

NPDES Phase II MS4 Permit
Storm Water Pollution Prevention Program



May 19, 2006

**Prepared for:
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155-4914**

STORM WATER POLLUTION PREVENTION PROGRAM

(SWPPP)

MUNICIPAL SEPARATE STORM SEWER SYSTEM PROGRAM

This SWPPP is prepared by Benton County Highway Department under the direction of Robert H. Kozel, Benton County Highway Engineer.

The included components of the SWPPP are intended to meet the requirements of Permit No. MNR040000, with an effective date of June 1, 2006.

The SWPPP prepared by Benton County Highway Department covers an area of urban nature in the vicinity of the Cities of St. Cloud, Sauk Rapids and Sartell, Minnesota; and which the foregoing cities overlap the same area for their own MS4 requirements. The overlap results that Benton County and these cities have the same common audience for the MS4 permit requirements.

This SWPPP is intended to address the six minimum control measures of V.G.1. through V.G.6., Evaluating-Recordingkeeping and Reporting. The major components of this SWPPP include the Minnesota Pollution Control Agency General Permit No. MNR 04000 and Best Management Practices (BMPs) to support the intent of the permit. It is intended that the BMPs include sufficient details to avoid redundancy of the inclusion of details elsewhere in this SWPPP.

SWPPP GOALS

The primary goal of this SWPPP is to restore and maintain the chemical, physical and biological integrity of Waters of the State through management and treatment of urban storm water runoff. This is accomplished by management of Municipal Separate Storm Sewer Systems through this Storm Water Pollution Prevention Program. The purpose is to maintain water quality standards where there is compliance and help bring waters that may not meet water quality standards into compliance.

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Minnesota Pollution Control Agency

**GENERAL PERMIT
AUTHORIZATION TO DISCHARGE STORM WATER
ASSOCIATED WITH MUNICIPAL SEPARATE STORM SEWER SYSTEMS
UNDER THE NATIONAL POLLUTANT DISCHARGE ELIMINATION
SYSTEM/STATE DISPOSAL SYSTEM PERMIT PROGRAM**

EFFECTIVE DATE: June 1, 2006 EXPIRATION DATE: May 31, 2011

In compliance with the provisions of the Clean Water Act, as amended, (33 U.S.C. 1251 et seq.; hereinafter, the "Act"), 40 CFR 122, 123, and 124, as amended, et seq.; Minnesota Statutes Chapters 115 and 116, as amended, and Minnesota Rules Chapter 7001.

This permit establishes conditions for discharging **Storm Water** and specific other related discharges to **Waters of the State**. This permit is required for discharges that are from **Small Municipal Separate Storm Sewer Systems**, as defined in this permit.

Upon approval by the **Commissioner** applicants who submit a completed application in accordance with the requirements of this permit, are authorized to discharge **Storm Water** from **Small Municipal Separate Storm Sewer Systems**, under the terms and conditions of this permit.

Signature: _____

A handwritten signature in cursive script, appearing to read "Sheryl A. Corrigan", written over a horizontal line.

Sheryl A. Corrigan
Commissioner
Minnesota Pollution Control Agency

Issuance Date: _____

3/3/06

If **You** have questions on this permit, including the specific permit requirements, permit reporting or permit compliance status, please contact the appropriate Minnesota Pollution Control Agency offices.

Storm Water Management Unit
Storm Water Section
Municipal Division
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155-4194

Phone (651) 296-6300, or
Toll free in MN 800-657-3864
Fax (651) 297-2343

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PART I. PERMIT GOALS

The primary goal of this permit is to restore and maintain the chemical, physical, and biological integrity of **Waters of the State** through management and treatment of urban **Storm Water** runoff. This is accomplished by management of **Municipal Separate Storm Sewer Systems** through a **Storm Water Pollution Prevention Program**. The purpose is to maintain water quality standards where there is compliance, and help bring waters that do not meet water quality standards into compliance. It should be noted that when there is a discharge to waters where there are limitations on coverage (Part II.B), there may be more stringent requirements that must be addressed. **You** may also voluntarily adopt more stringent measures to meet local goals.

PART II. COVERAGE UNDER THIS PERMIT

A. Eligibility

This permit, including appendices, authorizes discharges of **Storm Water** from **Small Municipal Separate Storm Sewer Systems** as defined in 40 CFR § 122.26(b)(16).

B. Limitations on Coverage

1. This permit does not authorize discharges other than **Storm Water**. **Non-Storm Water** discharges may include: combined sewer overflow, noncontact cooling water, sewage, wash water, scrubber water, spills, oil, hazardous substances, fill, commercial equipment/vehicle cleaning and maintenance wastewaters. A separate National Pollutant Discharge Elimination System (NPDES) permit may be required for these discharges.
2. This permit does not authorize the discharge of **Storm Water** when a separate NPDES permit is required for these activities. For example, while **Storm Water** from industrial activity or construction activity may be discharged from a **MS4** with authorized **Storm Water** discharges, this permit does not replace or satisfy any other permits required for those discharges.
3. This permit does not authorize the discharge of **Storm Water** from any other entity located in the drainage area or outside the drainage area. Only your system and the portions of the storm sewer system that are under your operational control are authorized by your permit.
4. This permit does not authorize the following **discharges** as described in Appendix C unless the requirements of Part IX (Appendix C) are met:
 - a. Discharges to waters with Prohibited Discharges as defined in Minn. R. 7050.0180, subp. 3, 4, and 5.

- b. Discharges to waters with Restricted Discharge as defined in Minn. R. 7050.0180, subp. 6, 6a, and 6b.
 - c. Discharges to Trout Waters as defined in Minn. R. 6264.0050, subp. 2 and 4.
 - d. Discharges to **Wetlands** as defined in Minn. R. 7050.0130, subp. F (see also Minn. R. 7050.0186).
 - e. Discharges requiring Environmental Review required by Minn. Stat. ch. 116D and 42 U.S.C. §§ 4321 – 4370 f.
 - f. Discharges Affecting Threatened or Endangered Species or Their Habitat.
 - g. Discharges Affecting Historic or Archeological Sites.
 - h. Discharges Affecting Source Water Protection Areas.
5. This permit does not allow **discharges** if the requirements of Part X (Appendix D) and schedule of Part XI (Appendix E) are applicable, unless the **MS4** is in compliance with those appendices.

C. Obtaining Authorization

In order for **Storm Water** discharges from **Small Municipal Separate Storm Sewer Systems** to be authorized to discharge under this **General Permit**:

1. Submit an application with the **Storm Water Pollution Prevention Program** **You** intend to implement under this permit, in accordance with the requirements of Part III, using a form provided by the **Commissioner** (or a facsimile thereof).
2. Where the ownership or significant operational control of the **MS4** changes, after the submittal of an application under Part III, a new application must be submitted in accordance with Part III.
3. The **Commissioner** will review the application and **Storm Water Pollution Prevention Program** for completeness and compliance with this permit. The **Commissioner** shall determine whether to approve coverage or to deny coverage to dischargers who submit a complete application. In accordance with the procedures of this permit and requirements of Minn. R. ch. 7001, the **Commissioner** shall provide public notice with the opportunity for hearing on the determination. Upon approval by the **Commissioner**, dischargers are authorized to discharge **Storm Water** from **Small Municipal Separate Storm Sewer Systems** under the terms and conditions of this permit.

4. The **Commissioner** may deny coverage under this permit and require submittal of an application for an individual NPDES permit based on a review of the application or other information, in accordance with Minn. R. ch. 7000 and 7001.

PART III. APPLICATION REQUIREMENTS (Notice of Intent)

A. Deadlines for Application

If **You** are an **Owner** or **Operator** of a **Small Municipal Separate Storm Sewer System** regulated under 40 CFR § 122.32(a)(1), **You** must apply to obtain coverage under this permit within 90 days after the permit issuance date on page 1 of this permit. If **You** fail to make the application deadline, **You** are out of compliance and must submit an application. The **Owner** or **Operator** of an **MS4** that is not designated for coverage by federal rules, but has been designated under Minn. R. ch. 7090, must apply by the date specified in the **Commissioner's** designation documents.

B. Signature

The Application shall be signed in accordance with application forms provided by the **Commissioner** and shall include the following information:

1. The street address, county, and the **Owner** or **Person** with operational control of the **MS4** for which the notification is submitted; and
2. The name, address, and telephone number of the individual responsible for overall permit compliance.

C. Application Attachment: Storm Water Pollution Prevention Program

The proposed **Storm Water Pollution Prevention Program** for implementing the permit shall be attached to the application on forms provided by the **Commissioner** (or reasonable facsimiles), including:

1. The **Best Management Practices** or **BMPs** that **You** will implement for each of the **Storm Water** minimum control measures at Part V.G of this permit;
2. The measurable goals for each of the **BMPs**, including, as appropriate, the months and years in which **You** will undertake required actions, including interim milestones and the frequency of the action, in narrative or numeric form, as appropriate;
3. Estimated timeline(s) (months, years) in which **You** will implement each **BMP**; and

4. Individual(s) responsible for implementing and/or coordinating each component of the **Storm Water Pollution Prevention Program**. This should be the individual **You** want the **Agency** to contact for the particular component; it may be the overall coordinator or other individual.

D. Where to Submit

Applications signed in accordance with Part III.B of this permit, **Storm Water Pollution Prevention Programs** submitted under Part III.C, annual reports under Part VI.D, and submittals under Appendices C, D, and E, are to be submitted to the **Commissioner** at the following address:

Storm Water Management Unit
Storm Water Section
Municipal Division
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155-4194

Phone (651) 296-6300, or
Toll free in MN 800-657-3864
Fax (651) 297-2343

E. Record Retention

The applicant shall retain copies of the permit application, the **Storm Water Pollution Prevention Program**, all data and information used by the applicant to complete the application, and any information developed as a requirement of this permit or as requested by the **Commissioner**, for a period of at least three (3) years beyond the date of permit expiration. This period is automatically extended during the course of an unresolved enforcement action regarding the **MS4** or as requested by the **Commissioner**.

PART IV. RIGHTS AND RESPONSIBILITIES

- A. The **Commissioner** may modify this permit or issue other permits, in accordance with Minn. R. ch. 7001, to include more stringent effluent limitations or permit requirements that modify or are in addition to the minimum control measures in Part V.G of this permit, or both. These modifications may be based on the **Commissioner's** determination that such modifications are needed to protect water quality.
- B. Additional **MS4s** may be designated for coverage under this permit in accordance with Minn. R. ch. 7090. The **Owner** or **Operator** of an **MS4** that is designated for coverage must comply with the permit requirements by the dates specified in the **Commissioner's** designation documents.

