste Ordinance #10 (Appendix B). The township will use the County's Erosion and Sediment Control Inspection record form as appropriate to report in the adequacy of waste management activities at the site including: concrete truck washing, chemicals, litter, discarded building materials, and sanitary waste. The township will utilize contract provisions, stop work orders, correction orders or other enforcement mechanisms, as needed and appropriate, to address non-compliant sites. Location(s) in SWPPP of detailed information relating to this BMP: | |
| *Measurable Goals: # of ESC inspection, # of enforcement actions | |
| *Timeline/Implementation Schedule: Ongoing throughout the term of the permit. | |
| Specific Components and Notes: None. | |
| *Responsible Party for this BMP: Name: Jim Baier Department: Marion Township Chair Phone: (507) 280-0421 E-mail: jimbaier@aol.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: Marion Township

Minimum Control Measure: 4-Construction Site Storm Water Run-off Control

Unique BMP Identification Number: 4d-1

| | |
|---|---------------------------------------|
| *BMP Title: | PROCEDURE FOR SITE PLAN REVIEW |
| *BMP Description: See 4d-1 of the Olmsted County SWPPP. The Rochester-Olmsted County Planning Department and Olmsted Soil & Water Conservation District provides comments on the adequacy of proposed grading, erosion and sediment control, and the storm water management plans that will apply during the construction and post-construction phases. The Rochester-Olmsted County Planning Department approves acceptable plans. The township will coordinate project and building plan review as appropriate with the Rochester-Olmsted County Planning Department. Location(s) in SWPPP of detailed information relating to this BMP: | |
| *Measurable Goals: See 4d-1 of Olmsted County SWPPP. | |
| *Timeline/Implementation Schedule: Ongoing throughout the term of the permit. | |
| Specific Components and Notes: None. | |
| *Responsible Party for this BMP: Name: Jim Baier Department: Marion Township Chair Phone: (507) 280-0421 E-mail: jimbaier@aol.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: Olmsted County

Minimum Control Measure: 4-Construction Site Storm Water Runoff Control

Unique BMP Identification Number: 4d-1

***BMP Title:** **PROCEDURE FOR SITE PLAN REVIEW**

***BMP Description:**

Review Site Development Plans, General Development Plans, and grading plans according to existing procedures and timelines. The Rochester-Olmsted County Planning Department and Olmsted Soil & Water Conservation District provide comments on the adequacy of proposed grading, erosion and sediment control, and storm water management plans that will apply during the construction and post-construction phases. The Rochester-Olmsted County Planning Department approves acceptable plans.

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

***Measurable Goals:**

of plans reviewed/year

***Timeline/Implementation Schedule:**

Olmsted County follows the time deadlines for development reviews established by Minnesota Statute 15.99.

Specific Components and Notes:

None.

***Responsible Party for this BMP:**

Name: Mike Sheehan

Department: Olmsted County Public Works Department

Phone: 507-287-2480

E-mail: sheehan.michael@co.olmsted.mn.us

BMP Summary Sheet

MS4 Name: Marion Township

Minimum Control Measure: 4-Construction Site Storm Water Run-off Control

Unique BMP Identification Number: 4e-1

| | |
|--|---|
| *BMP Title: | ESTABLISHMENT OF PROCEDURES FOR THE RECEIPT AND CONSIDERATION OF REPORTS OF STORMWATER CONCOMPLIANCE |
| *BMP Description: <p>The township uses Olmsted County's established procedure for receipt and consideration of reports of stormwater noncompliance. The county has designated the Olmsted Soil & Water Conservation District (SWCD) Service Line (280-2850) to be the general intake department for receiving storm water related inquiries, service requests, complaints, or reports of alleged violations. SWCD staff will be responsible for logging storm water calls that require follow-up actions and documenting the actions taken to resolve issue, including referral to other agencies, as appropriate.</p> <p>The county is also developing a "Storm Water Management Contacts-Call List" to entities involved in water resource issues to identify the appropriate contact person for a wide spectrum of storm water management issues, including enforcement contacts for alleged erosion and sediment control and dumping violations. The township will work with the county on distributing this list to the appropriate township entities when it is complete.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP:</p> | |
| *Measurable Goals: <p># of calls logged # of distribution destinations for the Call List</p> | |
| *Timeline/Implementation Schedule: <p>Ongoing throughout the term of the permit.</p> | |
| Specific Components and Notes: <p>None.</p> | |
| *Responsible Party for this BMP: <p>Name: Jim Baier Department: Marion Township Chair Phone: (507) 280-0421 E-mail: jimbaier@aol.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: Marion Township

