

Figure 4: BMP Summary Sheet List

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

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

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

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

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

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-1	Operate System to Reduce Discharge to MEP	V.G.6.b.1
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: Dakota County

Minimum Control Measure: 1-PUBLIC EDUCATION AND OUTREACH

Unique BMP Identification Number: 1a-1

***BMP Title:** Distribute Educational Materials

***BMP Description:**

In compliance with Part V.G,1.a, this BMP shall implement a public education 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.

The distributed materials shall be applicable and appropriate to the educational programs described in BMP Summaries 1c-1 through 1c-6. The types of materials may include fact sheets, brochures, newsletters, posters, informational handouts and other technical guidance documents. Distribution methods may include, mailing, new letters and handouts at educational or other public events.

The target audiences include:

- General Public
- Engaged Public
- County Government Staff
- Developers and Design Professionals
- Construction Trades
- Industrial Operators

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

See Appendix "A" – Educational Strategy for additional information.

***Measurable Goals:**

Number of distributed educational materials as part of the educational programs described in BMPs 1c-1 through 1c-6.

***Timeline/Implementation Schedule:**

This BMP is in place as part of the County MS4 program and shall continue to be implemented throughout the duration of the MS4 permit.

Specific Components and Notes:

Education Program Component is BMP 1c-1

The following materials represent the types of educational materials to be distributed. The list shall be reviewed and revised as needed to remain current with the needs of the educational programs and availability.

- USEPA and MPCA Factsheets
- Mn Erosion & Sediment Control Association Factsheets
- Shoreline Restoration Folders
- Vermillion River Watershed Handbook
- Vermillion River Watershed Map
- Primary Education Resources Material Wetland Teaching Trunk
- Primary Education Resources Material Groundwater Model

- Primary Education Resources Material Water History Trunk
- Primary Education Resources Material Lake Monitoring Curriculum and Equipment
- Primary Education Resources Material Incredibly Journey Activity Box
- Project WET Curriculum and Workshops
- 125+ Books and Videos in the Library
- Phosphorus Reduction Pamphlets
- HACH Chemical Test Kits
- Wacky, Wild Wetlands Brochures
- Various other brochures and educational materials

***Responsible Party for this BMP:**

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**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: Dakota County

Minimum Control Measure: PUBLIC EDUCATION AND OUTREACH

Unique BMP Identification Number: 1b-1

***BMP Title:** Implement an Education Program

***BMP Description:**

In compliance with Part V.G.1.b, this BMP shall specifically implement an education program that individually addresses each minimum control measure:

- 1) Public education and outreach
- 2) Public participation
- 3) Illicit discharge detection and elimination
- 4) Construction site Storm Water runoff control
- 5) Post-construction Storm Water management in New Development and Redevelopment
- 6) Pollution prevention/good housekeeping for municipal operations.

The target audiences include:

- General Public
- Engaged Public
- County Government Staff
- Developers and Design Professionals
- Construction Trades
- Industrial Operators

The overall strategy of the program is to utilize partnerships with many other governmental, academic, private and non-profit organizations to more effectively direct the MS4 educational program to a wider range of targeted audiences at a greater frequency of occurrence. Educational components to address each of the minimum control measures will be integrated into the various cooperative educational activities as appropriate for the target audience and educational goal. The types of activities may include workshops, presentations, fairs, open houses, radio and television, professional seminars and industry sponsored conferences. The MS4 education program shall also conduct its' own educational activities if it is determined that the education goal may be more effectively met independently of the other agencies.

The key component of the MS4 education program shall be the ability to self-evaluate performance and the program flexibility to add partners and/or revise and adapt program activities to take advantage of opportunities to increase effectiveness and better achieve the required educational goal on an ongoing basis.

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

See Appendix "A"- Educational Strategy for additional information.

***Measurable Goals:**

The implementation of the educational program that individually addresses each minimum control measure.

***Timeline/Implementation Schedule:**

This BMP is in place as part of the County MS4 program and shall continue to be implemented throughout the duration of the MS4 permit.

Specific Components and Notes:

Education Program Component is BMP 1c-1

The following partial list represents the program partners and the types of activities within the current MS4 education program. The list shall be reviewed and revised as needed to remain current with the needs of the educational programs and availability.

Partners and Activities

- MPCA – NPDES Pilot Partner
- Cities – NPDES/ MS4/ Building Inspectors ESC Workshops
- Townships – NPDES / ESC and local ordinances
- Watershed Management Organizations & Watershed Districts – Local Water Plans/ Standards / Rules
- U of Mn Extension – Volunteer, Research and Education
- Minnesota Erosion Control Association – ESC workshops and factsheets
- E-Team
- Project NEMO
- LID and Smart Growth Programs
- Outdoor Education Field Day
- Community Groups
- Nonprofit Organizations
- Conservation Districts
- Soil and Water Districts
- School Districts
- County, State and Federal Government Agencies

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BMP Summary Sheet

MS4 Name: Dakota County

Minimum Control Measure: PUBLIC EDUCATION AND OUTREACH

Unique BMP Identification Number: 1c-1

<p>*BMP Title: Education Program: Public Education and Outreach</p>
<p>*Audience(s) Involved:</p> <p>The target audiences include:</p> <ul style="list-style-type: none">• General Public• Engaged Public• County Government Staff• Developers and Design Professionals• Construction Trades• Industrial Operators
<p>*Educational Goals for Each Audience:</p> <p>The educational goals for each audience shall be an increased awareness, increased understanding, acquired skills to initiate changes in behavior that will reduce the impacts of Storm Water discharges on water bodies and provide information regarding the steps that can be taken to address the minimum control measure one. See Appendix "A" – Educational Strategy for additional information.</p>
<p>*Activities Used to Reach Educational Goals:</p> <p>The types of activities may include workshops, presentations, fairs, open houses, radio and television, professional seminars and industry sponsored conferences. (See BMP 1b-1 listings)</p> <p>The activity shall afford interested persons a reasonable opportunity to make oral statements and submit timely, relevant written materials concerning the Storm Water Pollution Prevention Program in a manner that ensures an opportunity for full and fair consideration of all views. See Appendix "A" – Educational Strategy for additional information.</p>
<p>*Activity Implementation Plan:</p> <p>An activity implementation plan has been developed for the public education and outreach program for 2005-2006. The implementation plan identifies the responsible department in charge, entities responsible for given activities, and the anticipated schedules. The plan shall be reviewed and revised as needed to remain current with the needs of the educational programs and availability. See Appendix "A" – Educational Strategy for additional information.</p>
<p>*Performance Measures:</p> <p>Concurrent with each educational activity, ongoing observations of the participants shall be made to judge the effectiveness of the activity to achieve the educational goal in terms of awareness raised, understanding increased, skills learned and behaviors changed. Measurements may include the number of participates and testing results.</p>
<p>*Responsible Party for this BMP:</p> <p>Name: Paula Liepold Department: Water Resources Office Phone: (952) 891-7117 E-mail: paula.liepold@co.dakota.mn.us</p>