- C. **You** may request individual permits based on Minn. R. ch. 7000, 7001, and other applicable rules.
- D. Section 303(d) listings and **Total Maximum Daily Load (TMDL)**

If your **MS4** discharges to a **Water of the State** that appears on the current **USEPA** approved list of impaired waters under Section 303(d) of the Clean Water Act (33 U.S.C. § 303 (d)), **You** must review whether changes may be warranted in your **Storm Water Pollution Prevention Program** to **Reduce** the impact of your discharge. If a **USEPA**-approved **TMDL(s)** has been developed, **You** must review the adequacy of your **Storm Water Pollution Prevention Program** to meet the **TMDL's** Waste Load Allocation set for **Storm Water** sources. If the **Storm Water Pollution Prevention Program** is not meeting the applicable requirements, schedules and objectives of the **TMDL**, **You** must modify your **Storm Water Pollution Prevention Program**, as appropriate, within 18 months after the **TMDL** Waste Load Allocation is approved.

PART V. STORM WATER POLLUTION PREVENTION PROGRAM

- A. **You** must develop, implement, and enforce a **Storm Water Pollution Prevention Program** designed to **Reduce** the discharge of pollutants from your **Small MS4**, to protect water quality, and to satisfy the appropriate water quality requirements of the Clean Water Act. Upon approval by the **Commissioner**, the **Storm Water Pollution Prevention Program** shall be implemented as specified in the permit or in the **Commissioner's** approval letter.
- B. Your **Storm Water Pollution Prevention Program** must be designed and managed to **Reduce** the discharge of pollutants from your storm sewer system to the **Maximum Extent Practicable (MEP)**. **You** must manage your municipal storm sewer system in compliance with the Clean Water Act and with the terms and conditions of this permit. **You** must manage, operate, and maintain the storm sewer system and areas **You** control that discharge to the storm sewer system in a manner to **Reduce** the discharge of pollutants to the **MEP**. The **Storm Water Pollution Prevention Program** will consist of a combination of **Best Management Practices**, including education, maintenance, control techniques, system design and engineering methods, and such other provisions as **You** determined to be appropriate, as long as the **BMPs** meet the requirements of this permit.
- C. **You** shall submit an annual report on the implementation of the **Storm Water Pollution Prevention Program** by June 30 of each year, or on another later date if established for your **MS4** by the **Commissioner**. The report shall cover the entire previous calendar year, in accordance with the reporting requirements of Part VI.D.
- D. Your **Storm Water Pollution Prevention Program** must include **BMPs** that control or **Reduce** pollutants, as appropriate for your community. In the development of **BMPs** for your **Storm Water Pollution Prevention Program**,

You must consider the sources of pollutants, the potentially polluting activities being conducted in the watershed, and the sensitivity of the receiving waters. For **MS4s** that have discharges to waters listed in Part II.B.4, see Part IX (Appendix C) for additional requirements. For **MS4s** listed in Part XI (Appendix E), see Part X (Appendix D) for additional requirements.

- E. For each minimum control measure, there shall be a description of the **BMPs** for this measure, responsible department in charge, an implementation schedule, including any request by **You** for consideration by the Commissioner of an extension or exemption from any deadlines and timelines set forth in this permit, and measurable goals that will be used to determine the success or benefits of the **BMPs**.
- F. The **Storm Water Pollution Prevention Program** shall become an enforceable part of this permit upon approval by the **Commissioner**. Modifications to the **Storm Water Pollution Prevention Program** that are required or allowed by this permit (see Part V.H) shall also become enforceable provisions.
- G. The six minimum control measures to be included in your **Storm Water Pollution Prevention Program** are listed below. **You** must define appropriate **BMPs** for these minimum control measures and measurable goals for each **BMP**. The **Storm Water Pollution Prevention Program** must include all **BMPs** required below, must include annual schedules or procedures for implementation, and, where appropriate, must be implemented or established in ordinance, plan or policy by June 30, 2010, unless other timelines have been specifically established in this permit Part V.G.1-6, or by the **Commissioner** under Part IV.B, or under other rules and authorities.
 - 1. Public education and outreach on **Storm Water** impacts. **You** must select and implement a program of appropriate **BMPs** and measurable goals for this minimum control measure consisting of, at minimum:
 - a. **You** must 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.
 - b. **You** must specifically implement an education program that individually addresses each minimum control measure (Part V.G.1-6):
 - 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**; and
 - 6) Pollution prevention/good housekeeping for municipal operations.
- c. For each control measure, your education program must identify:
- 1) The audience or audiences involved;
 - 2) Educational goals for each audience in terms of increased awareness, increased understanding, acquired skills, and/or desired changes in behavior;
 - 3) Activities used to reach educational goals for each audience;
 - 4) Activity implementation plans, including responsible department in charge, entities responsible for given activities, and schedules; and
 - 5) Available performance measures that can be used to determine success in reaching educational goals.
- d. **You** must describe how your education program is coordinated with and makes effective use of other **Storm Water** education programs being conducted in your area by other entities as appropriate for your **MS4**, 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.
- e. **You** must hold at least one public meeting per year addressing the **Storm Water Pollution Prevention Program**. **You** must hold the public meeting prior to submittal to the **Commissioner** of the annual report required in Part VI.D.
- 1) Location. The public informational meeting must be held in the general vicinity of the **MS4** that is the subject of the permit. Otherwise, the public informational meeting must be held in a place that is generally convenient to **Persons** expected to attend the meeting.
 - 2) Notice. **You** must issue a notice of the public informational meeting at least 30 days prior to the meeting. The notice must contain a reference to the **Storm Water Pollution Prevention Program**, the date, time, and location of the public informational meeting; a concise description of the manner in which the public informational meeting will be conducted; and shall indicate the location where a copy of the **Storm Water Pollution Prevention Program** is available for public review.
 - 3) Distribution of notice. **You** must publish the notice in a **Newspaper** of general circulation in the general vicinity of the

MS4, and shall make available a copy of the notice to the **Agency**, the appropriate city and county officials, and all other **Persons** who have requested that they be informed of public meetings for the **Storm Water Pollution Prevention Program**.

- 4) Joint meetings. **You** may consolidate two or more matters, issues, or related groups of issues, or hold joint **MS4** public meetings with other permittees to meet the requirements of this part. These public meetings may be part of a larger public meeting, such as a city council meeting, provided that adequate public notice and opportunity to participate is provided.
2. Public participation/involvement. **You** must select and implement a program of appropriate **BMPs** and measurable goals for this minimum control measure consisting of, at minimum:
 - a. **You** must comply with applicable public notice requirements of Part V.G.1.e.2 when implementing the provisions of the **Storm Water Pollution Prevention Program**.
 - b. **You** must 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.
 - 1) **You** must afford interested **Persons** a reasonable opportunity to make oral statements concerning the **Storm Water Pollution Prevention Program**.
 - 2) **You** must consider timely, relevant written materials that interested **Persons** submit concerning the **Storm Water Pollution Prevention Program**.
 - 3) **You** may establish procedures and processes for each speaker's presentation, require speakers with similar views to select a spokesperson, specify the timing and format of written materials, or make similar rules to help ensure an opportunity for full and fair consideration of all views.
 - c. **You** must consider the public input, oral and written, to the **Storm Water Pollution Prevention Program** and shall make adjustments **You** find appropriate.
 3. Illicit discharge detection and elimination. **You** must develop, implement, and enforce a program to detect and eliminate illicit discharges as defined at 40 CFR § 122.26(b)(2) into your **Small MS4**. **You** must also select and implement a program of appropriate **BMPs** and measurable goals for this minimum control measure consisting of, at minimum:

- a. **You** must develop, if not already completed, a storm sewer system map by June 30, 2008, or on another date established by the **Commissioner**, showing the location of:
 - 1) Ponds, streams, lakes and **Wetlands** that are part of your system;
 - 2) Structural pollution control devices (grit chambers, separators, etc.) that are part of your system;
 - 3) All pipes and conveyances in your system as a goal, but at minimum, those pipes that are 24 inches in diameter and over; and
 - 4) **Outfalls**, including discharges from your system to other **MS4s**, or waters and **Wetlands** that are not part of your system (where **You** do not have operational control); structures that discharge storm water directly into groundwater; overland discharge points and all other points of discharge from your system that are outlets, but not diffuse flow areas.
- b. **You** must, to the extent allowable under law, effectively prohibit, through ordinance or **Other Regulatory Mechanism**, non-**Storm Water** discharges into your storm sewer system and implement appropriate enforcement procedures and actions.
- c. **You** must develop and implement a program to detect and address non-**Storm Water** discharges, including illegal dumping, to your system.
- d. **You** must inform employees, businesses, and the general public in your **MS4** area of hazards associated with illegal discharges and improper disposal of waste.
- e. **You** must address the following categories of non-**Storm Water** discharges or flows (i.e., illicit discharges), only if **You** identify them as significant contributors of pollutants to your **Small MS4**:

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.

4. Construction site **Storm Water** runoff control. Within six months after extension of coverage under this permit, **You** must have developed and must have commenced to implement and enforce a program to **Reduce** pollutants in any **Storm Water** runoff to your **Small MS4** from construction activities

within your jurisdiction that result in a land disturbance of greater than or equal to one acre. Controls on **Storm Water** discharges from construction activity disturbing less than one acre must be included in your program, if that construction activity is part of a larger **Common Plan of Development or Sale** that would disturb one acre or more. **You** must also select and implement a program of appropriate **BMPs** and measurable goals for this minimum control measure consisting of, at minimum:

- a. 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;
 - b. Requirements for construction site operators to implement appropriate erosion and sediment control **Best Management Practices**;
 - c. Requirements for construction site operators 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;
 - d. Procedures for site plan review which incorporate consideration of potential water quality impacts;
 - e. Procedures for receipt and consideration of reports of noncompliance or other information on construction related issues submitted by the public; and
 - f. Procedures for site inspection and enforcement of control measures.
5. Post-construction **Storm Water** management in **New Development** and **Redevelopment**. **You** must develop, implement, and enforce a program to address **Storm Water** runoff from **New Development** and **Redevelopment** projects within your jurisdiction that disturb greater than or equal to one acre, including projects less than one acre that are part of a larger **Common Plan of Development or Sale** that discharge into your **Small MS4** by June 30, 2008, or on another date established by the **Commissioner**. Your program must ensure that controls are in place that would prevent or **Reduce** water quality impacts. **You** must also select and implement a program of appropriate **BMPs** and measurable goals for this minimum control measure consisting of, at minimum:
- a. Develop and implement strategies which include a combination of structural and/or non-structural **BMPs** appropriate for your community;

- b. Use an ordinance or **Other Regulatory Mechanism** to address post-construction runoff from **New Development** and **Redevelopment** projects to the extent allowable under law; and
 - c. Ensure adequate long-term operation and maintenance of **BMPs** installed as a result of these requirements.
6. Pollution prevention/good housekeeping for municipal operations. **You** must select and implement a program of appropriate **BMPs** and measurable goals for this minimum control measure consisting of, at minimum:
- a. 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 may be used as appropriate or modified for your community. Your program must 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.
 - b. **You** must also:
 - 1) Operate and maintain your **Storm Water** system in a manner so as to **Reduce** the discharge of pollutants to the **Maximum Extent Practicable**.
 - 2) Inspect annually all structural pollution control devices, such as trap manholes, grit chambers, sumps, floatable skimmers and traps, separators, and other small settling or filtering devices.
 - 3) Inspect, at minimum, 20% of the **MS4 Outfalls**, sediment basins and ponds each year on a rotating basis, during the effective period of this permit.
 - 4) Inspect all exposed stockpile, storage and material handling areas at least annually.
 - 5) Based on your inspection, 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.
 - 6) Summarize the results of all 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.

