

Watab Township MS4 SWPPP

Watab Township background information:

Watab Township is located on Benton County's west central border, and is one of the County's most urbanized Townships. Although there are no cities or rural centers located in the Township, due to its proximity to Sartell, Sauk Rapids, and St. Cloud, as well as such residential amenities as the Mississippi River and Little Rock Lake, Watab is experiencing increased pressure for further development.

Watab is also the least agricultural Township in Benton County. With 8,596 acres, only 63.1 percent of its land area is designated as Agricultural. Residential development is the second largest land use category in Watab. Consisting of 3,094 acres or 22.7 percent of the total Township land area, most of these residential areas are located around Little Rock Lake and the Mississippi River. In addition, there are a number of scattered small lot farmsteads as well as larger lot rural residential estates located throughout the Township. According to the most current data, the population of Watab is approximately 2,900 people, which is greater than the cities of Foley and Rice combined.

Due to the location of U.S. Highway 10 in Watab, commercial and industrial development comprises a larger share of its land area than other townships. Comprising 464.4 acres or 3.4 percent of Watab's land area, commercial and industrial development is focused on providing goods and services to the surrounding area as well as to the traveling public. As the Watab area grows, commercial development will continue to be located along this regional highway.

Existing Zoning

As a result of the increasing amount of urban development found along Highway 10 and Little Rock Lake, nearly all of the County's zoning classifications can be found in Watab. Residential districts are located along Little Rock Lake and the Mississippi River while commercial and industrial districts are located along Highway 10. The eastern half of the Township is zoned A-2 Agriculture as is the Northwest corner of the Township. These districts identify the locations of the few remaining agricultural operations located in Watab.

Planning Issues

Watab faces considerable challenges in the near future. Due to the increasing amount of urban development in Watab Township, planning issues center around accommodating growth in a manner that is well planned, has adequate infrastructure, and does not encroach upon those landowners who want to continue to farm. In addition, the pressure for additional highway commercial development serving the growing population will continue to increase.

Land Use Plan

Due to this increasing growth, the Benton County Comprehensive plan of 1999 has termed a large portion of Watab as "urban transition". What does urban transition mean? According to the Benton County Department of Development, this term can be defined in several ways. The Department of Development is willing to work with the citizens of Watab in creating a land use plan that will support all of the needs of our community.

Permits

Benton County issues land use permits. Watab Township has adopted the Minnesota Universal Building Code and requires that a building permit be obtained. Nancy Scott of AllSpec Services, LLC is the Township Building Inspector and can be reached at 320-293-5298. The Township also requires a driveway access permit which can be obtained from the clerk.

Road Services

The townships maintain township roads. The county roads are maintained by the county. You need to know which you live on. Snowplowing and ditch mowing in Watab Township is done by George Mastey at 320-387-3060.

Emergency Services

Approximately the north third of the township receives emergency services from the Rice Fire Department. The City of Rice now has the Gold Cross medical emergency squad housed within the fire hall. This addition will aid in the response time for medical emergencies. The southern two-thirds of the township (Saldana/95th street) to the southern township border is covered by the Sauk Rapids Fire Department.

Township Officers

Lloyd Erdmann Chairperson
320-393-4279
lloyderdmann@cloudnet.com

Craig Gondeck
320-393-3120

Brad McIntosh
320-255-1521

Treasurer:
Eileen Saldana

Clerk:
Pat Spence
320-255-8916

Self Assessment Process:

BMP Summary Sheet Instructions

Minimum Control Measure 1: PUBLIC EDUCATION AND OUTREACH

Key to Unique BMP ID Numbers	Required BMP Title	Permit Reference
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
	Additional BMP Summary Sheet (Copy as Necessary)	

Minimum Control Measure 2: PUBLIC PARTICIPATION/INVOLVEMENT

Key to Unique BMP ID Numbers	Required BMP Title	Permit Reference
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
	Additional BMP Summary Sheet (Copy as Necessary)	

Minimum Control Measure 3: ILLICIT DISCHARGE DETECTION AND ELIMINATION

Key to Unique BMP ID Numbers	Required BMP Title	Permit Reference
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
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
	Additional BMP Summary Sheet (Copy as Necessary)	

Minimum Control Measure 4: CONSTRUCTION SITE STORMWATER RUNOFF CONTROL

Key to Unique BMP ID Numbers	Required BMP Title	Permit Reference
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
	Additional BMP Summary Sheet (Copy as Necessary)	

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

Key to Unique BMP ID Numbers	Required BMP Title	Permit Reference
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
	Additional BMP Summary Sheet (Copy as Necessary)	

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
	Additional BMP Summary Sheet (Copy as Necessary)	

Key to Unique BMP ID Numbers	Required BMP Title	Permit Reference
7a-1	Impaired Waters Review Process	IV.D Section 303(d) listings

BMP Summary Sheet

MS4 Name: Watab Township, Minnesota

Minimum Control Measure: 1-PUBLIC EDUCATION AND OUTREACH

Unique BMP Identification Number: 1a-1

<p>*BMP Title: Distribute Educational Materials</p>
<p>*BMP Description:</p> <p>Put together flier and send to each household in township via US Mail. The flier will educate the public on the history of the clean water act and stormwater rule making. Township will include information on its website regarding its stormwater management program. It will also include tips for erosion prevention and sediment control techniques on the website. The information will be provided as general guidelines for managing sites. Much of the information will be supported by pictorials. The webpage will contain links to area professionals and agencies that provide services in the stormwater management industry.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP:</p>
<p>*Measurable Goals:</p> <p>Develop links to area stormwater professionals' websites Designate responsible party and designate space in township flier for stormwater management activity information. Development additional programs to address specific issues in regard to stormwater management within the township</p>
<p>*Timeline/Implementation Schedule:</p> <p>2007 provide links to area stormwater management professionals' websites 2007 Maintain up-to-date Township website with informational website links to PCA, Red Barn Ridge, MECA and more. 2008 designate responsible party and designate space in township flier for stormwater management activity information.</p>
<p>Specific Components and Notes:</p> <p>Target audience Township residents</p>
<p>*Responsible Party for this BMP:</p> <p>Name: Maureen Graber, Representative of the Watab Town Board Department: Phone: 320-282-7113 Maureen Graber Cell E-mail: graber@jetup.net</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: Watab Township, Minnesota