Minimum Control Measure: 4-Construction Site Storm Water Run-off Control

Unique BMP Identification Number: 4f-1

| | |
|---|---|
| *BMP Title: | ESTABLISHMENT OF PROCEDURES FOR SITE INSPECTIONS AND ENFORCEMENT |
| *BMP Description: The township uses Olmsted County's Soil Erosion, Sedimentation, Runoff, and Slope Stability Ordinance (Olmsted County Zoning Ordinance 10.20) for conducting ESC inspections, communicating the findings to the appropriate parties, re-inspecting sites, and enforcing the correction of ESC deficiencies. Location(s) in SWPPP of detailed information relating to this BMP: | |
| *Measurable Goals: # of ESC inspections each year # of enforcement actions each year | |
| *Timeline/Implementation Schedule: Ongoing throughout the term of the permit. | |
| Specific Components and Notes: None. | |
| *Responsible Party for this BMP: Name: Jim Baier Department: Marion Township Chair Phone: (507) 280-0421 E-mail: jimbaier@aol.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: Olmsted County

Minimum Control Measure: 5-Post-Construction Storm Water Management in New Development and Redevelopment

Unique BMP Identification Number: 5a-1

***BMP Title:** **DEVELOPMENT AND IMPLEMENTATION OF STRUCTURAL AND/OR NON-STRUCTURAL BMPs**

***BMP Description:**

The County may design and install structural and/or non-structural BMP's in order to reduce peak discharge rates, settle suspended solids and associated pollutants, and increase pollutant uptake through biological activity where necessary to mitigate problems associated with its conveyance system.

The karst geologic conditions of the County and the cold climate pose challenges for the implementation of volume control BMPs. The County will continue to look for opportunities to utilize infiltration or filtration BMPs (such as infiltration basins along the transportation network) so long as such applications do not compromise the quality of drinking water supplies (as determined with the guidance of Rochester Public Utilities) and long-term maintenance needs are reasonable.

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

***Measurable Goals:**

The #, type, size and location of storm water treatment ponds, infiltration BMPs or filtration BMPs constructed each year, noting, where applicable, which BMPs are part of a larger environmental corridor.
SWMP & addenda posted on the storm water web site for access by those preparing development plans.

***Timeline/Implementation Schedule:**

Ongoing throughout the term of the permit.

Specific Components and Notes:

None.

***Responsible Party for this BMP:**

Name: Mike Sheehan

Department: Olmsted County Public Works Department

Phone: 507-287-2480

E-mail: sheehan.michael@co.olmsted.mn.us

BMP Summary Sheet

MS4 Name: Olmsted County

Minimum Control Measure: 5-Post-Construction Storm Water Management in New Development and Redevelopment

Unique BMP Identification Number: 5b-1

***BMP Title:** **REGULATORY MECHANISM TO ADDRESS POST CONSTRUCTION RUNOFF FROM NEW DEVELOPMENT AND REDEVELOPMENT**

***BMP Description:**

Olmsted County already has regulatory mechanisms in place to address post construction runoff from new developments and redevelopments. The County will continue to implement these requirements and procedures. The mechanisms in place to deal with post construction runoff from new developments and redevelopments include, but not limited to, the County's Soil Erosion, Sedimentation, Runoff, and Slope Stability Ordinance (Appendix A), the plat review process, standard plans and specifications, the NPDES construction storm water permit guidelines, and erosion control plans. Enforcement of the County's requirements is accomplished through the approval processes, site inspections, and, when enforcement is necessary, by withholding permits, issuing stop work or correction orders, or imposing contract provisions.