- 7) Keep 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.

H. Modifications to the Storm Water Pollution Prevention Program

1. The **Commissioner** may require **You** to modify the **Storm Water Pollution Prevention Program** as needed, in accordance with the procedures of Minn. R. ch. 7001, and may consider the following factors:
 - a. Discharges from the storm sewer system are impacting the quality of receiving waters;
 - b. More stringent requirements are necessary to comply with state or federal regulations;
 - c. Measures are necessary to meet the applicable requirements of Appendices C and D, or
 - d. Additional conditions are deemed necessary to comply with the goals and requirements of the Clean Water Act or water quality standards.
2. Modifications that **You** wish to make in your **Storm Water Pollution Prevention Program**, other than modifications allowed in Part H.3 below, must be approved by the **Commissioner** in accordance with the procedures of Minn. R. ch. 7001. All requests must be in writing, setting forth schedules for compliance. The request should discuss alternative program modifications, assure compliance with requirements of the permit, and meet other requirements of the permit and applicable laws.
3. The **Storm Water Pollution Prevention Program** may only be modified by **You** without prior approval of the **Commissioner**, provided it is in accordance with the following:
 - a. A **BMP** is added, and none subtracted, from the **Storm Water Pollution Prevention Program**; or

- b. A less effective **BMP** identified in the **Storm Water Pollution Prevention Program** is replaced with a more effective **BMP**. The alternate **BMP** shall address the same, or similar, concerns as the ineffective or failed **BMP**; and
- c. The **Commissioner** is notified of the modification in the annual report for the year the modification is made.

PART VI. EVALUATING, RECORDKEEPING AND REPORTING

A. Evaluation and Assessment

For each annual report, **You** must evaluate program compliance, the appropriateness of your identified **Best Management Practices**, and progress towards achieving your identified measurable goals.

B. Recordkeeping

You must keep records required by the NPDES permit for at least three (3) years beyond the term of the permit. **You** must submit your records to the **Commissioner** only if specifically asked to do so.

C. Public Availability

You must make your records, including your **Storm Water Pollution Prevention Program**, available to the public at reasonable times during regular business hours (see 40 CFR § 122.7 for confidentiality provision). **You** may assess a reasonable charge for copying. **You** may require a member of the public to provide advance notice.

D. Annual Reporting

You must submit annual reports to the **MPCA** by June 30 of each year. The report must cover the entire previous calendar year. Your annual report must summarize:

1. The status of compliance with permit conditions, including an assessment of the appropriateness of your identified **Best Management Practices** and progress towards achieving your identified measurable goals for each of the minimum control measures. Your assessment must be based on results of information collected and analyzed, including monitoring (if any), inspection findings, and public input received during the reporting period;
2. The **Storm Water** activities **You** plan to undertake during the next reporting cycle;
3. A change in any identified **Best Management Practices** or measurable goals for any of the minimum control measures; and

4. A statement that **You** are relying on another entity to satisfy some of your permit obligations (if applicable), and what agreements **You** have entered into in support of this effort.

E. Reporting Submittals

The applications, annual reports, **Storm Water Pollution Prevention Program**, and other submittals required by this permit shall be submitted to:

Storm Water Management Unit
Storm Water Section
Municipal Division
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155-4194

PART VII. APPENDIX A: STANDARD CONDITIONS

- A. The **Agency's** issuance of a permit does not release the permittee from any liability, penalty, or duty imposed by Minnesota or federal statutes or rules or local ordinances, except the obligation to obtain the permit.
- B. The **Agency's** issuance of a permit does not prevent the future adoption by the **Agency** of pollution control rules, standards, or orders more stringent than those now in existence and does not prevent the enforcement of these rules, standards, or orders against the permittee.
- C. The permit does not convey a property right or an exclusive privilege.
- D. The **Agency's** issuance of a permit does not obligate the **Agency** to enforce local laws, rules, or plans beyond that authorized by Minnesota statutes.
- E. The permittee shall perform the actions or conduct the activity authorized by the permit in accordance with the plans and specifications approved by the **Agency** and in compliance with the conditions of the permit.
- F. The permittee shall at all times properly operate and maintain the facilities and systems of treatment and control and the appurtenances related to them which are installed or used by the permittee to achieve compliance with the conditions of the permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. The permittee shall install and maintain appropriate backup or auxiliary facilities if they are necessary to achieve compliance with the conditions of the permit and, for all permits other than hazardous waste facility permits, if these backup or auxiliary facilities are technically and economically feasible.
- G. The permittee may not knowingly make a false or misleading statement, representation, or certification in a record, report, plan, or other document required to be submitted to the **Agency** or to the **Commissioner** by the permit. The permittee shall immediately upon discovery report to the **Commissioner** an error or omission in these records, reports, plans, or other documents.
- H. The permittee shall, when requested by the **Commissioner**, submit within a reasonable time the information and reports that are relevant to the control of pollution regarding the construction, modification, or operation of the facility covered by the permit or regarding the conduct of the activity covered by the permit.
- I. When authorized by Minn. Stat. §§ 115.04; 115B.17, subd. 4; and 116.091, and upon presentation of proper credentials, the **Agency**, or an authorized employee or agent of the **Agency**, shall be allowed by the permittee to enter at reasonable times

upon the property of the permittee to examine and copy books, papers, records, or memoranda pertaining to the construction, modification, or operation of the facility covered by the permit or pertaining to the activity covered by the permit; and to conduct surveys and investigations, including sampling or monitoring, pertaining to the construction, modification, or operation of the facility covered by the permit or pertaining to the activity covered by the permit.

- J. If the permittee discovers, through any means, including notification by the **Agency**, that noncompliance with a condition of the permit has occurred, the permittee shall take all reasonable steps to minimize the adverse impacts on human health, public drinking water supplies, or the environment resulting from the noncompliance.
- K. If the permittee discovers that noncompliance with a condition of the permit has occurred which could endanger human health, public drinking water supplies, or the environment, the permittee shall, within 24 hours of the discovery of the noncompliance, orally notify the **Commissioner**. Within five days of the discovery of the noncompliance, the permittee shall submit to the **Commissioner** a written description of the noncompliance; the cause of the noncompliance; the exact dates of the period of the noncompliance; if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.
- L. The permittee shall report noncompliance with the permit not reported under item K as a part of the next report, which the permittee is required to submit under this permit. If no reports are required within 30 days of the discovery of the noncompliance, the permittee shall submit the information listed in item K within 30 days of the discovery of the noncompliance.
- M. The permittee shall give advance notice to the **Commissioner** as soon as possible of planned physical alterations or additions to the permitted facility (**MS4**) or activity that may result in noncompliance with a Minnesota or federal pollution control statute or rule or a condition of the permit.
- N. The permit is not transferable to any **Person** without the express written approval of the **Agency** after compliance with the requirements of Minn. R. 7001.0190. A **Person** to whom the permit has been transferred shall comply with the conditions of the permit.
- O. The permit authorizes the permittee to perform the activities described in the permit under the conditions of the permit. In issuing the permit, the state and **Agency** assume no responsibility for damage to **Persons**, property, or the environment caused by the activities of the permittee in the conduct of its actions, including those activities authorized, directed, or undertaken under the permit. To the extent the state and **Agency** may be liable for the activities of its employees, that liability is explicitly limited to that provided in the Tort Claims Act, Minn. Stat. § 3.736.

- P.** This permit incorporates by reference the applicable portions of 40 CFR §§ 122.41 and 122.42 parts (c) and (d) and Minn. R. 7001.1090, which are enforceable parts of this permit.

PART VIII. APPENDIX B: DEFINITIONS

The definitions in this Part are for purposes of this permit only.

“Agency” or **“Agency members”** means the **Commissioner** and the eight persons appointed to the Minnesota Pollution Control Agency, pursuant to Minn. Stat. § 116.02, subd. 1.

“Best Management Practices” or **“BMPs”** means practices to prevent or **Reduce** the pollution of the **Waters of the State**, including schedules of activities, prohibitions of practices, and other management practices, and also includes treatment requirements, operating procedures and practices to control plant site runoff, spillage or leaks, sludge, or waste disposal or drainage from raw material storage.

“Commissioner” means the **Commissioner** of the Minnesota Pollution Control Agency or the **Commissioner's** designee.

“Common Plan Of Development Or Sale” means a contiguous area where multiple separate and distinct construction activities are planned to occur at different times on different schedules under one plan, for example, a housing development of five one-quarter-acre lots (40 CFR § 122.26(b)(15)(i)).

“Designated MS4” means an MS4 designated in accordance with Minn. R. ch. 7090.

“EPA” means the U.S. Environmental Protection Agency.

“Expanded Discharge” means a discharge that changes in volume, quality, location, or any other manner after January 1, 1988 or the effective date an outstanding resource value water was designated as described in Minn. R. 7050.0460 and 7050.0470, such that an increased loading of one or more pollutants results. In determining whether an increased loading of one or more pollutants would result from the proposed change in the discharge, the **Agency** shall compare the loading that would result from the proposed discharge with the loading allowed by the **Agency** as of January 1, 1988 or the effective date of outstanding resource value water designation. This definition does not apply to the discharge of bioaccumulative chemicals of concern, as defined in Minn. R. 7052.0010, subp. 4, to outstanding resource value waters in the Lake Superior Basin. For purposes of Minn. R. 7050.0180, an expanded discharge of a bioaccumulative chemical of concern to an outstanding resource value water in the Lake Superior Basin is defined in Minn. R. 7052.0010, subp. 18.

“General Permit” means a permit issued under Minn. R. 7001.0210 to a category of permittees whose operations, emissions, activities, discharges, or facilities are the same or substantially similar.