Minimum Control Measure: PUBLIC EDUCATION AND OUTREACH

Unique BMP Identification Number: 1b-1

<p>*BMP Title: Implement an Education Program</p>
<p>*BMP Description:</p> <p>Township will rely heavily on its website to educate resident because Watab township is a rural setting with no schools and few appropriate commercial sites. Area schools in neighboring MS4s have implemented education programs to address public outreach and education in their SWPPPs.</p> <p>Create Township website with informational website links to PCA, Red Barn Ridge, MECA and more.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP:</p>
<p>*Measurable Goals:</p> <p>Follow up with neighboring MS4 to verify activities.</p> <p>Annual review of Township website</p>
<p>*Timeline/Implementation Schedule:</p> <p>2007 Maintain up-to-date Township website with informational website links to PCA, Red Barn Ridge, MECA and more.</p> <p>2009 Create verification report</p>
<p>Specific Components and Notes:</p>
<p>*Responsible Party for this BMP:</p> <p>Name: Maureen Graber, Representative of the Watab Town Board</p> <p>Department:</p> <p>Phone: 320-282-7113 Maureen Graber Cell</p> <p>E-mail: graber@jetup.net</p>

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BMP Summary Sheet

MS4 Name: Watab Township, Minnesota

Minimum Control Measure: PUBLIC EDUCATION AND OUTREACH

Unique BMP Identification Number: 1c-1

*BMP Title: Education Program: Public Education and Outreach
*Audience(s) Involved: All township residents, business owners, town board, developers, contractors, etc
*Educational Goals for Each Audience: Increase awareness. Create a positive attitude and commitment to improving the community.
*Activities Used to Reach Educational Goals: 1.) Stake holders meeting as they are requested and organized 2.) Distribution of educational information fliers at town hall 3.) Maintain up-to-date website Township website with informational website links to PCA, Red Barn Ridge, MECA and more. 4.) Promote seminars and other programs 5.) Report at annual meeting
*Activity Implementation Plan: 2007 website update 2008 fliers at town hall 2008 Community meeting and focus groups
*Performance Measures: Track number of complaints Track attendance at meetings Track use of information channels Annual review of website
*Responsible Party for this BMP: Name: Maureen Graber, Representative of the Watab Town Board Department: Phone: 320-282-7113 Maureen Graber Cell E-mail: graber@jetup.net

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BMP Summary Sheet

MS4 Name: Watab Township, Minnesota

Minimum Control Measure: PUBLIC EDUCATION AND OUTREACH

Unique BMP Identification Number: 1c-2

*BMP Title: Education Program: Public Participation
*Audience(s) Involved: All township residents, business owners, town board, developers, contractors, etc
*Educational Goals for Each Audience: Educate the public on the importance, impact, and interrelatedness to water quality issues and how the activities of humans can impact the environment as a whole. Teach the public what are acceptable activities. Teach the public how to identify and react to illicit discharges and hazardous spills
*Activities Used to Reach Educational Goals: Township website Informational website links to PCA, Red Barn Ridge, MECA and more. Seminars, and fliers
*Activity Implementation Plan: 2007 website update 2008 fliers at town hall 2008 Community meeting and focus groups
*Performance Measures: Track number of complaints Track attendance at meeting Track use of information channels
*Responsible Party for this BMP: Name: Maureen Graber, Representative of the Watab Town Board Department: Phone: 320-282-7113 Maureen Graber Cell E-mail: graber@jetup.net

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BMP Summary Sheet

MS4 Name: Watab Township, Minnesota

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: General public - township residents
*Educational Goals for Each Audience: Create an understanding of what an illicit discharge is, how it affects the environment, what to do about it, and how to prevent it.
*Activities Used to Reach Educational Goals: Township website Informational website links to PCA, Red Barn Ridge, MECA and more. Seminars, and fliers
*Activity Implementation Plan: 2007 website update 2008 fliers at town hall 2008 Community meeting and focus groups
*Performance Measures: Track number of complaints Track attendance at meeting Track use of information channels Annual review of website
*Responsible Party for this BMP: Name: Maureen Graber, Representative of the Watab Town Board Department: Phone: 320-282-7113 Maureen Graber Cell E-mail: graber@jetup.net

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BMP Summary Sheet

MS4 Name: Watab Township, Minnesota

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: Excavators, Building trades sub-contractors, engineers, inspectors, and general public
*Educational Goals for Each Audience: Teach them the regulations. Teach them the BMP options. Teach them how to react to differing situations Teach them to whom and how to report problems.
*Activities Used to Reach Educational Goals: Website - Maintain up-to-date Township website with informational website links to PCA, Red Barn Ridge, MECA and more. Seminars, and fliers
*Activity Implementation Plan: 2007 Update Township website 2007 Fliers at town hall 2008 Erosion and sediment control seminars 2008 Community meeting and focus groups
*Performance Measures: Track number of inspection reported violations Track number of complaints Track attendance at meeting Track use of information channels Annual review of website
*Responsible Party for this BMP: Name: Maureen Graber, Representative of the Watab Town Board Department: Phone: 320-282-7113 Maureen Graber Cell E-mail: graber@jetup.net

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BMP Summary Sheet

MS4 Name: Watab Township, Minnesota

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
*Audience(s) Involved: Home owners and general public
*Educational Goals for Each Audience: Teach them what is acceptable activity regarding stormwater management Teach them how to perform inspection of stormwater structures and devices in their community i.e. Annual pond maintenance inspections
*Activities Used to Reach Educational Goals: Erosion and sediment control seminars Township website Informational website links to PCA, Red Barn Ridge, MECA and more. Fliers Community meeting and focus groups
*Activity Implementation Plan: 2007 Erosion and sediment control seminars 2007 website update, fliers at town hall 2008 Community meeting and focus groups
*Performance Measures: Track number of inspection reported violations Track number of complaints Track meeting requests Review annual inspection reports
*Responsible Party for this BMP: Name: Maureen Graber, Representative of the Watab Town Board Department: Phone: 320-282-7113 Maureen Graber Cell E-mail: graber@jetup.net