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BMP Summary Sheet

MS4 Name: Dakota County

Minimum Control Measure: PUBLIC EDUCATION AND OUTREACH

Unique BMP Identification Number: 1c-2

<p>*BMP Title: Education Program: Public Participation</p>
<p>*Audience(s) Involved:</p> <p>The target audiences include:</p> <ul style="list-style-type: none">• General Public• Engaged Public• County Government Staff• Developers and Design Professionals• Construction Trades• Industrial Operators
<p>*Educational Goals for Each Audience:</p> <p>The educational goals for each audience shall be an increased awareness, increased understanding, acquired skills to initiate changes in behavior that will reduce the impacts of Storm Water discharges on water bodies and provide information regarding the steps that can be taken to address minimum control measure two.</p>
<p>*Activities Used to Reach Educational Goals:</p> <p>The types of activities may include the MS4 annual meeting, workshops, presentations, fairs, open houses, radio and television, professional seminars and industry conferences. (See BMP 1b-1 listings)</p> <p>The activity shall afford interested persons a reasonable opportunity to make oral statements and submit timely, relevant written materials concerning the Storm Water Pollution Prevention Program in a manner that ensures an opportunity for full and fair consideration of all views.</p>
<p>*Activity Implementation Plan:</p> <p>An activity implementation plan has been developed for the public education and outreach program for 2005-2006. The implementation plan identifies the responsible department in charge, entities responsible for given activities, and the anticipated schedules. The plan shall be reviewed and revised as needed to remain current with the needs of the educational programs and availability.</p> <p>See Appendix "A" – Educational Strategy for additional information.</p>
<p>*Performance Measures:</p> <p>Concurrent with each educational activity, ongoing observations of the participants shall be made to judge the effectiveness of the activity to achieve the educational goal in terms of awareness raised, understanding increased, skills learned and behaviors changed. Measurements may include the number of participants and testing results.</p>
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BMP Summary Sheet

MS4 Name: Dakota County

Minimum Control Measure: PUBLIC EDUCATION AND OUTREACH

Unique BMP Identification Number: 1c-3

*BMP Title: Education Program: Illicit Discharge and Elimination
*Audience(s) Involved: The target audiences include: <ul style="list-style-type: none">• General Public• Engaged Public• County Government Staff• Developers and Design Professionals• Construction Trades• Industrial Operators
*Educational Goals for Each Audience: The educational goals for each audience shall be an increased awareness, increased understanding, acquired skills to initiate changes in behavior that will reduce the impacts of Storm Water discharges on water bodies and provide information regarding the steps that can be taken to address minimum control measure three.
*Activities Used to Reach Educational Goals: The types of activities may include the MS4 annual meeting, workshops, presentations, fairs, open houses, radio and television, professional seminars and industry-sponsored conferences. (See BMP 1b-1 listings) The activity shall afford interested persons a reasonable opportunity to make oral statements and submit timely, relevant written materials concerning the Storm Water Pollution Prevention Program in a manner that ensures an opportunity for full and fair consideration of all views.
*Activity Implementation Plan: An activity implementation plan has been developed for the public education and outreach program for 2005-2006. The implementation plan identifies the responsible department in charge, entities responsible for given activities, and the anticipated schedules. The plan shall be reviewed and revised as needed to remain current with the needs of the educational programs and availability. See Appendix "A" – Educational Strategy for additional information.
*Performance Measures: Concurrent with each educational activity, ongoing observations of the participants shall be made to judge the effectiveness of the activity to achieve the educational goal in terms of awareness raised, understanding increased, skills learned and behaviors changed. Measurements may include the number of participants and testing results.
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BMP Summary Sheet

MS4 Name: Dakota County

Minimum Control Measure: PUBLIC EDUCATION AND OUTREACH

Unique BMP Identification Number: 1c-4

<p>*BMP Title: Education Program: Construction Site Run-off Control</p>
<p>*Audience(s) Involved:</p> <p>The target audiences include:</p> <ul style="list-style-type: none">• General Public• Engaged Public• County Government Staff• Developers and Design Professionals• Construction Trades• Industrial Operators
<p>*Educational Goals for Each Audience:</p> <p>The educational goals for each audience shall be an increased awareness, increased understanding, acquired skills to initiate changes in behavior that will reduce the impacts of Storm Water discharges on water bodies and provide information regarding the steps that can be taken to address minimum control measure four.</p>
<p>*Activities Used to Reach Educational Goals:</p> <p>The types of activities may include the MS4 annual meeting, workshops, presentations, fairs, open houses, radio and television, professional seminars and industry-sponsored conferences. (See BMP 1b-1 listings)</p> <p>The activity shall afford interested persons a reasonable opportunity to make oral statements and submit timely, relevant written materials concerning the Storm Water Pollution Prevention Program in a manner that ensures an opportunity for full and fair consideration of all views.</p>
<p>*Activity Implementation Plan:</p> <p>An activity implementation plan has been developed for the public education and outreach program for 2005-2006. The implementation plan identifies the responsible department in charge, entities responsible for given activities, and the anticipated schedules. The plan shall be reviewed and revised as needed to remain current with the needs of the educational programs and availability.</p> <p>See Appendix "A" – Educational Strategy for additional information.</p>
<p>*Performance Measures:</p> <p>Concurrent with each educational activity, ongoing observations of the participants shall be made to judge the effectiveness of the activity to achieve the educational goal in terms of awareness raised, understanding increased, skills learned and behaviors changed. Measurements may include the number of participants and testing results.</p>
<p>*Responsible Party for this BMP:</p> <p>Name: Paula Liepold Department: Water Resources Office Phone: (952) 891-7117 E-mail: paula.liepold@co.dakota.mn.us</p>

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BMP Summary Sheet

MS4 Name: Dakota County

Minimum Control Measure: PUBLIC EDUCATION AND OUTREACH

Unique BMP Identification Number: 1c-5

<p>*BMP Title: Education Program: Post-Construction Stormwater Management in New Development and Redevelopment</p>
<p>*Audience(s) Involved:</p> <p>The target audiences include:</p> <ul style="list-style-type: none">• General Public• Engaged Public• County Government Staff• Developers and Design Professionals• Construction Trades• Industrial Operators
<p>*Educational Goals for Each Audience:</p> <p>The educational goals for each audience shall be an increased awareness, increased understanding, acquired skills to initiate changes in behavior that will reduce the impacts of Storm Water discharges on water bodies and provide information regarding the steps that can be taken to address minimum control measure five.</p>
<p>*Activities Used to Reach Educational Goals:</p> <p>The types of activities may include the MS4 annual meeting, workshops, presentations, fairs, open houses, radio and television, professional seminars and industry-sponsored conferences. (See BMP 1b-1 listings)</p> <p>The activity shall afford interested persons a reasonable opportunity to make oral statements and submit timely, relevant written materials concerning the Storm Water Pollution Prevention Program in a manner that ensures an opportunity for full and fair consideration of all views.</p>
<p>*Activity Implementation Plan:</p> <p>An activity implementation plan has been developed for the public education and outreach program for 2005-2006. The implementation plan identifies the responsible department in charge, entities responsible for given activities, and the anticipated schedules. The plan shall be reviewed and revised as needed to remain current with the needs of the educational programs and availability.</p> <p>See Appendix "A" – Educational Strategy for additional information.</p>
<p>*Performance Measures:</p> <p>Concurrent with each educational activity, ongoing observations of the participants shall be made to judge the effectiveness of the activity to achieve the educational goal in terms of awareness raised, understanding increased, skills learned and behaviors changed. Measurements may include the number of participates and testing results.</p>
<p>*Responsible Party for this BMP:</p> <p>Name: Paula Liepold Department: Water Resources Office Phone: (952) 891-7117 E-mail: paula.liepold@co.dakota.mn.us</p>