“Maximum Extent Practicable” **“MEP”** is the statutory standard (33 U.S.C. § 1342(p)(3)(B)(iii)) that establishes the level of pollutant reductions that an **Owner** or

Operator of Regulated MS4s must achieve. The **USEPA** has intentionally not provided a precise definition of **MEP** to allow maximum flexibility in **MS4** permitting. The pollutant reductions that represent **MEP** may be different for each **Small MS4**, given the unique local hydrologic and geologic concerns that may exist and the differing possible pollutant control strategies. Therefore, each permittee will determine appropriate **BMPs** to satisfy each of the six minimum control measures through an evaluative process. The **USEPA** envisions application of the **MEP** standard as an iterative process.

“**MPCA**” means the Minnesota Pollution Control Agency.

“**MS4**” means a **Municipal Separate Storm Sewer System**.

“**Municipal Separate Storm Sewer System**” means a conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels, or storm drains):

1. Owned or operated by a state, city, town, borough, county, parish, district, association, or other public body (created by or pursuant to state law) having jurisdiction over disposal of sewage, industrial wastes, **Storm Water**, or other wastes, including special districts under state law such as a sewer district, flood control district or drainage district, or similar entity, or an Indian tribe or an authorized Indian tribal organization, or a designated and approved management Agency under section 208 of the CWA (33 U.S.C. § 1288) that discharges to waters of the United States;
2. Designed or used for collecting or conveying **Storm Water**;
3. Which is not a combined sewer; and
4. Which is not part of a Publicly Owned Treatment Works (POTW) as defined at 40 CFR § 122.2.

“**New Development**” means construction activities that create new impervious surface.

“**New Discharge**” For all waters that are not outstanding resource value waters **New Discharge** means a discharge that was not in existence before January 1, 1988. For outstanding resource value waters **New Discharge** means a discharge that was not in existence on the effective date the outstanding resource value water was designated as described in Minn. R. 7050.0460 and 7050.0470.

“**Newspaper**” means a publication containing news of general interest in the vicinity of the **MS4**. It can include other publications if the distribution includes the general population of potentially interested parties.

“**Notice of Intent**” as referenced in the **USEPA** documents is synonymous with the term “permit application” for the purposes of this permit.

“**Other Regulatory Mechanism**” means any legally enforceable document, such as a contract or other agreement that has penalties such as withholding payments, fines or other measures to prevent non compliance.

“**Operator**” means the **Person** with primary operational control and legal responsibility for the **Municipal Separate Storm Sewer System**.

“**Outfall**” means the point source where a **Municipal Separate Storm Sewer System** discharges from a pipe, ditch, or other discrete conveyance to receiving waters, or to other **Municipal Separate Storm Sewer Systems**. It does not include diffuse runoff or conveyances which connect segments of the same stream or water systems.

“**Owner**” means the **Person** that owns the **Municipal Separate Storm Sewer System**.

“**Person**” means the state or any agency or institution thereof, any municipality, governmental subdivision, public or private corporation, individual, partnership, or other entity, including, but not limited to, association, commission or any interstate body, and includes any officer or governing or managing body of any municipality, governmental subdivision, or public or private corporation, or other entity.

“**Physical Alteration**” except as used in Part VII.M, means the dredging, filling, draining, or permanent inundating of a **Wetland**. Restoring a degraded **Wetland** by reestablishing its hydrology is not a **Physical Alteration**.

“**Rebuttable Presumption**” is a presumption that may be rebutted by the evidence.

“**Record of Decision**” means a record of the comments and the permittee’s response to comments where such record is required in this permit.

“**Redevelopment**” refers to alterations of a property that change the “footprint” of a site or building in such a way that results in the disturbance of equal to or greater than one (1) acre of land. The term is not intended to include such activities as exterior remodeling, which would not be expected to cause adverse **Storm Water** quality impacts and offer no new opportunity for **Storm Water** controls.

“**Reduce**” means **Reduce** to the “**Maximum Extent Practicable**” unless otherwise defined in the context in which it is used.

“**Regulated MS4**” means an **MS4** that is regulated pursuant to 40 CFR § 122.32(a)(1), or an **MS4s** that is designated for coverage by the **Commissioner**.

“**Selected MS4**” means **MS4s** listed in Part XI (Appendix E).

“**Small Municipal Separate Storm Sewer System**” means all separate storm sewers that are:

1. Owned or operated by the United States, a state, city, town, borough, county, parish, district, association, or other public body (created by or pursuant to state law) having jurisdiction over disposal of sewage, industrial wastes, **Storm Water**, or other wastes, including special districts under state law such as a sewer district, flood control district or drainage district, or similar entity, or an Indian tribe or an authorized Indian tribal organization, or a designated and approved management agency under section 208 of the CWA that discharges to waters of the United States.
2. Not defined as “large” or “medium” **Municipal Separate Storm Sewer Systems** pursuant to 40 CFR §122.26 paragraphs (b)(4) and (b)(7) or designated under paragraph (a)(1)(v).
3. This term includes systems similar to separate storm sewer systems in municipalities, such as systems at military bases, large hospital or prison complexes, and highways and other thoroughfares. The term does not include separate storm sewers in very discrete areas, such as individual buildings.

“**Small MS4**” means a **Small Municipal Separate Storm Sewer System**.

“**Storm Water**” means **Storm Water** runoff, snowmelt runoff, surface runoff and drainage.

“**Storm Water Pollution Prevention Program**” or “**SWPPP**” is a compilation of **BMPs** to address the six minimum control measures and other provisions of the **MS4** permit, that is designed and managed to **Reduce** the discharge of pollutants from your **MS4** to the **Maximum Extent Practicable** as appropriate to your community.

“**Total Maximum Daily Load**” or “**TMDL**” is the process established by the **USEPA** for the allocation of pollutant loads, including **Storm Water**, to a particular water body or reach of a water body.

“**USEPA**” or “**EPA**” means the U.S. Environmental Protection Agency.

“**Waters of the State**” means all streams, lakes, ponds, marshes, watercourses, waterways, wells, springs, reservoirs, aquifers, irrigation systems, drainage systems and all other bodies or accumulations of water, surface or underground, natural or artificial, public or private, which are contained within, flow through, or border upon the state or any portion thereof.

“**Wetlands**” are those areas that are inundated or saturated by surface water or groundwater at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. **Wetlands** generally include swamps, marshes, bogs, and similar areas. Constructed **Wetlands** designed for wastewater treatment are not **Waters of the State**. **Wetlands** must have the following attributes:

1. A predominance of hydric soils;
2. Inundated or saturated by surface water or groundwater at a frequency and duration sufficient to support a prevalence of hydrophytic vegetation typically adapted for life in a saturated soil condition; and
3. Under normal circumstances support a prevalence of such vegetation.

“You” means the **Owner, Operator** or permittee as appropriate.

PART IX. APPENDIX C: LIMITATIONS ON COVERAGE

Contents of Appendix C:

- A. *Discharges to Waters With Prohibited Discharges (pages 25-26)*
- B. *Discharges to Waters With Restricted Discharges (pages 26-28)*
- C. *Discharges to Trout Waters (page 28)*
- D. *Discharges to Wetlands (page 28)*
- E. *Discharges Requiring Environmental Review (page 28)*
- F. *Discharges Affecting Threatened or Endangered Species or Their Habitat (page 29)*
- G. *Discharges Affecting Historic or Archeological Sites (page 29)*
- H. *Discharges Affecting Source Water Protection Areas (page 29)*

This part describes more stringent requirements for discharges that meet the following specified criteria, A through H. Whenever two or more requirements, restrictions, or prohibitions apply, both or all must be met. Whenever two or more requirements, restrictions or prohibitions conflict, the more restrictive conditions must be met.

- A. **Discharges to Waters with Prohibited Discharges** (*Minn. R. 7050.0180, subp. 3, 4 and 5*). This permit does not authorize **New or Expanded Discharges** to waters, or discharges adversely impacting waters, where the applicable water quality standards prohibit **New or Expanded Discharges** as described in Minn. R. 7050.0180, subp. 3, 4, and 5 unless the following requirements are met:
 - 1. **List.** You must identify as part of your application for permit the Waters with Prohibited Discharges to which your **MS4** discharges. The list must be included with your application, to be submitted within 90 days after the permit effective date on page 1 of this permit or for **Designated MS4s** in accordance with Part IV.B.
 - 2. **Map.** You must mark on U.S.G.S. watershed or topographic maps of 1:24,000 scale or better at minimum the DNR minor subwatersheds in your jurisdiction that discharge in whole or in part to Waters with Prohibited Discharges. You must provide a narrative estimate of the percent impervious surface based on current land use, the percent expected future impervious surface based on zoning or comprehensive plans, and other information that may significantly affect your runoff to the listed waters. The map must be included with your application, to be submitted within 90 days after the permit

effective date on page 1 of this permit or for **Designated MS4s** in accordance with Part IV.B.

3. **Assessment.** You must then assess how your **Storm Water Pollution Prevention Program** can be reasonably modified to eliminate **New or Expanded Discharges** to Waters with Prohibited Discharges. This assessment must be developed for **New or Expanded Discharges** created from 1988 until the year 2020. You must present this assessment, together with your proposed changes to your **Storm Water Pollution Prevention Program**, for public comment during the annual public comment period required in the permit, prior to your first annual report (see Part VI.D) or prior to the schedule in Appendix E for **Selected MS4s**.
 4. **Assessment Submittal.** You must submit the assessment from Part IX.A.3 above, including your response to any public comments and proposed changes to your **Storm Water Pollution Prevention Program**, (a) with your first annual report, (b) on another later date if established for your **MS4** by the **Commissioner**, or (c) in accordance with the schedule in Appendix E for **Selected MS4s**. The assessment will be reviewed by the **Commissioner**, who will provide opportunity for public input and hearing prior to denial or approval of your proposed **Storm Water Pollution Prevention Program**. The **MPCA** reserves the right to incorporate as much available information as possible in the decision making process, including the right to independently develop and evaluate potential alternatives to the discharge.
 5. **Implementation.** You must implement your approved plan, including all approved **BMPs**, in accordance with the schedule in the approved **Storm Water Pollution Prevention Program**.
- B. Discharges to Waters with Restricted Discharges** (*Minn. R. 7050.0180, subp. 6, 6a, and 6b*). This permit does not authorize **New or Expanded Discharges** to waters where the applicable water quality standards restrict **New or Expanded Discharges**, unless such discharges are in accordance with Minn. R. 7050.0180, subpart 6, 6a, and 6b, and other applicable rules, and the following requirements. For **MS4s** that have discharges to outstanding resource value waters listed in Minn. R. 7050.0180, subp. 6, 6a or 6b (listed waters, or Waters with Restricted Discharges), the **MPCA** makes a **Rebuttable Presumption** that those **MS4s** have or will create a **New or Expanded Discharge** to a listed water. The following requirements create a schedule to bring discharges to listed waters into compliance:
1. In order to allow a **New or Expanded Discharge** to Waters with Restricted Discharges, the **MPCA** must determine that there are no prudent and feasible alternatives to the **New or Expanded Discharge**. The determination will be based on your demonstration. This demonstration should include, but is not limited to developing a plan to address prudent and feasible alternatives to the discharge. If **You** intend to argue that there are no prudent and feasible

alternatives to the discharge to these waters, **You** must develop a plan to restrict the discharge to the extent necessary to preserve the existing high quality, or to preserve the wilderness, scientific, recreational, or other special characteristics that make the listed water an outstanding resource value water.