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BMP Summary Sheet

MS4 Name: Watab Township, Minnesota

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: Municipal worker, Administrators, and hired contractors
*Educational Goals for Each Audience: To make know the impact, good and bad, their activities can have on the storm water issues and environmental health or the community. To help create a township wide awareness or example via public works projects or activities. Foster a sense of civic pride
*Activities Used to Reach Educational Goals: Erosion and sediment control Provide education for waste handling Township programs promoting Recycling, Used motor oil disposal, Township programs promoting old tire disposal Township activities encouraging Hazardous waste identification and disposal
*Activity Implementation Plan: Expand existing programs Annually
*Performance Measures: Track public response or participation
*Responsible Party for this BMP: Name: Maureen Graber, Representative of the Watab Town Board Department: Phone: 320-282-7113 Maureen Graber Cell E-mail: graber@jetup.net

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BMP Summary Sheet

MS4 Name: Watab Township, Minnesota

Minimum Control Measure: PUBLIC EDUCATION AND OUTREACH

Unique BMP Identification Number: 1d-1

<p>*BMP Title: Coordination of Education Program</p>
<p>*BMP Description: Co-op with neighboring communities, state agencies, Benton County, and with Watab Township SWPPP's BMP programs, times, and locations when ever possible.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP:</p>
<p>*Measurable Goals: Provide information about web links/access to educational material available from MPCA, Benton County, local schools, and other resources.</p>
<p>*Timeline/Implementation Schedule: 2007 Maintain up-to-date Township website with informational website links to PCA, Red Barn Ridge, MECA and more. Update links annually or as needed.</p>
<p>Specific Components and Notes:</p>
<p>*Responsible Party for this BMP: Name: Maureen Graber, Representative of the Watab Town Board Department: Phone: 320-282-7113 Maureen Graber Cell E-mail: graber@jetup.net</p>

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BMP Summary Sheet

MS4 Name: Watab Township, Minnesota

Minimum Control Measure: PUBLIC EDUCATION AND OUTREACH

Unique BMP Identification Number: 1e-1

<p>*BMP Title: Annual Public Meeting</p>
<p>*BMP Description:</p> <p>The township will conduct an annual meeting to review stormwater and water quality issue. The township MS4 SWPPP in general will be reviewed at this time also.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP:</p>
<p>*Measurable Goals:</p> <p>Place on agenda for Watab Township annual meeting. Annual meeting is held in March. Review adherence to township SWPPP</p>
<p>*Timeline/Implementation Schedule:</p> <p>2007 Annually</p>
<p>Specific Components and Notes:</p> <p>Encourage stakeholders, public officials and general public to participate Promote participation</p>
<p>*Responsible Party for this BMP:</p> <p>Name: Maureen Graber, Representative of the Watab Town Board Department: Phone: 320-282-7113 Maureen Graber Cell E-mail: graber@jetup.net</p>

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BMP Summary Sheet Instructions

Minimum Control Measure 2: PUBLIC PARTICIPATION/INVOLVEMENT

Key to Unique BMP ID Numbers	Required BMP Title	Permit Reference
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

BMP Summary Sheet

MS4 Name: Watab Township, Minnesota

Minimum Control Measure: 2-PUBLIC PARTICIPATION/INVOLVEMENT

Unique BMP Identification Number: 2a-1

<p>*BMP Title: Comply with Public Notice Requirements</p>
<p>*BMP Description:</p> <p>The township will place NPDES Phase II program on the agenda of the annual town Board meeting in advance of the annual report. Or township will hold a special meeting to review the year's progress. Meetings will be used to solicit input from citizens.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP:</p>
<p>*Measurable Goals:</p> <p>Meeting notice published in advance, per state law Specify format and timing of meeting to ensure full and fair consideration of all views. Post on township website</p>
<p>*Timeline/Implementation Schedule:</p> <p>Notice posting prior to meeting (using standard posting procedures and methods) 2007 update website</p>
<p>Specific Components and Notes:</p>
<p>*Responsible Party for this BMP:</p> <p>Name: Maureen Graber, Representative of the Watab Town Board Department: Phone: 320-282-7113 Maureen Graber Cell E-mail: graber@jetup.net</p>

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BMP Summary Sheet

MS4 Name: Watab Township, Minnesota

Minimum Control Measure: 2-PUBLIC PARTICIPATION/INVOLVEMENT

Unique BMP Identification Number: 2b-1

<p>*BMP Title: Solicit Public Input and opinion on the Adequacy of the SWPPP</p>
<p>*BMP Description:</p> <p>The township will make the SWPPP and relates records available to the general public at reasonable times during town hall business hours or post on website or both.</p> <p>The township will follow applicable public notice requirements and solicit public opinion about the adequacy of the SWPPP. The township will consider both written and oral public comments.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP:</p>
<p>*Measurable Goals:</p> <p>Provide an opportunity for the public input in written or oral format. Track number of suggestions and composition. Set participation goals</p>
<p>*Timeline/Implementation Schedule:</p> <p>Annually</p>
<p>Specific Components and Notes:</p>
<p>*Responsible Party for this BMP:</p> <p>Name: Maureen Graber, Representative of the Watab Town Board Department: Phone: 320-282-7113 Maureen Graber Cell E-mail: graber@jetup.net</p>