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BMP Summary Sheet

MS4 Name: Dakota 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: The target audiences include: <ul style="list-style-type: none">• General Public• Engaged Public• County Government Staff• Developers and Design Professionals• Construction Trades• Industrial Operators
*Educational Goals for Each Audience: The educational goals for each audience shall be an increased awareness, increased understanding, acquired skills to initiate changes in behavior that will reduce the impacts of Storm Water discharges on water bodies and provide information regarding the steps that can be taken to address minimum control measure six.
*Activities Used to Reach Educational Goals: The types of activities may include the MS4 annual meeting, workshops, presentations, fairs, open houses, radio and television, professional seminars and industry-sponsored conferences. (See BMP 1b-1 listings) The activity shall afford interested persons a reasonable opportunity to make oral statements and submit timely, relevant written materials concerning the Storm Water Pollution Prevention Program in a manner that ensures an opportunity for full and fair consideration of all views.
*Activity Implementation Plan: An activity implementation plan has been developed for the public education and outreach program for 2005-2006. The implementation plan identifies the responsible department in charge, entities responsible for given activities, and the anticipated schedules. The plan shall be reviewed and revised as needed to remain current with the needs of the educational programs and availability. See Appendix "A" – Educational Strategy for additional information
*Performance Measures: Concurrent with each educational activity, ongoing observations of the participants shall be made to judge the effectiveness of the activity to achieve the educational goal in terms of awareness raised, understanding increased, skills learned and behaviors changed. Measurements may include the number of participants and testing results.
*Responsible Party for this BMP: Name: Paula Liepold Department: Water Resources Office Phone: (952) 891-7117 E-mail: paula.liepold@co.dakota.mn.us

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BMP Summary Sheet

MS4 Name: Dakota County

Minimum Control Measure: PUBLIC EDUCATION AND OUTREACH

Unique BMP Identification Number: 1d-1

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

***BMP Description:**

In compliance with Part V.G.1.d, this BMP shall be coordinated with and make effective use of other Storm Water education programs being conducted in Dakota County by other entities, including, but not limited to: community groups, nonprofit organizations, lake conservation districts, soil and water conservation districts, watershed districts, watershed management organizations, school districts, University of Minnesota Extension, and county, regional, state, and federal government.

The target audiences include:

- General Public
- Engaged Public
- County Government Staff
- Developers and Design Professionals
- Construction Trades
- Industrial Operators

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

See Appendix "A" – Educational Strategy for additional information

***Measurable Goals:**

Concurrent with each educational activity, ongoing observations of the participants shall be made to judge the effectiveness of the activity to achieve the educational goal in terms of awareness raised, understanding increased, skills learned and behaviors changed. Measurements may include the number of participants and testing results.

***Timeline/Implementation Schedule:**

An activity implementation plan has been developed for the public education and outreach program for 2005-2006. The implementation plan identifies the responsible department in charge, entities responsible for given activities, and the anticipated schedules. The plan shall be reviewed and revised as needed to remain current with the needs of the educational programs and availability.

Specific Components and Notes:

Education Program Component is BMP 1c-1

The following partial list represents the program partners and the types of activities within the current MS4 education program. The list shall be reviewed and revised as needed to remain current with the needs of the educational programs and availability.

Coordination with other Storm Water Education programs

- MPCA
- Cities
- Townships
- WMOs & Watershed Districts
- U of Mn Extension
- MECA
- Community Groups
- Nonprofit Organizations
- Conservation Districts
- Soil and Water Districts

- School Districts
- County, State and Federal Government Agencies
- (See BMP 1b-1 listings)

The examples below are some common volunteer programs used. Other areas, depending on self-assessment, will determine the most appropriate way to involve volunteers in the SWPPP.

- Stream clean-up day - Creating a day to have the interested public participate in cleaning up trash and debris along critical river segments. Measurable Goals- Number of volunteers participating in program, Miles of river cleaned during an annual reporting cycle.
 - Pond Monitoring - A good way to determine if your Stormwater Pollution Prevention Plan is working effectively is to establish a monitoring program. After some initial programs to educate the volunteers on appropriate monitoring techniques, comprehensive valuable data could be gathered using public participation while minimizing cost. Measurable Goals - Number ponds registered for monitoring by volunteers, Number of volunteers in the monitoring program.
 - Reforestation- If forest restoration is an area targeted after self-assessment, consider developing a program allowing volunteers to assist in reestablishing native forest vegetation, installing educational signage and other program work. Measurable goals - Number of volunteer hours spent on forest restoration, Number of trees planted, Percentage of area restored.
 - Wetland Restoration- If wetlands restoration is an area targeted after self-assessment, consider developing a program allowing volunteers to assist in reestablishing native wetland vegetation, installing education signage and other program work. Measurable goals - Number of volunteer hours spent on wetland restoration, Number of wetlands replanted/restored
 - Storm drain stenciling- After identifying areas from the illicit discharge and elimination section of the permit, establish a program to stencil appropriate markings on storm inlets and allow public interest groups to assist. Measurable goals- Number of storm drained stenciled, Number of volunteers assisting with the program.
 - Adopt a Storm Drain Program- Volunteers are able to adopt certain storm drains allowing them to notify city of operation and maintenance procedures and illicit discharge. Measurable goal - Number of storm drains adopted
 - Adopt a Stream Program- Volunteers will adopt certain segments of streams to administer cleanup activities, monitor water quality, and watch for pollution sources within the segment. Consider developing a stream “report card” for them to report useful information periodically. Measurable goals- Number of participants in the program, Water quality at sites, Quantity of trash and debris removed by volunteers.
 - Volunteer Stream monitors-
 - Non-native eradication programs (buckthorn)- Organize annual or semi-annual volunteer programs to assist in the eradication of non-native plant species and the reestablishment of native under story and grassland. Measurable goals- Number of participants in the program, Acres of area treated, Acres of area replanted.
 - Wetland Monitoring- Continue coordination with and support of wetland health evaluation project implemented by the extension (Dakota County Environmental Education Program)
- Riverwatch Program- Continue coordination with and support of Vermillion Riverwatch Program implemented by the extension (Dakota County Environmental Education Program), SWCD, and Vermillion Watershed Organization

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BMP Summary Sheet

MS4 Name: Dakota County

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>In compliance with Part V.G.1.e, Dakota County MS4 shall hold at least one public meeting per year addressing the Storm Water Pollution Prevention Program prior to submittal of the required annual report. The meeting shall be held in a place that is generally convenient to persons expected to attend the meeting. Dakota County shall comply with applicable public notice requirements of Part V.G.1.e. when implementing this BMP and shall solicit public input and opinion on the adequacy of the Storm Water Pollution Prevention Program. The meeting shall afford interested persons a reasonable opportunity to make oral statements and submit timely, relevant written materials concerning the Storm Water Pollution Prevention Program in a manner that ensures an opportunity for full and fair consideration of all views.</p> <p>The target audiences include:</p> <ul style="list-style-type: none">• General Public• Engaged Public• County Government Staff• Developers and Design Professionals• Construction Trades• Industrial Operators <p>Location(s) in SWPPP of detailed information relating to this BMP: The information included or referenced on this Summary Sheet is intended to meet all SWPPP requirements for this BMP.</p>
<p>*Measurable Goals:</p> <p>Completion of at least one public meeting per year in compliance with the permit requirements.</p>
<p>*Timeline/Implementation Schedule:</p> <p>This BMP is in place as part of the County MS4 program and shall continue to be implemented throughout the duration of the MS4 permit.</p>
<p>Specific Components and Notes:</p> <p>Education Program Component is BMP 1c-2</p>
<p>*Responsible Party for this BMP:</p> <p>Name: Todd Howard Department: Transportation Phone: (952) 891-7926 E-mail: todd.howard@co.dakota.mn.us</p>