2. Here are the specific actions **You** must take:
 - a. **List.** **You** must identify as part of your application for permit the waters with restricted discharges to which your **MS4** discharges. The list must be included with your application, to be submitted within 90 days after the permit effective date on page 1 of this permit or for **Designated MS4s** in accordance with Part IV.B.
 - b. **Map.** **You** must mark on U.S.G.S. watershed or topographic maps of 1:24,000 scale or better at minimum the DNR minor subwatersheds in your jurisdiction that discharge in whole or in part to waters with restricted discharges. **You** must provide a narrative estimate of the percent impervious surface based on current land use, the percent of future expected impervious surface based on zoning or comprehensive plans, and other information that may significantly affect your runoff to the listed waters. **You** must submit this map with your application within 90 days after the permit effective date on page 1 of this permit or other later date if established by the **Commissioner**.
 - c. **Assessment.** **You** must then assess how your **Storm Water Pollution Prevention Program** can be reasonably altered to eliminate **New or Expanded Discharges** to waters with restricted discharges. This assessment must be developed for **New or Expanded Discharges** produced from 1988 until the year 2020. Where **You** intend to argue that there are no prudent and feasible alternatives to **New or Expanded Discharges** to these waters, **You** must propose measures **You** will implement to restrict the discharge to the extent necessary to preserve the existing high quality, or to preserve the wilderness, scientific, recreational, or other special characteristics that make the listed waters outstanding resource value waters. Measures that can be proposed include ordinances and zoning changes or other **BMPs**. **You** must present this assessment, together with your proposed changes to your **Storm Water Pollution Prevention Program**, for public comment during the annual public comment period required in the permit, prior to your first annual report (see Part VI.D) or prior to the schedule in Appendix E for **Selected MS4s**.
 - d. **Assessment Submittal.** **You** must submit the assessment from Part IX.B.2.c above, and your response to any public comments, with your plan and proposed changes to your **Storm Water Pollution Prevention Program** and submit it with your first annual report, or on another later date if established for your **MS4** by the **Commissioner**, or according to the schedule in Appendix E for **Selected MS4s**. The plan and proposed changes to the **Storm Water Pollution Prevention Program** will be reviewed by the **Commissioner**, who will provide opportunity for public input and hearing pursuant to Minn. R. ch. 7001 prior to denial or approval of your proposed **Storm Water Pollution Prevention**

Program modifications. The **MPCA** reserves the right to incorporate as much available information as possible in the decision making process, including the right to independently develop and evaluate potential prudent and feasible alternatives to the discharge.

- e. **Implementation.** You must implement your approved **Storm Water Pollution Prevention Program**, including all **BMPs** in accordance with the schedule described in the approved **Storm Water Pollution Prevention Program**.

C. Discharges Adversely Impacting Trout Waters (*Minn. R. 6264.0050 subp. 2 and 4*). The following requirements apply to Trout Waters listed in Minn. R. 6264.0050, subp. 2 and 4:

1. This permit does not authorize **New or Expanded Discharges** adversely impacting Trout Waters unless, at minimum, **You** establish administrative procedures or other measures to assure that **You** make the following determinations and document the basis for your decision:
 - a. That there is no feasible and prudent alternative to the proposed discharge; and
 - b. All prudent and feasible measures needed to avoid or **Reduce** impacts to Trout Waters, and to preserve the existing high quality of the water will be implemented (see Part IX.C.2 below).
2. If the discharge cannot be avoided, **You** must consider measures to protect water quality and prevent temperature increases. Acceptable measures include reduce the impervious surfaces, diversion away from the stream and use of filter strips, infiltration, biofiltration, or enhanced grass swales to treat runoff before discharge to the Trout Water. Innovative alternatives to ponds are specifically encouraged for Trout Water discharges if they provide equivalent treatment.

D. Discharges to Wetlands (*Minn. R. 7050.0130, subp. F; also 7050.0186*). This permit does not authorize **Physical Alterations** to **Wetlands**, or other discharge adversely affecting **Wetlands**, if the alteration will have a significant adverse impact to the designated uses of a **Wetland**. Any **Physical Alterations** to **Wetlands** that will cause a potential for a significant adverse impact to a designated use must be implemented in accordance with the avoidance, minimization and mitigation requirements of Minn. R. 7050.0186 and other applicable rules.

E. Discharges Requiring Environmental Review (*Minn. Stat. ch. 116D, and 42 U.S.C. §§ 4321 – 4370 f*). This permit does not replace or satisfy any environmental review requirements, including those under the Minnesota Environmental Policy Act (Minn. Stat. ch. 116D), the National Environmental Policy Act (42 U.S.C. §§ 4321 – 4370 f), and rules implementing those laws. Any environmental review required of **You** by law, including preparation of environmental review documents such as environmental assessment worksheets, environmental impact statements, or environmental assessments, must be completed in accordance with those requirements.

- F. Discharges Affecting Threatened or Endangered Species.** This permit does not replace or satisfy any review requirements for Threatened or Endangered Species, from discharges whose direct, indirect, interrelated, interconnected, or independent impacts would jeopardize a listed Threatened or Endangered Species or adversely modify a designated critical habitat. For any project resulting in a discharge having the potential to adversely impact Threatened or Endangered species, or their critical habitat, **You** must conduct your required review and coordination with appropriate agencies in accordance with those requirements.
- G. Discharges Affecting Historic or Archeological Sites.** This permit does not replace or satisfy any review requirements for Historic or Archeological Sites from discharges which adversely affect properties listed or eligible for listing in the National Register of Historic Places or adversely affecting known or discovered archeological sites. For any project resulting in a discharge having the potential to adversely impact Historic or Archeological Sites, including significant anthropological sites and any burial sites, **You** must conduct your required review and coordination with the Minnesota State Historic Preservation Officer or other appropriate agencies in accordance with those requirements.
- H. Discharges Affecting Source Water Protection Areas** (*Minn. R. 4720.5100 – 4720.5590*). **You** shall incorporate **BMPs** into your **Storm Water Pollution Prevention Program** to protect any of the following drinking water sources that your **MS4** discharge may affect, and **You** shall include the map of these sources with the **Storm Water Pollution Prevention Program** if they have been mapped:
1. Wells and source waters for drinking water supply management areas identified as vulnerable under Minn. R. 4720.5205, 4720.5210, and 4720.5330, and
 2. Source water protection areas for surface intakes identified in the source water assessments conducted by or for the Minnesota Department of Health under the federal Safe Drinking Water Act, U.S.C. §§ 300j – 13.

PART X. APPENDIX D: NONDEGRADATION FOR SELECTED MS4s

The requirements of this section apply only to **MS4s** called **Selected MS4s** as described in Part XI (Appendix E). Certain **MS4s** have been selected to perform the requirements of this part because their size and growth may be closely correlated with increased **Storm Water** flows and pollutant loading. Nondegradation review applies to all significant **New or Expanded Discharges** to all waters but does not negate the applicable requirements for outstanding resource value waters, requirements for special classes of waters, other requirements in Appendix C or the general requirements of the permit.

A. Selected MS4s

The basic requirement for all **MS4s** regulated under this permit is to develop a **Storm Water Pollution Prevention Program** that meets the requirements of the permit. An additional process is required of a limited number of permittees (30) that are listed in Appendix E. These **Selected MS4s** must submit to the **Commissioner** information described below to determine whether additional control measures beyond those of the permit Parts I through IX can be reasonably taken to minimize the impacts of the discharges. Selection, for purposes of this permit, is described in Appendix E.

B. Loading Assessment

Each **Selected MS4** must assess the change in **Storm Water** discharge loading for its permitted area using a pollutant loading water quality model that, at minimum, addresses changes in Average Annual Flow Volume, Total Suspended Solids, and Phosphorus. This modeling will be based on two time periods: from 1988 (1988-1990) to the present (2000-2005), and from the present to 2020. The **Selected MS4s** must use a simple model, or another more complex model that they find to be more appropriate, that addresses the parameters of concern. This may include a model that the **Selected MS4** has already used. Other assessment methods may be used if they can be shown to be as effective at quantifying the increase in loading as the modeling methods. The models and/or other methods will be used as part of the assessment to develop the Nondegradation Report, to help in selecting appropriate **BMPs** that address nondegradation, to determine whether additional control measures can reasonably be taken to **Reduce** pollutant loading, and for a few **Selected MS4s** that elect to do so, to evaluate the significance of the **New or Expanded Discharge**.

C. Nondegradation Report

Selected MS4s that have significant **New or Expanded Discharges** are required to complete a Nondegradation Report and, upon approval, to incorporate its findings on **BMPs** that address nondegradation into their **Storm Water Pollution Prevention Program**. The **BMPs** shall address changes in pollutant loadings as far as is reasonable and practical through future development. Additionally, the **BMPs** shall address, as far as is reasonable and practical, the negative impacts of increased **Storm Water** discharge volumes that cause increased depth and duration of inundation of **Wetlands** having the potential for a significant adverse impact to a designated use of the **Wetland**, or changes in stream morphology that have the potential for a significant adverse impact to a designated use of the streams.

The Nondegradation Report must include consideration of the Loading Assessment, which must include analysis of flow and may include removal of pollutants by **BMPs** already initiated. For purposes of this **General Permit**, 1988 levels consistently attained means runoff that would have been produced under approximately average conditions of rainfall. **Local Storm Water** management plans and other pertinent factors may also be considered. **BMPs** implemented by other parties may be considered when those **BMPs** affect the **Storm Water** from the area of the **Selected MS4**. If the pollutant loadings cannot be **Reduced** to levels consistently attained in 1988, the Report must describe reasonable and practical **BMPs** that the **Selected MS4** plans to incorporate into a modified **Storm Water Pollution Prevention Program**. The **Selected MS4** must consider alternatives, explain which alternatives have been studied but rejected and why, and propose alternatives that are reasonable and practical. The Report must give high priority to **BMPs** that address impacts of future growth, such as ordinances for **New Development**. Where increases in pollutant loading have already occurred due to past development, the Report must consider retrofit and mitigation options (**BMPs**) that the **Selected MS4** determines to be reasonable, practical and appropriate for the community. The **Selected MS4** is responsible for developing any site specific cost/benefit, social, and environmental information that the **Selected MS4** wishes to bring to the **Agency's** attention. The **Selected MS4** must incorporate the **BMPs** into a modified **Storm Water Pollution Prevention Program** and include an implementation schedule that addresses **New Development** and retrofit **BMPs** it proposes to implement.