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BMP Summary Sheet

MS4 Name: Watab Township, Minnesota

Minimum Control Measure: 2-PUBLIC PARTICIPATION/INVOLVEMENT

Unique BMP Identification Number: 2c-1

<p>*BMP Title: Consider Public Input</p>
<p>*BMP Description:</p> <p>The township will place NPDES Phase II MS4 program on the agenda of the Town Board in advance of the annual report or hold a special meeting to review year's progress and to solicit input from the public.</p> <p>The township will make the SWPPP and relates records available to the general public at reasonable times during town hall business hours or post on website or both.</p> <p>The township will follow applicable public notice requirements and solicit public opinion about the adequacy of the SWPPP. The township will consider both written and oral public comments</p> <p>Location(s) in SWPPP of detailed information relating to this BMP:</p>
<p>*Measurable Goals:</p> <p>Provide an opportunity for the public input in written or oral format. Review public comments for appropriateness and feasibility. Summarize possible changes in annual report. Track number of suggestions and composition.</p>
<p>*Timeline/Implementation Schedule:</p> <p>Annually</p>
<p>Specific Components and Notes:</p>
<p>*Responsible Party for this BMP:</p> <p>Name: Maureen Graber, Representative of the Watab Town Board Department: Phone: 320-282-7113 Maureen Graber Cell E-mail: graber@jetup.net</p>

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BMP Summary Sheet Instructions

Minimum Control Measure 3: ILLICIT DISCHARGE DETECTION AND ELIMINATION

Key to Unique BMP ID Numbers	Required BMP Title	Permit Reference
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
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

BMP Summary Sheet

MS4 Name: Watab Township, Minnesota

Minimum Control Measure: 3-ILLCIT DISCHARGE DETECTION AND ELIMINATION

Unique BMP Identification Number: 3a-1

<p>*BMP Title: Storm Sewer System Map</p>
<p>*BMP Description:</p> <p>A map showing the township's natural drainage ways and the man made conveyances. The township has no storm sewer system curb, gutter, & piping. Special attention will be paid to streams and ditches leading to Little Rock Lake, Harris Channel and the Mississippi River.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP:</p>
<p>*Measurable Goals:</p> <p>Report mapping progress to board semi-annually.</p>
<p>*Timeline/Implementation Schedule:</p> <p>A map showing all systems conveying stormwater to the above mentioned water bodies after 1/2 inch of rain will be mapped by march 2008. Each year the map will be reviewed and updated as needed Note; In much of the township rain of less than 1/2" typically infiltrate into the sandy soils.</p>
<p>Specific Components and Notes:</p>
<p>*Responsible Party for this BMP:</p> <p>Name: Maureen Graber, Representative of the Watab Town Board Department: Phone: 320-282-7113 Maureen Graber Cell E-mail: graber@jetup.net</p>

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BMP Summary Sheet

MS4 Name: Watab Township, Minnesota

Minimum Control Measure: 3-ILLCIT DISCHARGE DETECTION AND ELIMINATION

Unique BMP Identification Number: 3b-1

<p>*BMP Title: Regulatory Control Program</p>
<p>*BMP Description:</p> <p>Watab Township will create an ordinance regulating discharge into drainage ways. The ordinance will provide direction to citizens on prohibited discharges. These may include:</p> <ul style="list-style-type: none">• Debris or other materials such as grass clippings, vegetative materials, tree branches, earth fill, rocks, concrete chunks, metal, other demolition or construction materials, or structures.• The disposal or misuse of chemicals or any other materials that would degrade the quality of waters within the system, including, but not limited to chemicals (fertilizers, herbicides, pesticides, etc) or petroleum based products (gasoline, oil, fuels, solvents, paint, etc.) <p>Location(s) in SWPPP of detailed information relating to this BMP:</p>
<p>*Measurable Goals:</p> <p>Create an ordinance by 2008. Review ordinance semi annually and update as needed</p>
<p>*Timeline/Implementation Schedule:</p> <p>Fully implemented by 2009</p>
<p>Specific Components and Notes:</p>
<p>*Responsible Party for this BMP:</p> <p>Name: Maureen Graber, Representative of the Watab Town Board Department: Phone: 320-282-7113 Maureen Graber Cell E-mail: graber@jetup.net</p>

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BMP Summary Sheet

MS4 Name: Watab Township, Minnesota

Minimum Control Measure: 3-ILLICIT DISCHARGE DETECTION AND ELIMINATION

Unique BMP Identification Number: 3c-1

<p>*BMP Title: Illicit Discharge Detection and Elimination Plan</p>
<p>*BMP Description:</p> <p>Township will review explore hiring a professional inspection and consulting company provide oversight of its drainage ways.</p> <p>Township will require all NPDES permitted sites to submit their SWPPP to the township for review of potential impact on township drainage ways and waters</p> <p>Location(s) in SWPPP of detailed information relating to this BMP:</p>
<p>*Measurable Goals:</p> <p>Review inspection records and track number of violations annually</p> <p>Review inspection records of compliance to site SWPPP annually</p>
<p>*Timeline/Implementation Schedule:</p> <p>Make hiring of an Inspection / consulting company decision by June 2007</p> <p>SWPPP review procedure in place by June 2008</p>
<p>Specific Components and Notes:</p>
<p>*Responsible Party for this BMP:</p> <p>Name: Maureen Graber, Representative of the Watab Town Board</p> <p>Department:</p> <p>Phone: 320-282-7113 Maureen Graber Cell</p> <p>E-mail: graber@jetup.net</p>

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BMP Summary Sheet

MS4 Name: Watab Township, Minnesota

Minimum Control Measure: 3-ILLCIT DISCHARGE DETECTION AND ELIMINATION

Unique BMP Identification Number: 3d-1

<p>*BMP Title: Public and Employee Illicit Discharge Information Program</p>
<p>*BMP Description:</p> <p>The public will be informed through information posted in the town hall and postings on the town website. The township will establish a channel for reporting violations by the public and employees. The township will conduct bi-annual stormwater seminars.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP:</p>
<p>*Measurable Goals:</p> <p>The number of Public complaints will be tracked. The number of complaints from the MPCA will also be tracked.</p>
<p>*Timeline/Implementation Schedule:</p> <p>Seminar to start in 2007 Tracking 2008 Report posting 2008</p>
<p>Specific Components and Notes:</p>
<p>*Responsible Party for this BMP:</p> <p>Name: Maureen Graber, Representative of the Watab Town Board Department: Phone: 320-282-7113 Maureen Graber Cell E-mail: graber@jetup.net</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: Watab Township, Minnesota