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BMP Summary Sheet

MS4 Name: Dakota County

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>In compliance with Part V.G.2.a, this BMP shall comply with applicable public notice requirements when implementing the provisions of the Storm Water Pollution Prevention Program.</p> <p>The target audiences include:</p> <ul style="list-style-type: none">• General Public• Engaged Public• County Government Staff• Developers and Design Professionals• Construction Trades• Industrial Operators <p>Location(s) in SWPPP of detailed information relating to this BMP: The information included or referenced on this Summary Sheet is intended to meet all SWPPP requirements for this BMP.</p>
<p>*Measurable Goals:</p> <p>Number of public notices issued in compliance of the permit requirements.</p>
<p>*Timeline/Implementation Schedule:</p> <p>This BMP is in place as part of the County MS4 program and shall continue to be implemented throughout the duration of the MS4 permit.</p>
<p>Specific Components and Notes:</p> <p>Education Program Component is BMP 1c-2</p>
<p>*Responsible Party for this BMP:</p> <p>Name: Todd Howard Department: Transportation Phone: (952) 891-7926 E-mail: todd.howard@co.dakota.mn.us</p>

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BMP Summary Sheet

MS4 Name: Dakota County

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>In compliance with Part V.G.2.b, this BMP shall solicit public input and opinion on the adequacy of the Storm Water Pollution Prevention Program, including input from the public meeting, described in Part V.G.1.e, each year prior to submittal of the annual report to the Commissioner, which is described in Part VI.D.</p> <p>The target audiences include:</p> <ul style="list-style-type: none">• General Public• Engaged Public• County Government Staff• Developers and Design Professionals• Construction Trades• Industrial Operators <p>Location(s) in SWPPP of detailed information relating to this BMP: The information included or referenced on this Summary Sheet is intended to meet all SWPPP requirements for this BMP.</p>
<p>*Measurable Goals:</p> <p>Number of public input and opinions received.</p>
<p>*Timeline/Implementation Schedule:</p> <p>This BMP is in place as part of the County MS4 program and shall continue to be implemented throughout the duration of the MS4 permit.</p>
<p>Specific Components and Notes:</p> <p>Education Program Component is BMP 1c-2</p>
<p>*Responsible Party for this BMP:</p> <p>Name: Todd Howard Department: Transportation Phone: (952) 891-7926 E-mail: todd.howard@co.dakota.mn.us</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: Dakota County

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>In compliance with Part V.G.2.c, this BMP shall consider the public input, oral and written, to the Storm Water Pollution Prevention Program and shall make adjustments to its programs that it find appropriate.</p> <p>The target audiences include:</p> <ul style="list-style-type: none">• General Public• Engaged Public• County Government Staff• Developers and Design Professionals• Construction Trades• Industrial Operators <p>Location(s) in SWPPP of detailed information relating to this BMP: The information included or referenced on this Summary Sheet is intended to meet all SWPPP requirements for this BMP.</p>
<p>*Measurable Goals:</p> <p>Number of public inputs, oral and written, considered for program adjustments.</p>
<p>*Timeline/Implementation Schedule:</p> <p>This BMP is in place as part of the County MS4 program and shall continue to be implemented throughout the duration of the MS4 permit.</p>
<p>Specific Components and Notes:</p> <p>Education Program Component is BMP 1c-2</p>
<p>*Responsible Party for this BMP:</p> <p>Name: Todd Howard Department: Transportation Phone: (952) 891-7926 E-mail: todd.howard@co.dakota.mn.us</p>

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BMP Summary Sheet

MS4 Name: Dakota County

Minimum Control Measure: 3-ILLICIT DISCHARGE DETECTION AND ELIMINATION

Unique BMP Identification Number: 3a-1

<p>*BMP Title: Storm Sewer System Map</p>
<p>*BMP Description:</p> <p>In compliance with Part V.G.3.a, this BMP shall develop a storm sewer system map to implement, and enforce a program to detect and eliminate illicit discharges as defined at 40 CFR § 122.26(b)(2). The map shall show the location of the following within the MS4 system:</p> <ol style="list-style-type: none">1) Ponds, streams, lakes and wetlands.2) Structural pollution control devices (grit chambers, separators, etc.)3) All pipes and conveyances in your system as a goal, but at minimum, those pipes that are 24 inches in diameter and over4) Outfalls, including discharges from the Dakota County MS4 system to other MS4s, or waters and wetlands that are not part of your system (where Dakota County does not have operational control); structures that discharge storm water directly into groundwater; overland discharge points and all other points of discharge from the system that are outlets, but not diffuse flow areas. <p>The target audiences include:</p> <ul style="list-style-type: none">• General Public• Engaged Public• County Government Staff• Developers and Design Professionals• Construction Trades / Industrial Operators <p>Location(s) in SWPPP of detailed information relating to this BMP: The information included or referenced on this Summary Sheet is intended to meet all SWPPP requirements for this BMP.</p>
<p>*Measurable Goals:</p> <p>Completion of the storm sewer system map and annual update.</p>
<p>*Timeline/Implementation Schedule:</p> <p>This BMP is in place as part of the County MS4 program and shall continue to be implemented throughout the duration of the MS4 permit. (See attached map)</p>
<p>Specific Components and Notes:</p> <p>Education Program Component is BMP 1c-3</p>
<p>*Responsible Party for this BMP:</p> <p>Name: Todd Howard Department: Transportation Phone: (952) 891-7926 E-mail: todd.howard@co.dakota.mn.us</p>

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BMP Summary Sheet

MS4 Name: Dakota County

Minimum Control Measure: 3-ILLCIT DISCHARGE DETECTION AND ELIMINATION

Unique BMP Identification Number: 3b-1

***BMP Title:** Regulatory Control Program

***BMP Description:**

In compliance with Part V.G.3.b, this BMP shall develop the means, to the extent allowable under law, effectively prohibit, through ordinance or other regulatory mechanism, non-storm water discharges into it's storm sewer system and implement appropriate enforcement procedures and actions.

The target audiences include:

- General Public
- Engaged Public
- County Government Staff
- Developers and Design Professionals
- Construction Trades
- Industrial Operators

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

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

***Measurable Goals:**

Development of an ordinance or other regulatory mechanism to effectively prohibit, non-storm water discharges and the implementation of appropriate enforcement procedures and actions.

***Timeline/Implementation Schedule:**

This BMP is in place as part of the County MS4 program and shall continue to be implemented throughout the duration of the MS4 permit.

Specific Components and Notes:

Education Program Component is BMP 1c-3

Dakota County will enforce applicable rules regarding illegal dumping and other past waste disposals. Illegal dumping and other past waste disposals, which have occurred in unpermitted areas, such as, back areas of yards, stream banks, or some other off-road areas, as well as commercial and industrial sites.

- Assessment of existing dump sites
- Assessment of potential dump sites
- Develop signage. Discouraging illegal dumping
- Clean-up of existing dump sites
- Establish partnerships with businesses and municipalities. Can provide labor, services or finances.
- Create a hotline. Citizens can report suspect dumping activities
- Use applicable State, County, and City rules and ordinances. Matching specific site situations with Stormwater concerns to Rule and Ordinance requirements to address and resolve those concerns.

***Responsible Party for this BMP:**

Name: Michael Rutten

Department: Water Resources Office

Phone: (952) 891-7008

E-mail: michael.rutten@co.dakota.mn.us

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BMP Summary Sheet

MS4 Name: Dakota 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:**

In compliance with Part V.G.3.c, this BMP shall develop and implement a program to detect and address non-storm water discharges, including illegal dumping, to its' system.