D. Public Participation

Prior to submittal to the **MPCA**, the proposed **Storm Water Pollution Prevention Program** modifications to address nondegradation will be public noticed at the local level as required in the permit (Part V.G.1.e). Each **Selected MS4** shall also submit its **Storm Water Pollution Prevention Program** modifications to address nondegradation to the appropriate local water authority (e.g. watershed organizations or county water planning authority) in time to allow for their review and comment. The Nondegradation Report explaining the proposed **BMPs** and the entire **Storm Water Pollution Prevention Program** must be made available to the public and local water authority upon request.

E. Submittals for Selected MS4s

Selected MS4s must submit their proposed changes to the **Storm Water Pollution Prevention Program**, reports addressing nondegradation for all waters (and restricted waters or prohibited waters if applicable), together with other supporting documents, to the **MPCA** in accordance with the schedule in Appendix E. This submittal must include:

1. The Loading Assessment;
2. The Nondegradation Report;
3. The proposed **Storm Water Pollution Prevention Program** modifications to address nondegradation;
4. The public and local water authority comments on the proposed **Storm Water Pollution Prevention Program** modifications to address nondegradation, with a **Record of Decision** on the comments; and

5. An application to modify the permit.

F. MPCA Review

The **MPCA** will review the above submittals in accordance with Minn. R. ch. 7001. After consideration of the Loading Assessment, the Nondegradation Report, public and local water authority comments, the **Record of Decision** by the **Selected MS4**, and other pertinent information, the **MPCA** will make a determination on the preliminary approval of the proposed **Storm Water Pollution Prevention Program**. The role of the **MPCA** during the review process will generally be limited to reviewing the information presented by the **Selected MS4** and comments made by others during the review process. However, the **MPCA** reserves the right to incorporate as much available information as possible in the decision making process, including the right to independently develop and evaluate potential reasonable and practical alternatives.

G. Notice and Preliminary Determination

The **MPCA** will provide statewide public notice and opportunity for hearing on any **MPCA** determination of intent to deny or approve the **Storm Water Pollution Prevention Program** modifications to be implemented under this permit. The **MPCA** will provide public and **MPCA** comments to the **Selected MS4**. The **Selected MS4** will have the opportunity to respond to the comments prior to the **MPCA** making a final determination.

H. Final Determination

The **Commissioner** will make a final determination on the modifications to the **Storm Water Pollution Prevention Program** in accordance with Minn. R. ch. 7001.

I. Implementation of the Approved Storm Water Pollution Prevention Program

Following approval by the **MPCA** (as described in Part X.H above), the approved **Storm Water Pollution Prevention Program** modifications, including any changes required by the **MPCA**, must be implemented by the **Selected MS4** in accordance with the schedule in the approved **Storm Water Pollution Prevention Program** and modifications.

PART XI. APPENDIX E: SELECTED MS4s

This part describes the schedule of submittals of the items listed in Part X (Appendix D), item E to the **MPCA** for review and approval. The **Commissioner** has selected the **MS4s** listed below for further nondegradation review. The selection was based on the population growth experienced by the community during three time periods: from 1990 to 2000, based on census data; from 2000 to 2003, based on projections by the State Demographer and Metropolitan Council; and from 2000 to 2020, also based on the State Demographer and Metropolitan Council projections. The **Commissioner** also considered the size of the community as represented by the 2000 census. The **Commissioner** may also determine that additional **MS4s** be selected based on the same factors, or other factors in accordance with Minn. R. ch. 7001 and other applicable rules.

The following **Selected MS4s** shall submit the items listed in Part X (Appendix D), item E, to the **MPCA** for review and approval, postmarked on or before the listed dates.

	Selected MS4	Submittal date
1	Rochester	15 months after the effective date of the Permit
2	Woodbury	15 months after the effective date of the Permit
3	Maple Grove	15 months after the effective date of the Permit
4	Lakeville	15 months after the effective date of the Permit
5	Eden Prairie	15 months after the effective date of the Permit
6	Eagan	16 months after the effective date of the Permit
7	Plymouth	16 months after the effective date of the Permit
8	Blaine	16 months after the effective date of the Permit
9	Bloomington	16 months after the effective date of the Permit
10	Duluth	16 months after the effective date of the Permit
11	Brooklyn Park	17 months after the effective date of the Permit
12	Shakopee	17 months after the effective date of the Permit
13	Apple Valley	17 months after the effective date of the Permit
14	St. Cloud	17 months after the effective date of the Permit
15	Burnsville	17 months after the effective date of the Permit
16	Prior Lake	18 months after the effective date of the Permit
17	Maplewood	18 months after the effective date of the Permit
18	Coon Rapids	18 months after the effective date of the Permit
19	Andover	18 months after the effective date of the Permit
20	Elk River	18 months after the effective date of the Permit
21	Savage	19 months after the effective date of the Permit
22	Farmington	19 months after the effective date of the Permit
23	St. Louis Park	19 months after the effective date of the Permit
24	Edina	19 months after the effective date of the Permit
25	Mnettonka	19 months after the effective date of the Permit
26	Chanhassen	20 months after the effective date of the Permit
27	Chaska	20 months after the effective date of the Permit
28	Inver Grove Heights	20 months after the effective date of the Permit
29	Rosemount	20 months after the effective date of the Permit
30	Cottage Grove	20 months after the effective date of the Permit

BMP Summary Sheet

MS4 Name: Benton County

Minimum Control Measure: 1-PUBLIC EDUCATION AND OUTREACH

Unique BMP Identification Number: 1a-1

***BMP Title:** Distribute Educational Materials

***BMP Description:**

Permit reference V.G.1.a -

To distribute an education booklet that would consist of the Authorities of the Minnesota Pollution Control Agency, contacts regarding the MS4 Program, Descriptions and Maps of Storm Water Systems under operation of Benton County and impacts of storm water on our environment..

Responsible Agencies having MS4 Education Booklets booklets available.

Audience: General Public

Types of material to be distributed: A 5 page booklet.

We will have displays at our government offices and develop a mailing list of appropriate persons.

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

***Measurable Goals:**

Milestones: General public awareness and understanding of the storm water issues and volunteer opportunities.

We will make 100 booklets, set them out at various locations and count periodically to see how many were taken..

A baseline of 10 booklets per year to be taken and anything above 10 will be defined as a success.

***Timeline/Implementation Schedule:**

Started in 2003 and it would be an ongoing process.

Specific Components and Notes:

***Responsible Party for this BMP:**

Name: Gerald Hovde

Department: Benton County Hwy Dept

Phone: 320 968-5051

E-mail: ghovde@co.benton.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: Benton County

Minimum Control Measure: PUBLIC EDUCATION AND OUTREACH

Unique BMP Identification Number: 1b-1

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

***BMP Description:**

Permit Reference V.G.1.b - Annual Newsletter - A annual newsletter we be distributed to responsible governmental agencies, and will develop a list of appropriate persons. Which will include information regarding volunteer oppurtunities, proper lawn care practices, recycling, phone numbers to report illicit discharges or construction site ESC violations, and other stormwater educational material. Additional resources from outside entities will be used whenever possible.

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

***Measurable Goals:**

1. Number of educational stormwater articles.

2. Number of newsletters that are taken. We will start at a baseline of 15 per year to be taken. Anything above 15 will be considered a success.

***Timeline/Implementation Schedule:**

Estimate completion of plan by end of 2006.

Specific Components and Notes:

***Responsible Party for this BMP:**

Name: Gerald Hovde

Department: Benton County Hwy Dept.

Phone: 320 968-5051

E-mail: ghovde@co.benton.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: Benton County

Minimum Control Measure: PUBLIC EDUCATION AND OUTREACH

Unique BMP Identification Number: 1c-1

***BMP Title:** Education Program: Public Education and Outreach

***Audience(s) Involved:**

Permit Reference V.G.1.c - Public Hearing attendees, Service Group Members, Boy Scouts, Local Law Enforcement Agencies

***Educational Goals for Each Audience:**

The goals for all the above audiences would be for individuals to take this seriously, read and review the prepared education material; and further more receive feed-back regarding points of interests, improvements and perceived notices of violation.

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

Public hearings, and Annual Newsletters, Informational Booklets for reading.

***Activity Implementation Plan:**

Public Hearings- 30 day Public Notice that is advertised in the appropriate newspapers.

Annual Newsletter - Completed each year and made a available to public.

Information Booklets - Already completed and are available to the public.

***Performance Measures:**

Number of broc.

***Responsible Party for this BMP:**

Name: Gerald Hovde

Department: Benton County Hwy. Dept.

Phone: 320 968-5051

E-mail: ghovde@co.benton.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: Benton County

Minimum Control Measure: PUBLIC EDUCATION AND OUTREACH

Unique BMP Identification Number: 1c-2

***BMP Title:** Education Program: Public Participation

***Audience(s) Involved:**

Permit Reference V.G.1.c - Public hearing attendees, Service Group members, Boy Scouts, Local Law Enforcement

***Educational Goals for Each Audience:**

To actually receive some comments, reports of any type of violation or perceived violations and questions.

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

30-Day public notice for annual storm water meeting.

***Activity Implementation Plan:**

Annually post 30-day public notice for storm water public meeting in local newspapers..

***Performance Measures:**

Completed public notice requirement

Number of locations notices posted.

***Responsible Party for this BMP:**

Name: Gerald Hovde

Department: Highway Department

Phone: 320 968-5051

E-mail: ghovde@co.benton.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: Benton County

Minimum Control Measure: PUBLIC EDUCATION AND OUTREACH

Unique BMP Identification Number: 1c-3

***BMP Title:** Education Program: Illicit Discharge Detection and Elimination

***Audience(s) Involved:**

Contractors, Developers, Businesses, Homeowners.

***Educational Goals for Each Audience:**

Provide the public with alternative lawn care and individual storm water BMP information to increase awareness and knowledge..

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

To develop a storm water brochure that contains educational material for proper lawn care practices and awareness of storm water issues.

***Activity Implementation Plan:**

Brochures will be distributed annually and available at Benton County Buildings. Brochures will be developed and distributed by June 2007.