Minimum Control Measure: 3-ILLCIT DISCHARGE DETECTION AND ELIMINATION

Unique BMP Identification Number: 3e-1

<p>*BMP Title: Identification of Non Stormwater Discharges and Flows</p>
<p>*BMP Description:</p> <p>Watab Township is primarily a rural area and is an MS4 due to its proximity to a larger urbanized area. The Township will develop a process to evaluate whether any of the following categories of non-stormwater discharges or flows are significant contributors of pollutants to our MS4: Water line flushing, landscape irrigation, diverted stream flows, rising ground waters, uncontaminated ground water infiltration, 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.</p> <p>For any non-stormwater discharges or flows which the Township finds to be a significant contributor of pollutants to the MS4, the Township will develop an action plan to evaluate and address the impact the discharge is having on stormwater quality. Note: There will be a number of multi-unit private sewage treatment systems that are regulated under non stormwater permits. Location(s) in SWPPP of detailed information relating to this BMP:</p>
<p>*Measurable Goals:</p> <ol style="list-style-type: none">1) Develop a process to investigate and evaluate the potential for the non-stormwater discharges identified in permit Part V.G.3.e (see above) to be significant contributors of pollutants to our MS4.2) Conduct investigation and evaluation of non-stormwater discharges and flows.3) For those non-stormwater discharges or flows identified as significant contributors of pollutants to our MS4, develop an action plan to evaluate and address the impact the discharge is having on stormwater quality.4) Implement the action plan for significant non-stormwater discharges and flows.
<p>*Timeline/Implementation Schedule:</p> <p>Calendar Year 2008-Develop process to investigate and evaluate non-stormwater discharges and flows. Conduct investigation and evaluation of non-stormwater discharges and flows and develop action plans for those which are identified as being significant contributors of pollutants to our MS4. Calendar Year 2009-Implement the action plans for significant non-stormwater discharges and flows. Calendar Year 2010 and beyond-Continue with action plan above. Evaluate the implementation phase and make adjustments as necessary.</p>
<p>Specific Components and Notes:</p> <p>Review of non stormwater permit compliance</p>
<p>*Responsible Party for this BMP:</p> <p>Name: Maureen Graber, Representative of the Watab Town Board Department: Phone: 320-282-7113 Maureen Graber Cell E-mail: graber@jetup.net</p>

Minimum Control Measure 4: CONSTRUCTION SITE STORMWATER RUNOFF CONTROL

Key to Unique BMP ID Numbers	Required BMP Title	Permit Reference
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
	Additional BMP Summary Sheet (Copy as Necessary)	

BMP Summary Sheet

MS4 Name: Watab Township, Minnesota

Minimum Control Measure: 4-CONSTRUCTION SITE STORMWATER RUNOFF CONTROL

Unique BMP Identification Number: 4a-1

<p>*BMP Title: Ordinance or other Regulatory Mechanism</p>
<p>*BMP Description:</p> <p>Watab Township will create an erosion and sediment control ordinance which will be consistent with the requirements as established in the General Permit Authorization to Discharge Storm Water Associated with Construction Activity under the National Pollutant Discharge Elimination System/State Disposal System Permit Program (NPDES/SDS) and rules, as amended. Where possible, we will partner with neighboring municipalities to create a uniform ordinance or other regulatory mechanism to reduce duplication of effort and provide consistency.</p> <p>The General Permit requirements include the following: Requirements for Site Plan submittal by site operators to the MS4 for review and approval. Requirements and design standards for temporary erosion and sediment controls during construction activities Requirements for record keeping of rainfall amounts and regular inspections by site operators. Requirements and criteria for dewatering and basin draining waste controls and BMP maintenance. Requirements and design standards for permanent erosion and sediment controls</p> <p>The ordinance will outline sanctions to ensure compliance which include an enforcement component. Compliance tools will be developed as the ordinance is developed. .</p> <p>Location(s) in SWPPP of detailed information relating to this BMP: Watab Town Hall</p>
<p>*Measurable Goals:</p> <p>Review partner community ordinance Establish chain of responsibility for administration of ordinance Establish approval process of items regulated by ordinance Develop Township ordinance and implement within 6 months after coverage under the NPDES General Permit. Develop Contract with Inspection consultant March 2007 Hire consulting company June 1 Review contract on yearly basis for effectiveness based on pre-determined criteria</p>
<p>*Timeline/Implementation Schedule:</p> <p>2007 Review partner community ordinances 2007 Establish chain or responsibility and approval process of items regulated by ordinance. 2007 into 2008 Develop and implement the ordinance.</p>
<p>*Responsible Party for this BMP:</p> <p>Name: Maureen Graber, Representative of the Watab Town Board Phone: 320-282-7113 Maureen Graber Cell E-mail: graber@jetup.net</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: Watab Township, Minnesota

Minimum Control Measure: 4-CONSTRUCTION SITE STORMWATER RUNOFF CONTROL

Unique BMP Identification Number: 4b-1

<p>*BMP Title: Construction Site Implementation of Erosion and Sediment Control BMPs</p>
<p>*BMP Description:</p> <p>Township will review all Stormwater plans (SWPPP) and the installation of the BMPs before issuing a building permits. Review all construction site documentations to verify that appropriate BMPs or combinations of BMPs are utilized. All excavation sites will be required to have an ESC certified person or firm overseeing the sites BMPs.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP:</p>
<p>*Measurable Goals:</p> <p>Review each NPDES permit and site SWPPP currently within township. Review permitting procedure at public meeting and verify that all BMPs are in place before building permit is issued. Review permitting procedure at public meeting and verify that every site has a certified person or firm overseeing it.</p>
<p>*Timeline/Implementation Schedule:</p> <p>June 1 2008 or before for full implementation BMP installation prior to issuing building permits. June 1 2008, Documents review will be conducted by Town Supervisor or consulting company.</p>
<p>Specific Components and Notes:</p>
<p>*Responsible Party for this BMP:</p> <p>Name: Maureen Graber, Representative of the Watab Town Board Department: Phone: 320-282-7113 Maureen Graber Cell E-mail: graber@jetup.net</p>