The target audiences include:

- General Public
- Engaged Public
- County Government Staff
- Developers and Design Professionals
- Construction Trades
- Industrial Operators

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

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

***Measurable Goals:**

Development of an ordinance or other regulatory mechanism to effectively prohibit, non-storm water discharges, including illegal dumping.

***Timeline/Implementation Schedule:**

This BMP is in place as part of the County MS4 program and shall continue to be implemented throughout the duration of the MS4 permit.

Specific Components and Notes:

Education Program Component is BMP 1c-3

Dakota County will coordinate with cities to implement illicit discharge detection and elimination programs as needed.

The County will enforce applicable Ordinances and codes that require the inspection of septic systems and facilities, prevent illicit connections and discharges, and allow for punitive measures. A mandatory Pump Program will be utilized throughout Dakota County to help detect potentially failing septic systems and improperly constructed systems.

- Septic system mechanisms
- Ordinance requiring septic system inspection at time of property transfer- can pinpoint failing septic systems requiring repairs. Measurable goals- Cities receive compliance inspections from the

Compliance inspectors

- Code requiring post-construction inspections of septic systems- Verifies proper installation. Measurable goal- Cities send in completed As-Built records to Dakota County
- Illegal dumping mechanism- Addressed in Dakota County Ordinance 110 & 111. Measurable goal- Number of Complaints followed up
- Ordinance to prevent illegal dumping- Ordinance 110 & 111.

A mandatory Pump Program will be utilized throughout Dakota County to help detect potentially failing septic systems and improperly constructed systems.

- Reminders will be sent to homeowners encouraging them to maintain and inspect their systems.
- A Municipal Septic Inspector Phone List will be created so that citizens can report suspect systems.

***Responsible Party for this BMP:**

Name: Michael Rutten

Department: Water Resources Office

Phone: (952) 891-7008

E-mail: michael.rutten@co.dakota.mn.us

**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: Dakota County

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>In compliance with Part V.G.3.d, this BMP shall develop and implement a program to inform employees, businesses, and the general public in its' MS4 area of hazards associated with illegal discharges and improper disposal of waste.</p> <p>The target audiences include:</p> <ul style="list-style-type: none">• General Public• Engaged Public• County Government Staff• Developers and Design Professionals• Construction Trades• Industrial Operators <p>Location(s) in SWPPP of detailed information relating to this BMP: The information included or referenced on this Summary Sheet is intended to meet all SWPPP requirements for this BMP.</p>
<p>*Measurable Goals:</p> <p>Number of participants in program to inform employees, businesses, and the general public in its' MS4 area of hazards associated with illegal discharges and improper disposal of waste.</p>
<p>*Timeline/Implementation Schedule:</p> <p>This BMP is in place as part of the County MS4 program and shall continue to be implemented throughout the duration of the MS4 permit.</p>
<p>Specific Components and Notes:</p> <p>Education Program Component is BMP 1c-3</p> <p>Dakota County will continue on-going water testing programs for groundwater quality and specified pollutant parameters.</p> <p>Offer free Nitrate Testing Clinics, including providing information to well owners regarding potential Nitrate sources and preventive solutions.</p> <p>All applicable Industry and County Hazardous Waste Generators to attend Dakota County sponsored training.</p> <p>Dakota County will host Municipal Septic System Inspectors semi-annual meeting.</p>
<p>*Responsible Party for this BMP:</p> <p>Name: Michael Rutten Department: Water Resources Office Phone: (952) 891-7008 E-mail: michael.rutten@co.dakota.mn.us</p>

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BMP Summary Sheet

MS4 Name: Dakota County

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>In compliance with Part V.G.3.e, this BMP shall develop and implement a program to address the following categories of non-storm water discharges or flows (i.e., illicit discharges), <u>only</u> if Dakota County identifies them as significant contributors of pollutants to it's MS4 system.</p> <p>The Dakota County MS4 Team completed a self-assessment process and did not find any of the listed non-stormwater discharges listed below to be significant contributors of pollutants to the stormwater system:</p> <p>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, and street wash water, discharges or flows from fire fighting activities.</p> <p>The target audiences include:</p> <ul style="list-style-type: none">• General Public• Engaged Public• County Government Staff• Developers and Design Professionals• Construction Trades/Industrial Operators <p>Location(s) in SWPPP of detailed information relating to this BMP:</p> <p>The information included or referenced on this Summary Sheet is intended to meet all SWPPP requirements for this BMP.</p>
<p>*Measurable Goals:</p> <p>Development of an ordinance or other regulatory mechanism to effectively prohibit, non-storm water discharges or other flows if identified as significant contributors of pollutants.</p>
<p>*Timeline/Implementation Schedule:</p> <p>This BMP is not currently in place as part of the County MS4 program and shall continue to be implemented throughout the duration of the MS4 permit.</p>
<p>Specific Components and Notes:</p> <p>Education Program Component is BMP 1c-3</p>
<p>*Responsible Party for this BMP:</p> <p>Name: Michael Rutten Department: Water Resources Office Phone: (952) 891-7008 E-mail: michael.rutten@co.dakota.mn.us</p>

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BMP Summary Sheet

MS4 Name: Dakota County

Minimum Control Measure: 4-CONSTRUCTION SITE STORMWATER RUNOFF CONTROL

Unique BMP Identification Number: 4a-1

*BMP Title: Ordinance or other Regulatory Mechanism
*BMP Description: In compliance with Part V.G.4.a, this BMP shall require an ordinance or other regulatory mechanism to require erosion and sediment controls, as well as sanctions to ensure compliance, to the extent allowable under law. Dakota County legal authority is limited to the areas within the county road right-of-way system and shoreline zoning districts where it has land use authority. All other areas within the Dakota MS4 area are regulated by Municipal or Township jurisdiction acting as the local governmental unit with land use authority. Dakota County shall requires erosion and sediment control standards that meet or exceed MPCA NPDES Phase II requirements in its Right-of-Way Ordinance / Right-of-Way permitting procedures. Location(s) in SWPPP of detailed information relating to this BMP: The information included or referenced on this Summary Sheet is intended to meet all SWPPP requirements for this BMP.
*Measurable Goals: Development of an ordinance or other regulatory mechanism to require erosion and sediment controls, as well as sanctions to ensure compliance, to the extent allowable under law.
*Timeline/Implementation Schedule: This BMP is in place as part of the County MS4 program and shall continue to be implemented throughout the duration of the MS4 permit.
Specific Components and Notes: Education Program Component is BMP 1c-4
*Responsible Party for this BMP: Name: Brian Watson Department: Dakota County Soil and Water Conservation District Phone: (651) 480-7777 E-mail: brian.watson@co.dakota.mn.us

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BMP Summary Sheet

MS4 Name: Dakota County

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>In compliance with Part V.G.4.b, this BMP shall require construction site operators within the Dakota County MS4 area to implement appropriate erosion and sediment control Best Management Practices.</p> <p>Dakota County shall require construction site erosion and sedimentation control specifications that meet or exceed applicable NPDES Phase II permit standards for construction activities within the county road right-of-way system and shoreline zoning districts where it has land use authority. The County and its contractors are required through contract specifications to implement and maintain proper erosion and sediment control measures on all County construction projects. Consultant architects and engineers employed by the County to prepare design plans will be provided with specific erosion and sediment control standards</p> <p>Location(s) in SWPPP of detailed information relating to this BMP: The information included or referenced on this Summary Sheet is intended to meet all SWPPP requirements for this BMP.</p>
<p>*Measurable Goals:</p> <p>Number of construction site operators within the Dakota County MS4 area required to implement appropriate erosion and sediment control Best Management Practices.</p>
<p>*Timeline/Implementation Schedule:</p> <p>This BMP is in place as part of the County MS4 program and shall continue to be implemented throughout the duration of the MS4 permit.</p>
<p>Specific Components and Notes:</p> <p>Education Program Component is BMP 1c-4</p>
<p>*Responsible Party for this BMP:</p> <p>Name: Brian Watson Department: Dakota County Soil and Water Conservation District Phone: (651) 480-7777 E-mail: brian.watson@co.dakota.mn.us</p>