***Performance Measures:**

Number of storm water brochures distributed and available.

***Responsible Party for this BMP:**

Name: Gerald Hovde

Department: Benton County Highway Department

Phone: 320 968-50511

E-mail: ghovde@co.benton.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: Benton County

Minimum Control Measure: PUBLIC EDUCATION AND OUTREACH

Unique BMP Identification Number: 1c-4

***BMP Title:** Education Program: Construction Site Run-off Control

***Audience(s) Involved:**

Contractors, Developers, land-owners

***Educational Goals for Each Audience:**

Inform of MPCA-NPDES permit. Use of NPDES BMPs. Additional certified people on projects.

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

Develop bulletin specifically for Construction Site Run-off Control. Distribute bulletin to targeted audience.

***Activity Implementation Plan:**

Prepare plan details and monitor performance. To be developed by June 2007

***Performance Measures:**

Monitor distribution and feed-back; record events and responses to measure success.

***Responsible Party for this BMP:**

Name: Gerald Hovde

Department: Highway Department

Phone: 320 968-5051

E-mail: ghovde@co.benton.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: Benton County

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:**

Developers, land-owners

***Educational Goals for Each Audience:**

Make developers and land-owners aware that stormwater must be managed and run-off must be controlled as a result of change of land use or development.

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

Make this type of management a part of plat development, or if not a plat include stormwater run-off control a part of the permitting process.

***Activity Implementation Plan:**

Develop points of interest and requirements relative to this BMP and work with other permitting agencies to implement. Will be developed in 2007.

***Performance Measures:**

Monitor results by reviewing finished plats and projects to see that post-construction water is managed.

***Responsible Party for this BMP:**

Name: Gerald Hovde

Department: Highway Department

Phone: 320 968-5051

E-mail: ghovde@co.benton.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: Benton 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:**

Highway Department, Department of Development

***Educational Goals for Each Audience:**

Highway Department and Department of Development to learn greater detail of permits requirements and means to meet the requirements of the permit.

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

Understanding details of permit and development of BMPs.

***Activity Implementation Plan:**

To perform work to meet requirements of permit and development of BMPs. This will be an on going process starting in 2006.

***Performance Measures:**

Performance will be measured by compiling record of all happenings.

***Responsible Party for this BMP:**

Name: Gerald Hovde

Department: Highway Department

Phone: 320 968-5051

E-mail: ghovde@co.benton.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: Benton County

Minimum Control Measure: PUBLIC EDUCATION AND OUTREACH

Unique BMP Identification Number: 1d-1

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

***BMP Description:**

Coordinating Education Program with other cities of overlapping responsibility for MS4s, Soil & Water Conservation Service, Department of Development, Wetlands RGUs.

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

***Measurable Goals:**

Documentation of coordination with other agencies by maintaining good housekeeping procedures.

***Timeline/Implementation Schedule:**

Beginning immediately and continue indefinitely.

Specific Components and Notes:

Other agencies may include City of Sauk Rapids, City of Sartell, Minden Township, Benton County Soil & Water Conservation District.

***Responsible Party for this BMP:**

Name: Gerald Hovde

Department: Highway Department

Phone: 320 968-5051

E-mail: ghovde@co.benton.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: Benton County

Minimum Control Measure: PUBLIC EDUCATION AND OUTREACH

Unique BMP Identification Number: 1e-1

***BMP Title:** Annual Public Meeting

***BMP Description:**

Advertising for and conducting a public meeting at least once each year, for the purpose of discussing the SWPPP.

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

***Measurable Goals:**

Act of conducting public meetings and documentation of the same.

***Timeline/Implementation Schedule:**

Annually, began in 2004.

Specific Components and Notes:

Publication of Notice, Conduction of Public Hearing, Recording & filing of minutes.

***Responsible Party for this BMP:**

Name: Gerald Hovde

Department: Highway Department

Phone: 320 968-5051

E-mail: ghovde@co.benton.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: Benton County

Minimum Control Measure: 2-PUBLIC PARTICIPATION/INVOLVEMENT

Unique BMP Identification Number: 2a-1

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

***BMP Description:**

Advertise or publish a public notice 30 days prior for the purpose of the public annual meeting (or hearing).

Our department will have a representative present at the meeting and all comments will be recorded.

Comments can be verbal, written, or electronically sent to our office.

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

***Measurable Goals:**

Affidavit of Publication showing actual dates of publication.

The baseline will be established at 1 per year. If it succeeds 1 it will considered a success.

***Timeline/Implementation Schedule:**

Comments will be taken until 7 days after hearing which will be reviewed within 3 days after being received. After comments have been reviewed a response will be made in 3 days.

January of each year will be a time where we will review and modify our SWPPP if necessary.

Specific Components and Notes:

Public Notice and Affidavit of publication.

***Responsible Party for this BMP:**

Name: Gerald Hovde

Department: Highway

Phone: 320 968-5051

E-mail: ghovde@co.benton.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: Benton County

Minimum Control Measure: 2-PUBLIC PARTICIPATION/INVOLVEMENT

Unique BMP Identification Number: 2b-1

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

***BMP Description:**

Provide for public comment by oral at public hearing or by written comments. On our information literature we will have contacts in our office for comment. We also have comment brochures located in Benton County Offices all available to the general public. At public meetings, oral comments will be recorded and written comments will be accepted at the hearings. We have comment box's located in Benton County Offices that are checked monthly for comments.

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

***Measurable Goals:**

We would like to see at least 1 comment per public hearing and 3 comments annually.

***Timeline/Implementation Schedule:**

We will accept comments anytime they are available. The comments will be reviewed within 7 days of being received. Updates to our SWPPP we be made annually or as needed , began in 2004.

Specific Components and Notes:

Have received very little interest; possibly due to the fact that Benton County overlaps City systems and Benton County's systems are very minimal pieces of infrastructure.

***Responsible Party for this BMP:**

Name: Gerald Hovde

Department: Highway

Phone: 320 968-5051

E-mail: ghovde@co.benton.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: Benton County

Minimum Control Measure: 2-PUBLIC PARTICIPATION/INVOLVEMENT

Unique BMP Identification Number: 2c-1

***BMP Title:** Consider Public Input

***BMP Description:**

Public input (oral and written) will be reviewed by the Project Administrator and consider the relevancy of each comment. If the Project Administrator decides the the comment is relevant it will be incorporated into the SWPPP.

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

***Measurable Goals:**

We hope to have 1 relevant comment per year to have an updated SWPPP.

***Timeline/Implementation Schedule:**

We will accept comments anytime they are available. The comments will be reviewed within 7 days of being received. Updates to our SWPPP we be made annually or as needed , began in 2004.

Specific Components and Notes:

***Responsible Party for this BMP:**

Name: Gerald Hovde

Department: Highway

Phone: 320 968-5051

E-mail: ghovde@co.benton.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: Benton County

Minimum Control Measure: 3-ILLICIT DISCHARGE DETECTION AND
ELIMINATION

Unique BMP Identification Number: 3a-1

***BMP Title:** Storm Sewer System Map

***BMP Description:**

Storm Systems Under Operation of Benton County Map. We have this map in our information booklet about MS4. We have this ready for distribution to the general public and Benton County Offices.

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

***Measurable Goals:**

To create a high quality detailed map of Benton County Storm Systems. Currently we have a map of our storm systems on Benton Count's Website. We will make improvements on this map and make it eventually interactive when Benton County's GIS gets online.

***Timeline/Implementation Schedule:**

Immediately and updated on an ongoing basis and will be evaluated on effectiveness annually.

Specific Components and Notes:

Map are currently located in MS4 handbook.

***Responsible Party for this BMP:**

Name: Gerald Hovde

Department: Highway

Phone: 320 968-5051

E-mail: ghovde@co.benton.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: Benton County

Minimum Control Measure: 3-ILLICIT DISCHARGE DETECTION AND ELIMINATION

Unique BMP Identification Number: 3b-1

***BMP Title:** Regulatory Control Program

***BMP Description:**

Program for monitoring and enforcement of illicit discharge. We will start a draft ordinance and eventually adopt an ordinance in order to enforce and access penalties for illicit discharge. This will be targeting the general public so they are aware of the consequences.

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

***Measurable Goals:**

Pass an ordinance to enforce and access penalties for illicit discharge. We presently have no ordinance to control illicit discharge so our goal would be to have an ordinance. Secondly, we would like to see a decrease in illicit discharge, and eventually as close to elimination as possible.

***Timeline/Implementation Schedule:**

Ordinance for Illicit Discharge and Elimination - December 2007

Specific Components and Notes:

***Responsible Party for this BMP:**

Name: Gerald Hovde

Department: Highway Department

Phone: 320 968-5051

E-mail: ghovde@co.benton.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: Benton 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:**

We will accomplish this by continually educating the public by public hearings, booklets, and brochures. We will develop packets that will accompany any correspondence that the general public has with the county to educate the public who will detect and eventually eliminate illicit discharge.

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

***Measurable Goals:**

Completion of information brochures and develop a packet to accompany any correspondence that the general public has with the county. We will document how many packets are sent out each year and record. We will start a baseline of 20 packets per year. .

***Timeline/Implementation Schedule:**

We will have the packets together by December 2007 and will be evaluated annually.

Specific Components and Notes:

***Responsible Party for this BMP:**

Name: Gerald Hovde

Department: Highway

Phone: 320 968-5051

E-mail: ghovde@co.benton.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: Benton County

Minimum Control Measure: 3-ILLICIT DISCHARGE DETECTION AND ELIMINATION

Unique BMP Identification Number: 3d-1

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

***BMP Description:**

We will educate the public and employees by public hearings, booklets, and brochures that contain information on Illicit Discharge Detection and Elimination. We will develop packets that will accompany any correspondence that the general public has with the county and will also be available to employees.

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

***Measurable Goals:**

Completion on information brochures and develop a packet to accompany any correspondence that the general public has with the county. We will document how many packets are sent out each year and record. We will start a baseline of 20 packets per year.

***Timeline/Implementation Schedule:**

We will have the packets together by December 2007 and will be evaluated annually.

Specific Components and Notes:

***Responsible Party for this BMP:**

Name: Gerald Hovde

Department: Highway

Phone: 320 968-5051

E-mail: ghovde@co.benton.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: Benton County

Minimum Control Measure: 3-ILLICIT DISCHARGE DETECTION AND
ELIMINATION

Unique BMP Identification Number: 3e-1

***BMP Title:** Identification of Non Stormwater Discharges and Flows

***BMP Description:**

Public awareness of non-stormwater discharges and flows, to be able to recognize and possibly identify non-stormwater discharges and flows. We will develop a brochure that will educate both public and employees and will distribute where needed.