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BMP Summary Sheet

MS4 Name: Watab Township, Minnesota

Minimum Control Measure: 4-CONSTRUCTION SITE STORMWATER RUNOFF CONTROL

Unique BMP Identification Number: 4c-1

<p>*BMP Title: Waste Controls for Construction Site Operators</p>
<p>*BMP Description:</p> <p>Township ordinance will address onsite waste storage BMP. The ordinance will require effective control of solid waste i.e.</p> <p>Building waste dumpsters Ready Mix Concrete washout area. and proper removal and disposal at completion of project. Hazardous waste Human waste</p> <p>All inspections required by the township and/or the NPDES will note any excessive waste on site or in dumpsters. Ordinance will require Dumpsters filled to capacity to be covered or remove. Ordinance will require all erosion and sediment control devices to be maintained and in working order or to be removal and disposed of properly. Ordinance will require all waste concrete to be removed and disposed of at a recycler or state recognized site. Location(s) in SWPPP of detailed information relating to this BMP:</p>
<p>*Measurable Goals:</p> <p>Establish of ordinances 2007 into 2008 Establish inspection check list to verify compliance June 2008 Review inspection compliance records annually</p>
<p>*Timeline/Implementation Schedule:</p> <p>May 1 2008 Adoption of Ordinance by Town Supervisors at Public meeting Annually Review inspection compliance records annually at Public meeting Annually</p>
<p>Specific Components and Notes:</p>
<p>*Responsible Party for this BMP:</p> <p>Name: Maureen Graber, Representative of the Watab Town Board Department: Phone: 320-282-7113 Maureen Graber Cell E-mail: graber@jetup.net</p>

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BMP Summary Sheet

MS4 Name: Watab Township, Minnesota

Minimum Control Measure: 4-CONSTRUCTION SITE STORMWATER RUNOFF CONTROL

Unique BMP Identification Number: 4e-1

*BMP Title: Establishment of Procedures for the Receipt and Consideration of Reports of Stormwater Noncompliance
*BMP Description: The township will establish a formal complaint response program to address construction site stormwater run off complaints and to support the illicit discharge detection program. The township will respond to calls regarding construction site stormwater related concerns. Residents of the township will be able to use the call line to report illicit discharges and report construction site erosion or sedimentation concerns. The township will review annually all record keeping that was established VIA township SWPPP items 4C1 & 4D1. Location(s) in SWPPP of detailed information relating to this BMP:
*Measurable Goals: 1.) Create documented process. 2.) Setup call line and other appropriate notification measures 3.) Track number of calls 4.) Track number of inspection s and follow up actions initiated from calls or complaint received.
*Timeline/Implementation Schedule: June 2008 - Documented process, Call line setup - start tracking number of call June 2009 - Annual review of BMP effectiveness
Specific Components and Notes:
*Responsible Party for this BMP: Name: Maureen Graber, Representative of the Watab Town Board Department: Phone: 320-282-7113 Maureen Graber Cell E-mail: graber@jetup.net

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BMP Summary Sheet

MS4 Name: Watab Township, Minnesota

Minimum Control Measure: 4-CONSTRUCTION SITE STORMWATER RUNOFF CONTROL

Unique BMP Identification Number: 4f-1

<p>*BMP Title: Establishment of Procedures for Site Inspections and Enforcement</p>
<p>*BMP Description:</p> <p>Watab Township will create an ordinance specifically to address the MS4 requirements. The Township Board will administer this ordinance and provide oversight to the field operations ie...inspections, enforcement Watab has agreed a hire Inspection and Consulting firm to provide on-going inspection of all construction sites within the township. Notification and follow up procedures will be developed. Procedures of establishing fines or work stoppages will be adopted.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP:</p>
<p>*Measurable Goals:</p> <p>Establish of ordinances May 2008 Develop Contract with Inspection consultant July 2007 Adoption of Ordinance by Town Supervisors at Public meeting Hire consulting company June 1 Review contract on yearly basis for effectiveness based on pre-determined criteria</p>
<p>*Timeline/Implementation Schedule:</p> <p>2008 June 1, establish site inspection procedure 2008 June 1, establish reporting procedure 2008 June 1, limited enforcement (test run) inspection and remediation process 2008 June 1, run program with Letters of warning only 2008 Sept1, authorize work stoppages for continued non compliance</p>
<p>Specific Components and Notes:</p>
<p>*Responsible Party for this BMP:</p> <p>Name: Maureen Graber, Representative of the Watab Town Board Department: Phone: 320-282-7113 Maureen Graber Cell E-mail: graber@jetup.net</p>

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BMP Summary Sheet Instructions

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

Key to Unique BMP ID Numbers	Required BMP Title	Permit Reference
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
	Additional BMP Summary Sheet (Copy as Necessary)	

BMP Summary Sheet

MS4 Name: Watab Township, Minnesota

Minimum Control Measure: 5-POST-CONSTRUCTION STORMWATER 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: Watab Township relies heavily on natural ditches, swales, upland infiltration, and natural water ways to manage storm water within the municipality. These BMPs will need to be supported with additional structural BMPs to reduce the flow of pollutants and improve water quality. Location(s) in SWPPP of detailed information relating to this BMP:
*Measurable Goals: 1) Review wet detention pond design standards annually along with investigating new post-construction BMPs. 2) Track the number of new wet detention ponds created per calendar year. 3) Determine the acres of new impervious surface that has been put in place each calendar year
*Timeline/Implementation Schedule: Ongoing & annual review
Specific Components and Notes:
*Responsible Party for this BMP: Name: Maureen Graber, Representative of the Watab Town Board Department: Phone: 320-282-7113 Maureen Graber Cell E-mail: graber@jetup.net