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BMP Summary Sheet

MS4 Name: Dakota County

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>In compliance with Part V.G.4.c, this BMP shall require construction site operators within the Dakota County MS4 area to control waste, such as discarded building materials, concrete truck washout, chemicals, litter, and sanitary waste at the construction site that may cause adverse impacts to water quality.</p> <p>Dakota County shall require construction site operators to control waste in a manner that meet or exceed applicable NPDES Phase II permit standards for construction activities within the county road right-of-way system and shoreline zoning districts where it has land use authority. The County and its contractors are required through contract specifications to implement and maintain proper measures on all County construction projects. Consultant architects and engineers employed by the County to prepare design plans will be provided with specific standards</p> <p>Location(s) in SWPPP of detailed information relating to this BMP: The information included or referenced on this Summary Sheet is intended to meet all SWPPP requirements for this BMP.</p>
<p>*Measurable Goals:</p> <p>Number of construction site operators within the Dakota County MS4 area required to control waste at construction sites that may cause adverse impacts to water quality.</p>
<p>*Timeline/Implementation Schedule:</p> <p>This BMP is in place as part of the County MS4 program and shall continue to be implemented throughout the duration of the MS4 permit.</p>
<p>Specific Components and Notes:</p> <p>Education Program Component is BMP 1c-4</p>
<p>*Responsible Party for this BMP:</p> <p>Name: Brian Watson Department: Dakota County Soil and Water Conservation District Phone: (651) 480-7777 E-mail: brian.watson@co.dakota.mn.us</p>

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BMP Summary Sheet

MS4 Name: Dakota County

Minimum Control Measure: 4-CONSTRUCTION SITE STORMWATER RUNOFF CONTROL

Unique BMP Identification Number: 4d-1

<p>*BMP Title: Procedure for Site Plan Review</p>
<p>*BMP Description:</p> <p>In compliance with Part V.G.4.d, this BMP shall require procedures for site plan review which incorporate consideration of potential water quality impacts.</p> <p>Dakota County shall complete a site plan review which incorporate consideration of potential water quality impacts in a manner that meet or exceed applicable NPDES Phase II permit standards for construction activities within the county road right-of-way system and shoreline zoning districts where it has land use authority. The County and its contractors are required through contract specifications to implement and maintain proper measures on all County construction projects. Consultant architects and engineers employed by the County to prepare design plans will be provided with specific standards</p> <p>Location(s) in SWPPP of detailed information relating to this BMP: The information included or referenced on this Summary Sheet is intended to meet all SWPPP requirements for this BMP.</p>
<p>*Measurable Goals:</p> <p>Number of site plan reviews which incorporate consideration of potential water quality impacts in a manner that meet or exceed applicable NPDES Phase II permit standards.</p>
<p>*Timeline/Implementation Schedule:</p> <p>This BMP is in place as part of the County MS4 program and shall continue to be implemented throughout the duration of the MS4 permit.</p>
<p>Specific Components and Notes:</p> <p>Education Program Component is BMP 1c-4</p>
<p>*Responsible Party for this BMP:</p> <p>Name: Brian Watson Department: Dakota County Soil and Water Conservation District Phone: (651) 480-7777 E-mail: brian.watson@co.dakota.mn.us</p>

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BMP Summary Sheet

MS4 Name: Dakota County

Minimum Control Measure: 4-CONSTRUCTION SITE STORMWATER RUNOFF CONTROL

Unique BMP Identification Number: 4e-1

<p>*BMP Title: Establishment of Procedures for the Receipt and Consideration of Reports of Stormwater Noncompliance</p>
<p>*BMP Description:</p> <p>In compliance with Part V.G.4.e, this BMP shall require procedures for receipt and consideration of reports of noncompliance or other information on construction related issues submitted by the public.</p> <p>Dakota County shall receive and consider all reports of noncompliance or other information on construction related issues submitted by the public for construction activities within the county road right-of-way system and shoreline zoning districts where it has land use authority.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP: The information included or referenced on this Summary Sheet is intended to meet all SWPPP requirements for this BMP.</p>
<p>*Measurable Goals:</p> <p>Number of reports of noncompliance or other information on construction related issues submitted by the public for land disturbances within the Dakota County MS4 area.</p>
<p>*Timeline/Implementation Schedule:</p> <p>This BMP is in place as part of the County MS4 program and shall continue to be implemented throughout the duration of the MS4 permit.</p>
<p>Specific Components and Notes:</p> <p>Education Program Component is BMP 1c-4</p>
<p>*Responsible Party for this BMP:</p> <p>Name: Brian Watson Department: Dakota County Soil and Water Conservation District Phone: (651) 480-7777 E-mail: brian.watson@co.dakota.mn.us</p>

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BMP Summary Sheet

MS4 Name: Dakota County

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>In compliance with Part V.G.4.f, this BMP shall require procedures for site inspection and enforcement of control measures.</p> <p>Dakota County shall require site inspection and enforcement of control measures for construction activities within the county road right-of-way system and shoreline zoning districts where it has land use authority.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP: The information included or referenced on this Summary Sheet is intended to meet all SWPPP requirements for this BMP.</p>
<p>*Measurable Goals:</p> <p>Number of site inspection and enforcement of control measures for construction activities within the county road right-of-way system and shoreline zoning districts where it has land use authority</p>
<p>*Timeline/Implementation Schedule:</p> <p>This BMP is in place as part of the County MS4 program and shall continue to be implemented throughout the duration of the MS4 permit.</p>
<p>Specific Components and Notes:</p> <p>Education Program Component is BMP 1c-4</p> <ul style="list-style-type: none">• County project managers will periodically inspect construction sites to insure that the contractor is complying with the contract specifications.• Dakota County will require all project inspectors to be trained in erosion and sediment control. CPESC, MECA, or MnDOT training will be used.• Dakota County will require that at least one certified individual be available for inspecting erosion and sediment control measures on all construction sites.• The project specifications and construction contract will spell out any stop work procedures that will be enforced on County projects.• The project specifications and construction contract will spell out any non-compliance fines that will be enforced for a County construction project. <p>Complaints will be forwarded to the Dakota SWCD and will be followed up in a timely manner.</p>
<p>*Responsible Party for this BMP:</p> <p>Name: Brian Watson Department: Dakota County Soil and Water Conservation District Phone: (651) 480-7777 E-mail: brian.watson@co.dakota.mn.us</p>

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BMP Summary Sheet

MS4 Name: Dakota County

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

Unique BMP Identification Number: 5a-1

<p>*BMP Title: Development and Implementation of Structural and/or Non-structural BMPs</p>
<p>*BMP Description:</p> <p>In compliance with Part V.G.5.a, this BMP shall require the development and implementation of strategies which include a combination of structural and/or non-structural BMPs appropriate for your community.</p> <p>Dakota County shall require the development and implementation of strategies which include a combination of structural and/or non-structural BMPs for all new development and redevelopment projects within the county road right-of-way system and shoreline zoning districts where it has land use authority.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP: The information included or referenced on this Summary Sheet is intended to meet all SWPPP requirements for this BMP.</p>
<p>*Measurable Goals:</p> <p>Number of structural and/or non-structural BMPs included in new development and redevelopment projects within the Dakota County MS4 area.</p>
<p>*Timeline/Implementation Schedule:</p> <p>This BMP is in place as part of the County MS4 program and shall continue to be implemented throughout the duration of the MS4 permit.</p>
<p>Specific Components and Notes:</p> <p>Education Program Component is BMP 1c-5</p> <p>County will challenge design consultants to incorporate infiltration, rain gardens, reduction of impervious surfaces and other innovative water quantity and water quality improvements in all new and major re-development projects.</p>
<p>*Responsible Party for this BMP:</p> <p>Name: Brian Watson Department: Dakota County Soil and Water Conservation District Phone: (651) 480-7777 E-mail: brian.watson@co.dakota.mn.us</p>

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BMP Summary Sheet

MS4 Name: Dakota County

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:**

In compliance with Part V.G.5.b, this BMP requires an ordinance or other regulatory mechanism to address post-construction runoff from new development and redevelopment projects to the extent allowable under law.