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

***Measurable Goals:**

of instances of non-compliance with post-construction storm water management provisions

***Timeline/Implementation Schedule:**

Implementation of the regulatory mechanism to address post construction runoff from new development and redevelops is currently in place and will be ongoing throughout the term of the permit.

Specific Components and Notes:

None.

***Responsible Party for this BMP:**

Name: Mike Sheehan

Department: Olmsted County Public Works Department

Phone: 507-287-2480

E-mail: sheehan.michael@co.olmsted.mn.us

BMP Summary Sheet

MS4 Name: Marion Township

Minimum Control Measure: 5-Post-Construction Storm Water Management in New Development and Redevelopment

Unique BMP Identification Number: 5d-1

| | |
|--|------------------------|
| *BMP Title: | IMPAIRED WATERS |
| *BMP Description: | |
| <p><i>[Note: Impaired waters are waters that are included on the EPA/MPCA 303(d) Impaired Waters list. The MPCA MS4 Stormwater Permit requires a review of the storm water discharge(s) to list impaired waters to determine if there are SWPPP BMP's that may improve Minnesota waters that exceed the USEPA-approved Total Maximum Daily Load (TMDL) allocation for individual pollution parameters. A partial list of TMDL pollutants that have been identified in impaired waters that a SWPPP may address include the following: ammonia, pesticides, chloride, fecal coli form, dissolved oxygen, pH, turbidity and temperature. {see MPCA 2006 Final List of Impaired Waters http://www.pca.state.mn.us/publications/wq-iw1-03.xls and the MPCA Impaired Waters Search Tool at http://www.pca.state.mn.us/water/stormwater/stormwater-c.html - then Go to "Special and Impaired Waters" and Click on "Special Waters Search Tool" - dated 5-07}.]</i></p> <p>Marion Township has impaired waters that are included on the MPCA's 303(d) Impaired Waters list including Willow Creek and an unnamed creek located just south of Highway 14 and crossing 60th Ave. SE. Marion Township is also a part of the Lower Mississippi River fecal coliform project that had an EPA-approved TMDL approved 4/5/06. Marion Township has 18 months from this date to evaluate and modify the SWPPP. Part IV.D of the MS4 Permit requires the township to conduct a review of the storm water discharge(s) from the township that may impact impaired waters. For impaired waters that do not currently have a USEPA-approved TMDL, the permit requires the township to determine whether changes are warranted in the township SWPPP to reduce the impact of discharges.</p> <p>Water quality and ecological goals and objectives regarding the Township's lakes will be addressed in the Township's Surface Water Management Plan. Once developed, The Plan will include specific objectives that address collaboration with Olmsted County in the development of management plans for impaired waters within the Township. The Plan will indicate a biannual review of the following five impaired waters tasks that will be conducted during the current permit cycle:</p> <ol style="list-style-type: none">(1) Review the USEPA approved 303(d) impaired waters list (updated biannually by EPA) to determine whether any listed impaired waters receive a stormwater discharge from Marion township and are likely to be impacted by stormwater discharge from the township,(2) Use a combination of storm sewer maps and field surveys to identify all potential stormwater discharges impacting impaired waters,(3) Map the watershed area(s) which contribute to the above discharge point(s),(4) Utilize township board and staff to evaluate / consider the need for changes to the township SWPPP to reduce the impact of discharges from the township to the impaired waters by generally considering the following issues: hydrology and land characteristics such as total area, slope, type of vegetation, soil types, percentage of impervious surfaces, runoff volumes and rates, land use and other characteristics of the watershed area(s) of the receiving impaired water that may cause a stormwater impact.,(5) Document for township records a written overview discussion of the staff assumptions and decisions relating to the need for changes to the twp SWPPP to reduce identified pollutant levels. | |