**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: Watab Township, Minnesota

Minimum Control Measure: 5-POST-CONSTRUCTION STORMWATER 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: Create Ordinance and processes to support procedures listed in 5c1 (5c1. All land disturbance areas will be inspected annually for 5 years after filing of the MPCA Notice of termination to verify that the BMPs have permanently stabilized the site and that the water quality is protected. The Township will provide inspection criteria or form. Developer will have to provide funds or mechanism for the required inspections. i.e. Pond Maintenance Inspection Check List) Location(s) in SWPPP of detailed information relating to this BMP:
*Measurable Goals: Create ordinance with public input and PCA recommendation
*Timeline/Implementation Schedule: 2008 June
Specific Components and Notes:
*Responsible Party for this BMP: Name: Maureen Graber, Representative of the Watab Town Board Department: Phone: 320-282-7113 Maureen Graber Cell E-mail: graber@jetup.net

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BMP Summary Sheet

MS4 Name: Watab Township, Minnesota

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

Unique BMP Identification Number: 5c-1

***BMP Title:** Long-term Operation and Maintenance of BMPs

***BMP Description:**

All land disturbance areas will be inspected annually for 5 years after filing of the MPCA Notice of termination to verify that the BMPs have permanently stabilized the site and that the water quality is protected. The Township will provide inspection criteria or form. Developer will have to provide funds or mechanism for the required inspections. i.e. Pond Maintenance Inspection Check List.

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

***Measurable Goals:**

- 1.) Review of current BMPs effectiveness
- 2.) Set replacement or enhancement timeline of ineffective BMPs.
- 3.) Create ordinance to accomplish objective
- 4.) develop standard inspection documentation and review process

***Timeline/Implementation Schedule:**

Phase in approach as more information is available

Specific Components and Notes:

***Responsible Party for this BMP:**

Name: Maureen Graber, Representative of the Watab Town Board

Department:

Phone: 320-282-7113 Maureen Graber Cell

E-mail: graber@jetup.net

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BMP Summary Sheet Instructions

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
	Additional BMP Summary Sheet (Copy as Necessary)	

BMP Summary Sheet

MS4 Name: Watab Township, Minnesota

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 has very little day to day maintenance of public infrastructure and properties, as such only emergency repair and maintenance are necessary.

Storm water conveyances systems will be kept in good working order and free of trash and debris.

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

***Measurable Goals:**

1.) Review of annual inspections details for problems stormwater conveyances to assess effectiveness of township maintenance program.

2.) Annually, Township will have a certified individual inspect 100% of its stormwater conveyance outfalls to receiving waters. Township will also inspect for illicit discharges and maintenance issues.

***Timeline/Implementation Schedule:**

Annually and ongoing

Specific Components and Notes:

***Responsible Party for this BMP:**

Name: Maureen Graber, Representative of the Watab Town Board

Department:

Phone: 320-282-7113 Maureen Graber Cell

E-mail: graber@jetup.net

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BMP Summary Sheet

MS4 Name: Watab Township, Minnesota

Minimum Control Measure: 6-POLLUTION PREVENTION/GOOD HOUSEKEEPING

Unique BMP Identification Number: 6a-2

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

***BMP Description:**

Watab Township is a rural area without curb and gutter, however, newly developed areas will have curb, gutter and storm sewer retention areas. In these housing developments street sweeping is applicable and will be conducted as a secondary BMP. The development owner will be accountable for the cost and timing of activity. Township will be notified before any and all street sweeping activity. Special attention must be paid to air pollution caused by sweeping.

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

***Measurable Goals:**

Review site SWPPP for street sweeping BMP
Review inspection record for frequency of soil on streets.
Review types of equipment used and condition when sweeping is conducted

***Timeline/Implementation Schedule:**

2008 Review of all new NPDES permit SWPPPs within Watab Township
2008 Monthly review of BMP effectiveness all new NPDES permit sites within Watab Township

Specific Components and Notes:

***Responsible Party for this BMP:**

Name: Maureen Graber, Representative of the Watab Town Board
Department:
Phone: 320-282-7113 Maureen Graber Cell
E-mail: graber@jetup.net

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BMP Summary Sheet

MS4 Name: Watab Township, Minnesota

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:**

Watab Township will inspect all structural pollution control devices

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

***Measurable Goals:**

- 1.) Record all structural pollution control devices with the township boundaries.
- 2.) Inspect all structural pollution control devices and generate report on effectiveness.

***Timeline/Implementation Schedule:**

June 2008
Annually

Specific Components and Notes:

***Responsible Party for this BMP:**

Name: Maureen Graber, Representative of the Watab Town Board
Department:
Phone: 320-282-7113 Maureen Graber Cell
E-mail: graber@jetup.net

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BMP Summary Sheet

MS4 Name: Watab Township, Minnesota

Minimum Control Measure: 6-POLLUTION PREVENTION/GOOD HOUSEKEEPING

Unique BMP Identification Number: 6b-3

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

***BMP Description:**

The township will inspect system components to look for sedimentation buildup and debris build up that may hamper the efficiency of the systems. The township will record new and existing outfalls, retention ponds, and infiltration ponds.

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

***Measurable Goals:**

- 1.) Inspect at least 50% of system components annually
- 2.) Record and track progress on objective 6b-3
- 3.) Record and Track township remediation of problematic areas

***Timeline/Implementation Schedule:**

Start June 2008
Annually

Specific Components and Notes:

***Responsible Party for this BMP:**

Name: Maureen Graber, Representative of the Watab Town Board
Department:
Phone: 320-282-7113 Maureen Graber Cell
E-mail: graber@jetup.net

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BMP Summary Sheet

MS4 Name: Watab Township, Minnesota

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:**

Include stock pile inspection into on-going inspection procedure and set guide line to coincide with NPDES permit stabilization requirements.