Dakota County legal authority is limited to the areas within the county road right-of-way system and shoreline zoning districts where it has land use authority. All other areas within the Dakota MS4 area are regulated by Municipal or Township jurisdiction acting as the local governmental unit with land use authority. Dakota County shall require the management of post-construction runoff from new development and redevelopment projects standards that meet or exceed MPCA NPDES Phase II requirements in its Right-of-Way Ordinance / Right-of-Way permitting procedures.

Dakota County will develop, adopt, and implement, and enforce stormwater detention, retention, filtration, and other standards that meet or exceed MPCA and / or local requirements to the retrofitting of existing systems where possible.

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

See Appendix "B" – Dakota County MS4 Stormwater Management Retrofit Review and Recommendations

***Measurable Goals:**

Number of required management of post-construction runoff from new development and redevelopment projects standards that meet or exceed MPCA NPDES Phase II requirements in its Right-of-Way Ordinance / Right-of-Way permitting procedures.

***Timeline/Implementation Schedule:**

This BMP is in place as part of the County MS4 program and shall continue to be implemented throughout the duration of the MS4 permit.

Specific Components and Notes:

Education Program Component is BMP 1c-5

***Responsible Party for this BMP:**

Name: Brian Watson

Department: Dakota County Soil and Water Conservation District

Phone: (651) 480-7777

E-mail: brian.watson@co.dakota.mn.us

**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: Dakota County

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

Unique BMP Identification Number: 5c-1

<p>*BMP Title: Long-term Operation and Maintenance of BMPs</p>
<p>*BMP Description:</p> <p>In compliance with Part V.G.5.c, this BMP shall require adequate long-term operation and maintenance of BMPs installed as a result of these requirements.</p> <p>Dakota County shall require adequate long-term operation and maintenance of BMPs installed as a result of these requirements for new development and redevelopment projects standards that meet or exceed MPCA NPDES Phase II requirements in its Right-of-Way Ordinance / Right-of-Way permitting procedures.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP: The information included or referenced on this Summary Sheet is intended to meet all SWPPP requirements for this BMP.</p>
<p>*Measurable Goals:</p> <p>Identification of the party responsible to ensure adequate long-term operation and maintenance of BMPs installed as a result of these requirements.</p>
<p>*Timeline/Implementation Schedule:</p> <p>This BMP is in place as part of the County MS4 program and shall continue to be implemented throughout the duration of the MS4 permit.</p>
<p>Specific Components and Notes:</p> <p>Education Program Component is BMP 1c-5</p>
<p>*Responsible Party for this BMP:</p> <p>Name: Brian Watson Department: Dakota County Soil and Water Conservation District Phone: (651) 480-7777 E-mail: brian.watson@co.dakota.mn.us</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: Dakota County

Minimum Control Measure: 6-POLLUTION PREVENTION/GOOD HOUSEKEEPING

Unique BMP Identification Number: 6a-1

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

***BMP Description:**

In compliance with Part V.G.6.a, this BMP requires an operation and maintenance program that includes a training component and has the ultimate goal of preventing or reducing pollutant runoff from MS4 operations. Training materials that are available from the USEPA, state and regional agencies, or other organizations shall be used as appropriate or modified for specific conditions within the MS4. The program shall include employee training to prevent and reduce storm water pollution from activities such as park and open space maintenance, fleet and building maintenance, new construction and land disturbances, and storm water system maintenance.

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

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

***Measurable Goals:**

The establishment of the MS4 operation and maintenance program that includes a training component. Number of trainings.

***Timeline/Implementation Schedule:**

This BMP is in place as part of the County MS4 program and shall continue to be implemented throughout the duration of the MS4 permit.

Specific Components and Notes:

Education Program Component is BMP 1c-6

An operations and maintenance training program will define expectations on how they should carry out their duties to minimize adverse impacts on stormwater runoff quality.

- Operations and Maintenance Training Program will include: Park and open space maintenance, fleet and building maintenance, new construction and land disturbance, storm water system maintenance
- Sequester and review all existing information on operation and maintenance training programs, procedures and information
- Synthesize existing information into an organized approach
- Identify gaps and add new information
- Implement new plan on training component

***Responsible Party for this BMP:**

Name: Todd Howard

Department: Transportation

Phone: (952) 891-7926

E-mail: todd.howard@co.dakota.mn.us

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BMP Summary Sheet

MS4 Name: Dakota County

Minimum Control Measure: 6-POLLUTION PREVENTION/GOOD HOUSEKEEPING

Unique BMP Identification Number: 6a-2

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

***BMP Description:**

This BMP shall require the develop an MS4 street sweeping waste management policy that addresses the following:

- Frequency of street sweeping events, including the time(s) of year that it will be conducted
- Type of street sweeping equipment used (brush or vacuum)
- Target areas for more frequent street sweeping, if applicable. Also indicate the reason for selecting the specific target area and how the frequency differs.
- Overview of street sweeping waste management plan.

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

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

***Measurable Goals:**

A policy to address street sweeping waste management. Quantity of sweepings.

***Timeline/Implementation Schedule:**

The development of this BMP shall begin 2006 and implementation shall continue throughout the duration of the permit.

Specific Components and Notes:

Education Program Component is BMP 1c-6

***Responsible Party for this BMP:**

Name: Todd Howard

Department: Transportation

Phone: (952) 891-7926

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BMP Summary Sheet

MS4 Name: Dakota County

Minimum Control Measure: 6-POLLUTION PREVENTION/GOOD HOUSEKEEPING

Unique BMP Identification Number: 6b-1

***BMP Title:** Operate System to Reduce Pollutant Discharge to MEP

***BMP Description:**

In compliance with Part V.G.6.b.1, this BMP requires the operation and maintenance of the MS4 storm water system in a manner so as to reduce the discharge of pollutants to the Maximum Extent Practicable.

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

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

***Measurable Goals:**

The operation and maintenance of the MS4 storm water system in a manner so as to reduce the discharge of pollutants to the Maximum Extent Practicable.

***Timeline/Implementation Schedule:**

This BMP is in place as part of the County MS4 program and shall continue to be implemented throughout the duration of the MS4 permit.

Specific Components and Notes:

Education Program Component is BMP 1c-6

Dakota County shall:

- Periodically sweep streets and clean parking lots of debris. Debris will be properly disposed.
- Proper maintenance of park space, landscaped medians or other municipal landscaped areas to protect water quality. (Using mulches, Use of biological control agents, Select appropriate plant species)
- Properly handle hazardous materials to prevent spills or leakage. Dakota County will properly dispose of hazardous materials.
- Review material handling practices
- Provide spill reporting forms
- Dakota County operations shall follow containment protocols for Hazardous Materials.
- Dakota County operations will dispose of used motor oil using recycling methods.