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

***Measurable Goals:**

- Collaborate with Olmsted County to carry out a review of the impaired waters issue including a schedule of steps to be taken by using existing township and county staff or experts to make recommendations on incorporating improvements to the SWPPP.
- Completed reviews involving Township collaboration with Olmsted County to accomplish the five listed review tasks. This includes developing an outline of the schedule and steps to be taken to make changes to the SWPPP
- Complete a written overview discussion of the staff assumptions and decisions that change to the township SWPPP is needed to address TMDL improvements.
- Prepare a written inventory of all impaired waters within the township as well as those outside these boundaries likely to have an impact as a result of receiving stormwater discharge from the township; (compile as much detail about the stormwater discharges the township receives from other MS4's as is available.
- Revise the SWPPP by including:
 - (1) A map showing the location(s) of the impaired water(s), discharge points and identified watershed areas and the TMDL pollutants the SWPPP BMP's can address.
 - (2) Incorporating updated or new BMP summary sheets that implement the conclusions of the impaired waters review, and initiate the measures or actions that are warranted resulting in reduced impact from township discharge to the impaired water(s).

***Timeline/Implementation Schedule:**

2007-2011:

- By October 2007 establish a relationship with Olmsted County to collaborate on TMDL reviews for impaired waters within the Township
- By October 2, 2007 update SWPPP to include a plan and schedule the township will implement to meet the fecal coliform waste load allocation that was assigned by the EPA
- By February 2008 review USEPA approved 303(d) impaired waters list (updated biannually by EPA) and make any necessary changes
- By March 2008 prepare a written inventory of all impaired waters
- By October 2008 establish a review / drafting group to address impaired waters review and BMP drafting
- By February 2009 complete a written overview discussion of staff recommendations on possible TMDL improvements
- By Summer – Fall 2009 draft BMP changes to the SWPPP and complete drafts for revisions to twp ordinances
- 2009 - 2011 – implement BMP's to reduce impacts to impaired waters

Specific Components and Notes:

None.

***Responsible Party for this BMP:**

Name: Jim Baier

Department: Marion Township Chair

Phone: (507) 280-0421

E-mail: jimbaier@aol.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: Marion Township

Minimum Control Measure: 6-Pollution Prevention/Good Housekeeping

Unique BMP Identification Number: 6a-1

| | |
|---|---|
| *BMP Title: | MUNICIPAL OPERATIONS AND MAINTENANCE PROGRAM |
| *BMP Description: See 1c-6 for details on the Education Program for Pollution Prevention/Good Housekeeping for Municipal Operations, including maintenance. See 5c-1 for details on the Long-Term Operation and Maintenance of BMPs. See 6a-2 for details on Street Sweeping. See 6b-3 for details on the Inspection of a Minimum of 20% of the MS4 Outfalls, Sediment Basins and Ponds Each Year on a Rotating Basis. Location(s) in SWPPP of detailed information relating to this BMP: | |
| *Measurable Goals: See 1c-6. See 5c-1. See 6a-2. See 6b-3. | |
| *Timeline/Implementation Schedule: Ongoing throughout the term of the permit. | |
| Specific Components and Notes: None. | |
| *Responsible Party for this BMP: Name: Jim Baier Department: Marion Township Chair Phone: (507) 280-0421 E-mail: jimbaier@aol.com | |

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BMP Summary Sheet

MS4 Name: Marion Township

Minimum Control Measure: 6-Pollution Prevention/Good Housekeeping

Unique BMP Identification Number: 6a-2

| | |
|--|--------------------------|
| *BMP Title: | STREET SWEEPING** |
| *BMP Description: Marion Township does not conduct any street sweeping. There are a few streets with curb and gutter within the township that require sweeping and the City of Rochester is responsible for sweeping those streets. See 6a-2 of the City of Rochester SWPPP. Location(s) in SWPPP of detailed information relating to this BMP: | |
| *Measurable Goals: See 6a-2 of the City of Rochester SWPPP. | |
| *Timeline/Implementation Schedule: See 6a-2 of the City of Rochester SWPPP. | |
| Specific Components and Notes: None. | |
| *Responsible Party for this BMP: Name: Jim Baier Department: Marion Township Chair Phone: (507) 280-0421 E-mail: jimbaier@aol.com | |