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

***Measurable Goals:**

Establish stock piles as part of inspection process initiated in 4f-1

***Timeline/Implementation Schedule:**

2008

Specific Components and Notes:

***Responsible Party for this BMP:**

Name: Maureen Graber, Representative of the Watab Town Board

Department:

Phone: 320-282-7113 Maureen Graber Cell

E-mail: graber@jetup.net

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BMP Summary Sheet

MS4 Name: Watab Township, Minnesota

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:**

Remediation follow up procedure with corrective action measures will be put in place via 4f-1 documented procedure.

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

***Measurable Goals:**

- 1.) 2008 Inspection procedure includes remediation/follow up procedure
- 2.) Incorporate into 4f1 documents

***Timeline/Implementation Schedule:**

2007

Specific Components and Notes:

***Responsible Party for this BMP:**

Name: Maureen Graber, Representative of the Watab Town Board

Department:

Phone: 320-282-7113 Maureen Graber Cell

E-mail: graber@jetup.net

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BMP Summary Sheet

MS4 Name: Watab Township, Minnesota

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:**

Watab township record keeping will coincide with NPDES record retention requirements - minimum of three years. Response requirement will coincide with watershed district requirement of seven days (7) except in emergency situations where significant environmental harm is possible or imminent. Record retention and response will be incorporate into 4f1 documentation.

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

***Measurable Goals:**

- 1.) Incorporate response timelines into all township pollution control inspection and notification documents
- 2.) Maintain up-to-date records

***Timeline/Implementation Schedule:**

2007/on going

Specific Components and Notes:

***Responsible Party for this BMP:**

Name: Maureen Graber, Representative of the Watab Town Board

Department:

Phone: 320-282-7113 Maureen Graber Cell

E-mail: graber@jetup.net

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BMP Summary Sheet

MS4 Name: Watab Township, Minnesota

Minimum Control Measure: 6-POLLUTION PREVENTION/GOOD HOUSEKEEPING

Unique BMP Identification Number: 6b-7

<p>*BMP Title: Evaluation of Inspection Frequency</p>
<p>*BMP Description:</p> <p>Watab township will evaluate sites within its jurisdiction and set inspection frequency to accomplish its goals of reducing pollution and improving general house keeping. The inspection frequency will be evaluated annually.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP:</p>
<p>*Measurable Goals:</p> <ol style="list-style-type: none">1.) Prioritize sites by most problematic to least problematic2.) Establish frequency of inspection3.) Review inspection results and adjust inspection frequency according to re-accruing problems
<p>*Timeline/Implementation Schedule:</p> <p>2008 Annually adjustment to inspection frequency</p>
<p>Specific Components and Notes:</p>
<p>*Responsible Party for this BMP:</p> <p>Name: Maureen Graber, Representative of the Watab Town Board Department: Phone: 320-282-7113 Maureen Graber Cell E-mail: graber@jetup.net</p>

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BMP Summary Sheet

MS4 Name: Watab Township, Minnesota

Permit Condition: IV.D Section 303(d) listings

Unique BMP Identification Number: 7a-1

BMP Title: Impaired Waters Review Process

BMP Description:

Watab Township will review all discharges from our MS4 system to impaired waters, as defined by the current USEPA approved 303(d) list. The Township will rely on information made available by the MPCA to make this determination.

In this review, Watab Township will:

1. Identify the impaired waters that may be impacted by the MS4's stormwater discharge.
2. Use a combination of maps and field surveys to identify all potential stormwater discharges to impaired waters
3. Delineate the watershed area(s) that contribute to the above discharge(s), if possible.
4. Evaluate the hydrology, land use and other characteristics of the watershed area(s) that may impact the impaired water as a result of a stormwater discharge from our MS4

Based on the review above, we will determine if any changes to the existing MS4 or BMPs are needed to minimize the impact of discharges from our MS4 to the impaired water(s). If such modifications are necessary, Watab Township will modify our SWPPP and submit those modifications to the MPCA with the current year's annual report. The justification used to reach a conclusion on whether or not SWPPP revisions are necessary will be documented in the decision making process and records of this determination kept with the MS4 permit records. A summary of this review will be prepared and identify any associated SWPPP revisions made, as a result.

Measurable Goals:

1. Establish a baseline of information– determine what processes are in place and what has already been accomplished that will help meet these permit conditions
2. Prepare a written inventory of all impaired waters within the jurisdictional boundaries of the MS4, as well as those outside these boundaries likely to have an impact as a result of receiving stormwater discharge from the MS4; compile as much detail about the stormwater discharges they receive from the MS4 as is available
3. Prepare a map that includes all impaired waters that the MS4 discharge may impact, all MS4 discharge points that may impact these water(s), and delineated watershed(s) that may contribute to the impairment
4. Complete for records a written overview of the conclusions reached through this review, including the decision making process used to determine what SWPPP revisions may be needed
5. Prepare a projected schedule and timeline to incorporate any necessary changes into the SWPPP

Timeline/Implementation Schedule:

Calendar Year 2007: Identify what steps, if any, have already been taken by Watab Township to meet the requirements of section IV.D. of the MS4 General Permit.

Calendar Year 2008: Identify impaired waters receiving likely impacts from stormwater discharges from MS4 and locate discharges

Calendar Year 2008: Delineate watersheds contributing runoff to impaired waters

Calendar Year 2008: Develop a Map of discharges

Calendar Year 2008: Complete an Evaluation of hydrology, land use, etc.

Calendar Year 2009: Include in Annual Report to MPCA the overview of the impaired waters review and any changes to the SWPPP that have been deemed necessary through this review process.

Specific Components and Notes:

This process is to be reassessed annually over the course of the permit cycle. As new 303(d) lists with additional impaired waters listed are published in the future, Watab Township will review changes to the list and conduct the necessary review of additional listed waters likely to be impacted by the MS4's stormwater discharges.

When an USEPA approved TMDL is finalized, Watab Township intends to fully comply with all limits and requirements set forth in the TMDL in accordance with the schedule(s) outlined in the TMDL and the MS4 Permit.

Responsible Party for this BMP:

Name: Maureen Graber, Representative of the Watab Town Board

Department:

Phone: 320-282-7113 Maureen Graber Cell

E-mail: graber@jetup.net