***Responsible Party for this BMP:**

Name: Todd Howard

Department: Transportation

Phone: (952) 891-7926

E-mail: todd.howard@co.dakota.mn.us

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BMP Summary Sheet

MS4 Name: Dakota County

Minimum Control Measure: 6-POLLUTION PREVENTION/GOOD HOUSEKEEPING

Unique BMP Identification Number: 6b-2

<p>*BMP Title: Annual Inspection of All Structural Pollution Control Devices</p>
<p>*BMP Description:</p> <p>In compliance with Part V.G.6.b.2, this BMP requires an annual inspection of all structural pollution control devices, such as trap manholes, grit chambers, sumps, floatable skimmers and traps, separators, and other small settling or filtering devices.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP: The information included or referenced on this Summary Sheet is intended to meet all SWPPP requirements for this BMP.</p>
<p>*Measurable Goals:</p> <p>The annual inspection of all structural pollution control devices. Number of devices inspected.</p>
<p>*Timeline/Implementation Schedule:</p> <p>This BMP is in place as part of the County MS4 program and shall continue to be implemented throughout the duration of the MS4 permit..</p>
<p>Specific Components and Notes:</p> <p>Education Program Component is BMP 1c-6</p> <ul style="list-style-type: none">• Transportation Department will periodically inspect and perform necessary maintenance on all road based conveyance systems• Parks Department will periodically inspect and perform necessary maintenance on all park based conveyance systems• Facility Management will periodically inspect and perform necessary maintenance on all building based conveyance systems• SWCD will provide advice to County Departments on the maintenance of County conveyance systems
<p>*Responsible Party for this BMP:</p> <p>Name: Todd Howard Department: Transportation Phone: (952) 891-7926 E-mail: todd.howard@co.dakota.mn.us</p>

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BMP Summary Sheet

MS4 Name: Dakota County

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:**

In compliance with Part V.G.6.b, this BMP requires an inspection, at minimum, 20% of the MS4 outfalls, sediment basins and ponds each year on a rotating basis, during the effective period of this permit.

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

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

***Measurable Goals:**

The annual inspection of at least 20% of the MS4 outfalls, sediment basins and ponds. Number of devices inspected.

***Timeline/Implementation Schedule:**

This BMP is in place as part of the County MS4 program and shall continue to be implemented throughout the duration of the MS4 permit.

Specific Components and Notes:

Education Program Component is BMP 1c-6

- Transportation Department will periodically inspect and perform necessary maintenance on all road based conveyance systems
- Parks Department will periodically inspect and perform necessary maintenance on all park based conveyance systems
- Facility Management will periodically inspect and perform necessary maintenance on all building based conveyance systems
- SWCD will provide advice to County Departments on the maintenance of County conveyance systems

***Responsible Party for this BMP:**

Name: Todd Howard

Department: Transportation

Phone: (952) 891-7926

E-mail: todd.howard@co.dakota.mn.us

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BMP Summary Sheet

MS4 Name: Dakota County

Minimum Control Measure: 6-POLLUTION PREVENTION/GOOD HOUSEKEEPING

Unique BMP Identification Number: 6b-4

<p>*BMP Title: Annual Inspection of All Exposed Stockpile, Storage and Material Handling Areas</p>
<p>*BMP Description:</p> <p>In compliance with Part V.G.6.b.4, this BMP requires an inspection of all exposed stockpile, storage and material handling areas at least annually.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP: The information included or referenced on this Summary Sheet is intended to meet all SWPPP requirements for this BMP.</p>
<p>*Measurable Goals:</p> <p>An annual inspection of all exposed stockpile, storage and material handling areas. Number of inspections.</p>
<p>*Timeline/Implementation Schedule:</p> <p>This BMP is in place as part of the County MS4 program and shall continue to be implemented throughout the duration of the MS4 permit.</p>
<p>Specific Components and Notes:</p> <p>Education Program Component is BMP 1c-6</p> <p>Proper use storage of road salt can minimize surface water contamination.</p>
<p>*Responsible Party for this BMP:</p> <p>Name: Todd Howard Department: Transportation Phone: (952) 891-7926 E-mail: todd.howard@co.dakota.mn.us</p>

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BMP Summary Sheet

MS4 Name: Dakota County

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:**

In compliance with Part V.G.6.b.5, this BMP requires a follow-up action based on the results of the 6b annual inspections, to determine if repair, replacement, or maintenance measures are necessary for proper operation and to prevent environmental impacts such as erosion. The necessary measures shall be completed as soon as possible, usually during the same year as the inspection. When this is not practicable, the reasons and a schedule for completion shall be submitted in the annual report.

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

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

***Measurable Goals:**

Follow-up action to complete repairs, replacement, or maintenance measures are necessary for proper operation and to prevent environmental impacts such as erosion. Number of follow-up actions.

***Timeline/Implementation Schedule:**

This BMP is in place as part of the County MS4 program and shall continue to be implemented throughout the duration of the MS4 permit.

Specific Components and Notes:

Education Program Component is BMP 1c-6

***Responsible Party for this BMP:**

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BMP Summary Sheet

MS4 Name: Dakota County

Minimum Control Measure: 6-POLLUTION PREVENTION/GOOD HOUSEKEEPING

Unique BMP Identification Number: 6b-6

<p>*BMP Title: Record Reporting and Retention of All Inspections and Responses to the Inspections</p>
<p>*BMP Description:</p> <p>In compliance with Part V.G.6.b.6, this BMP requires a summary the results of all 6b inspections in the annual report. Keep records on the dates of inspection and responses to the inspections, including the date of completion of repairs and major additional protection measures.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP: The information included or referenced on this Summary Sheet is intended to meet all SWPPP requirements for this BMP.</p>
<p>*Measurable Goals:</p> <p>Summary of maintenance inspection results in the annual MS4 report.</p>
<p>*Timeline/Implementation Schedule:</p> <p>This BMP is in place as part of the County MS4 program and shall continue to be implemented throughout the duration of the MS4 permit.</p>
<p>Specific Components and Notes:</p> <p>Education Program Component is BMP 1c-6</p>
<p>*Responsible Party for this BMP:</p> <p>Name: Todd Howard Department: Transportation Phone: (952) 891-7926 E-mail: todd.howard@co.dakota.mn.us</p>

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BMP Summary Sheet

MS4 Name: Dakota County

Minimum Control Measure: 6-POLLUTION PREVENTION/GOOD HOUSEKEEPING

Unique BMP Identification Number: 6b-7

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

***BMP Description:**

In compliance with Part V.G.6.b.7, this BMP requires keeping records of inspection results, including as appropriate, the date, antecedent weather conditions, sediment storage and capacity remaining, and any maintenance performed or recommended. After two years of inspections, if patterns of maintenance become apparent, the frequency of inspections may be adjusted. If maintenance or sediment removal is required as a result of each of the first two annual inspections, the frequency of inspection shall be increased to at least two (2) times annually, or more frequently as needed to prevent carry-over or washout of pollutants from the structures and maximize pollutant removal. If maintenance or sediment removal is not required as a result of both of the first two (2) annual inspections, the frequency may be reduced to once every two (2) years.

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

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

***Measurable Goals:**

The keeping of records of inspection results. Number of records kept.

***Timeline/Implementation Schedule:**

This BMP is in place as part of the County MS4 program and shall continue to be implemented throughout the duration of the MS4 permit.

Specific Components and Notes:

Education Program Component is BMP 1c-6

***Responsible Party for this BMP:**

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