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BMP Summary Sheet

MS4 Name: Marion Township

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: As of January 2007, the township does not own or operate any structural pollution control devices (e.g., trap manholes, grit chambers, sumps, floatable skimmers and traps, separators, or small settling or filtering devices). If any are installed during the term of this permit, inspections will be completed at least annually and an inspection record will be utilized to document each inspection's findings. Work orders will be prepared for any maintenance needs identified during inspections. Completion of work orders will be tracked. Location(s) in SWPPP of detailed information relating to this BMP: | |
| *Measurable Goals: Only after structural pollution control devices are installed: 1. Written inspection procedures, with inspection criteria and inspection record 2. Staff trained in the inspection of the devices 3. # of inspection records 4. # of work orders 5. Completed maintenance | |
| *Timeline/Implementation Schedule: Only after structural pollution control devices are installed - ongoing throughout the term of the permit. | |
| Specific Components and Notes: None. | |
| *Responsible Party for this BMP: Name: Jim Baier Department: Marion Township Chair Phone: (507) 280-0421 E-mail: jimbaier@aol.com | |

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BMP Summary Sheet

MS4 Name: Marion Township

Minimum Control Measure: 6-Pollution Prevention/Good Housekeeping

Unique BMP Identification Number: 6b-3

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| *BMP Title: | INSPECTION OF A MINIMUM OF 20% OF THE MS4 OUTFALLS, SEDIMENT BASINS AND PONDS EACH YEAR ON A ROTATING BASIS |
| *BMP Description: Develop procedures and inspection records prepared for outfalls and storm water ponds owned and maintained by Marion Township. The township will complete inspections utilizing the appropriate inspection record to document each inspection's findings. Work orders will be prepared for any maintenance needs identified during inspections. Completion of work orders will be tracked. Location(s) in SWPPP of detailed information relating to this BMP: | |
| *Measurable Goals: 1. By the end of each calendar year, the following goals will be reached, as a percentage of the total structures in existence during that year: Year 1 - 20% Year 2 - 40% Year 3 - 60% Year 4 - 80% Year 5 - 100% [Note: After all have been identified and inspected once, it is the township's intent to manage the inspection rotation so as to keep the interval between inspections as consistent as possible.] 2. # of inspection records 3. # of work orders 4. Completed maintenance | |
| *Timeline/Implementation Schedule: Ongoing throughout the term of the permit. | |
| Specific Components and Notes: None. | |
| *Responsible Party for this BMP: Name: Jim Baier Department: Marion Township Chair Phone: (507) 280-0421 E-mail: jimbaier@aol.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: Marion Township

Minimum Control Measure: 6-Pollution Prevention/Good Housekeeping

Unique BMP Identification Number: 6b-4

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|--|--|
| *BMP Title: | ANNUAL INSPECTION OF ALL EXPOSED STOCKPILE, STORAGE AND MATERIAL HANDLING AREAS |
| *BMP Description: Township staff will inspect all township owned and operated maintenance facilities. Inspections will include: storage areas, stockpiles, and/or material handling areas that are potentially exposed to storm water. Where feasible, practices will be altered to eliminate the potential for exposure of significant materials to storm water. Where exposure cannot be eliminated, practices will be implemented to reduce the potential for exposure to storm water. Staff will be trained to properly manage those areas and to conduct annual inspections to insure the recommended practices, or their equivalent, are in use. Location(s) in SWPPP of detailed information relating to this BMP: | |
| *Measurable Goals: Maintain a maintenance site that does not have stormwater runoff problems. | |
| *Timeline/Implementation Schedule: Ongoing throughout the term of the permit. | |
| Specific Components and Notes: None. | |
| *Responsible Party for this BMP: Name: Jim Baier Department: Marion Township Chair Phone: (507) 280-0421 E-mail: jimbaier@aol.com | |

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BMP Summary Sheet

MS4 Name: Marion 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: Each of the following SWPPP BMPs contain elements related to maintenance following inspections: <ul style="list-style-type: none">• 3c-1 Illicit Discharge Detection and Elimination Plan.• 5c-1 Long-Term Operation and Maintenance of BMPs.• 6a-2 Street Sweeping.• 6b-3 Inspection of a Minimum of 20% of the MS4 Outfalls, Sediment Basins and Ponds Each Year on a Rotating Basis.• 6b-4 Annual Inspection of All Exposed Stockpile, Storage and Material Handling Areas. <p>In general, an inspection record appropriate to the inspection may be used to document each inspection's findings, after which, work orders may be prepared to address any identified maintenance needs, and completion of work orders may be tracked. It is the responsibility of the maintenance manager for each department to determine whether general maintenance (e.g., cleaning), repair, or replacement is appropriate based on internal operational and budget criteria.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP:</p> | |
| *Measurable Goals: # of inspection records identifying maintenance needs Completed maintenance activities (including repair or replacement) | |
| *Timeline/Implementation Schedule: Ongoing throughout the term of the permit. | |
| Specific Components and Notes: None. | |
| *Responsible Party for this BMP: Name: Jim Baier Department: Marion Township Chair Phone: (507) 280-0421 E-mail: jimbaier@aol.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: Marion Township

Minimum Control Measure: 6-Pollution Prevention/Good Housekeeping

Unique BMP Identification Number: 6b-6

| | |
|--|---|
| *BMP Title: | RECORDKEEPING, REPORTING, AND RECORD RETENTION OF ALL INSPECTIONS AND RESPONSES TO THE INSPECTIONS |
| *BMP Description: Marion Township will develop a tracking system for its various inspections and the responses to them, such as: citizen complaints, ESC inspection summaries, outfall inspections and work order summaries. The system may include, but is not limited to: inspection records, photographs, notes, file memos, enforcement correspondence, grading plans, construction plans, and work orders. The tracking system will be utilized each year to prepare the summary information to be included in the annual MS4 report. Location(s) in SWPPP of detailed information relating to this BMP: | |
| *Measurable Goals: <ul style="list-style-type: none">• The record keeping systems are used appropriately, as determined by the presence of complete records.• An annual report is submitted to the MPCA summarizing the inspection work for the previous calendar year.• Records are retained in archives for at least five years after project close-out. | |
| *Timeline/Implementation Schedule: Record keeping system established by the end of 2007, then ongoing throughout the term of the permit. | |
| Specific Components and Notes: None. | |
| *Responsible Party for this BMP: Name: Jim Baier Department: Marion Township Chair Phone: (507) 280-0421 E-mail: jimbaier@aol.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: Marion Township

Minimum Control Measure: 6-Pollution Prevention/Good Housekeeping

Unique BMP Identification Number: 6b-7

| | |
|--|---|
| *BMP Title: | EVALUATION OF INSPECTION FREQUENCY |
| *BMP Description: The point at which an evaluation of inspection frequency is made varies, depending on the type of inspection: 1. ESC inspection frequency is evaluated in an ongoing fashion. Site that routinely show adequate ESC measures are in place may be inspected less frequently, while those that routinely show ESC deficiencies may need to be inspected more frequently. Further, other situations may alter the frequency of inspection, such as the type of infraction (sediment tracking in the street) or the occurrence of a significant rainfall event. 2. Ponds and outfall 20% inspection frequency will not be re-evaluated until the next permit term. 3. Other inspection frequencies are determined by specific permit requirements and will not be modified. Location(s) in SWPPP of detailed information relating to this BMP: | |
| *Measurable Goals: 1. Inspection frequency adjusted according to the specific conditions of the site being inspected. 2. No inspection frequency adjustment. 3. No inspection frequency adjustment. | |
| *Timeline/Implementation Schedule: 1. Ongoing throughout the term of the permit. 2. Not applicable. 3. Not applicable. | |
| Specific Components and Notes: None. | |
| *Responsible Party for this BMP: Name: Jim Baier Department: Marion Township Chair Phone: (507) 280-0421 E-mail: jimbaier@aol.com | |

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