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

***Measurable Goals:**

For the public and employees to be aware of Non Stormwater Discharges and Flows. We will establish a baseline for feedback and comments at 1 and anything greater will be considered a success.

***Timeline/Implementation Schedule:**

We will have the brochures together by December 2007 and will be evaluated annually.

Specific Components and Notes:

Public notice of issues. Preparation of brochure for this BMP. Distribution of Brochure. Public education regarding this issue. Identification of possible non-stormwater discharges.

***Responsible Party for this BMP:**

Name: Gerald Hovde

Department: Highway

Phone: 320 968-5051

E-mail: ghovde@co.benton.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: Benton 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:**

Develop and adopt an ordinance or other regulatory mechanism for construction site stormwater runoff control. The audience that this would be applied to would be certain governmental agencies, construction company's, and all related buisness's. Inplace guidelines are controlled by Benton County Department of Development. Benton County has Sewer and Solid waste guidelines available on the Benton County Website. The areas for concern are wetlands, bodies of water, and anywhere where soil has been disturbed over 1 acre.

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

***Measurable Goals:**

To develop a specific ordinance concerning construction site stormwater runoff. Right now we have no ordinance for storm water specifically, so right now our base line is nothing and when we complete it we will have a starting point. Our ordinance will be no less than those requirements that are set forth in the National Pollutant Discharge Elimination System.

***Timeline/Implementation Schedule:**

We will have ordinance by December 2007 and will be evaluated annually.

Specific Components and Notes:

Draft ordinance.
Review by County Attorney.
Final ordinance document.
Adoption of ordinance by proper authority.

***Responsible Party for this BMP:**

Name: Gerald Hovde
Department: Highway
Phone: 320 968-5051
E-mail: ghovde@co.benton.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: Benton County

Minimum Control Measure: 4-CONSTRUCTION SITE STORMWATER RUNOFF CONTROL

Unique BMP Identification Number: 4b-1

***BMP Title:** Construction Site Implementation of Erosion and Sediment Control BMPs

***BMP Description:**

The County will have listed minimum erosion and sedimentation control BMP requirements within the ordinance language. The BMP's will be reviewed by the County during the plan review process and discussed at the grading pre-construction meeting.

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

***Measurable Goals:**

Develop an ordinance with a list of minimum ESC BMP's for construction activity and amend as necessary. Once it is completed, provide the contractor with a list of required BMP's.

***Timeline/Implementation Schedule:**

Develop an Ordinance with a list of minimum ESC and BMP's - December 2007
Update Annually or as needed.

Specific Components and Notes:

Erosion Control Silt Fence
Rock Construction Entrance
Inlet Protection Devices
Street Sweeping
etc.

***Responsible Party for this BMP:**

Name: Gerald Hovde
Department: Highway
Phone: 320 968-5054
E-mail: ghovde@co.benton.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: Benton County

Minimum Control Measure: 4-CONSTRUCTION SITE STORMWATER RUNOFF CONTROL

Unique BMP Identification Number: 4c-1

***BMP Title:** Waste Controls for Construction Site Operators

***BMP Description:**

Monitor and direct proper disposal of waste materials etc. at construction sites . The County will also use the tools that will be in the County Ordinance to enforce them. This will generally apply to all contractors doing work in Benton County. This will be more than likely be a verbal discussion with a county representative that will document any feedback. This will cover the area that is defined in the NPDES II program.

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

***Measurable Goals:**

Develop a complete list of responsible construction site management guidelines. Implement the ordinance that will contain this list.

***Timeline/Implementation Schedule:**

We will have a list of responsible construction site management guidelines by December 2007. The guidelines will be reviewed and updated annually.

Specific Components and Notes:

Construction wastes defined, such as concrete truck washout, chemicals, and building materials.
Inspection Procedures
Penalties for Non Compliance

***Responsible Party for this BMP:**

Name: Gerald Hovde
Department: Highway
Phone: 320 968-5051
E-mail: ghovde@co.benton.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: Benton County

Minimum Control Measure: 4-CONSTRUCTION SITE STORMWATER RUNOFF CONTROL

Unique BMP Identification Number: 4d-1

***BMP Title:** Procedure for Site Plan Review

***BMP Description:**

Benton County will include in the Ordinance that a Site Plan be submitted to the Program Administrator for review. In the review we will look for permits, location of work to be done, and types of ESC and BMP's to be used. This must be approved before work can commence. After each review, each applicant will have the right to comment on the attached remarks.

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

***Measurable Goals:**

The development of a checklist for Site Plan Review. Then it will be the incorporation of the review into the County Ordinance on Storm Water Runoff. Since we have no ordinance or review the implementation of this will be a success.

***Timeline/Implementation Schedule:**

We will have a checklist for Site Plan Review by December 2007. The checklist will be reviewed and updated annually.

Specific Components and Notes:

Checklist will include: Size of Exposed Construction Area, any Permits, any near-by bodies of water.

***Responsible Party for this BMP:**

Name: Gerald Hovde

Department: Highway

Phone: 320 968-5051

E-mail: ghovde@co.benton.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: Benton County

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:**

We will develop a form that will contain who is responsible, location, has sediment entered any body of water, has sediment left the job site, were there any BMP's in place, how long were the BMP's were in place? This will be filled out by the Program Administrator or whoever he designates from Benton County. When the form is completed we will give a copy to the person who may be in non compliance.

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

***Measurable Goals:**

The development of a standardized form that will contain all the information about the possible non-compliant site. We will have success when the person who may be in non-compliance will know what the possible violations are.

***Timeline/Implementation Schedule:**

We will have a standardized form by December 2007. The guidelines will be reviewed and possible updated annually. As soon as possible.

Specific Components and Notes:

Who:
Where:
How Long:

***Responsible Party for this BMP:**

Name: Gerald Hovde
Department: Highway
Phone: 320 968-5051
E-mail: ghovde@co.benton.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: Benton County

Minimum Control Measure: 4-CONSTRUCTION SITE STORMWATER RUNOFF CONTROL

Unique BMP Identification Number: 4f-1

***BMP Title:** Establishment of Procedures for Site Inspections and Enforcement

***BMP Description:**

Prepare a checklist that would have the name of the contractor, location of the project, a list of BMP's that should be in place and a time frame which all the work is to occur. This would reflect back to the ordinance to be written which would state what BMP's are necessary. This would be done by a county employee.

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

***Measurable Goals:**

Creation of a checklist that lists what should be on the site and with each BMP missing, with a fine or a written warning being issued to whom is responsible. The baseline will be on how many checklists are completed.

***Timeline/Implementation Schedule:**

We will have a checklist created by December 2007. The guidelines will be reviewed and possible updated annually.

Specific Components and Notes:

Develop list of procedures for this BMP.
Designate person or persons to perform inspections.
Develop list of actions for documentation of inspections.
Develop list of actions for reports of violations.

***Responsible Party for this BMP:**

Name: Gerald Hovde
Department: Highway
Phone: 320 968-5051
E-mail: ghovde@co.benton.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: Benton County

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:**

Benton County to develop a series of BMPs that can be used (and suggested) for stormwater management. They include erosion control blankets, silt fence, rock checks, street sweeping, sediment traps, seeding and mulching just to name a few. This will be directed at contractors who will have the freedom to create their own BMP's as well. It is important to know that stormwater must be treated before leaving the project. Future plans include the expansion of listed BMP's and will be posted on Benton County's Website.

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

***Measurable Goals:**

Compilation of BMPs to be used on projects in Benton County, will be our baseline. With comments and new products, expansion of our BMP list will be our goal. With the implementation of this BMP, our goal is to reduce contaminated storm water from leaving the job untreated.

***Timeline/Implementation Schedule:**

We will have a BMP manual created by December 2007. The manual will be reviewed and possible updated annually.

Specific Components and Notes:

Develop individual BMPs.
Compile in reference manual.
Make manual available to developers.

***Responsible Party for this BMP:**

Name: Gerald Hovde

Department: Highway

Phone: 320 968-5051

E-mail: ghovde@co.benton.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: Benton 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:**

Benton County will require with all plat approvals and construction permits that they incorporate runoff control on their plans. This will be put in an ordinance and will be enforceable by written warnings and eventually financial penalties. This will be directed to plat holders and construction companies. This will be ongoing and will be updated when needed.

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

***Measurable Goals:**

To address runoff on new developments and redevelopments will be our first goal, with eventually having this in an ordinance would be considered a success. This will apply to all new projects with the ultimate goal of controlling runoff from new or redevelopments. This will be no less than what is stated in the NPDES Permit II.

***Timeline/Implementation Schedule:**

We will have addressed construction runoff by making it a requirement by December 2007. The requirements will be reviewed and possible updated annually.

Specific Components and Notes:

Drafte ordinance.
Attorney review of draft ordinance.
Final ordinance preparation.
Adoption of ordinance by proper authority.

***Responsible Party for this BMP:**

Name: Gerald Hovde
Department: Highway
Phone: 320 968-5051
E-mail: ghovde@co.benton.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: Benton County

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:**

We will periodically inspect and report the conditions of our BMP's. Where the BMP's need work, Benton County's Maintenance Workers will correct or replace the BMP to either meet or improve standards that are in place.

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

***Measurable Goals:**

Printed program for this BMP to include practical details, documentation and housekeeping procedures. Our goal is to maintain permanent BMP's long after construction has finished to continue improving construction runoff issues. Our baseline will be the number of entries that are made on a form when periodic inspections are made.

***Timeline/Implementation Schedule:**

We will have a inspection checklist created by December 2007. The checklist will be reviewed and possible updated annually.

Specific Components and Notes:

Develop program details and prepare in printed form.
Develop monitoring/inspection details.
Maintain documentation for this BMP.

***Responsible Party for this BMP:**

Name: Mark Ebnet

Department: Highway

Phone: 320 968-5051

E-mail: ghovde@co.benton.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: Benton County

Minimum Control Measure: 6-POLLUTION PREVENTION/GOOD HOUSEKEEPING

Unique BMP Identification Number: 6a-1

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

***BMP Description:**

To operate and maintain storm sewer systems to prevent and further reduce adverse impacts of storm water runoff. This will be done by periodic inspections by the county and notices from the general public. When a problem arises maintenance will address the issue and either replace or repair the BMP.

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

***Measurable Goals:**

Implement an inspection program that will minimize adverse effects of storm water runoff. Our baseline will be inspections periodically with success measured by the number of BMP's corrected.

***Timeline/Implementation Schedule:**

We will have a inspection program created by December 2007. The inspection program will be reviewed and possible updated annually.

Specific Components and Notes:

Develop components of program.
Prepare printed brochure of program
Distribute brochures as necessary and practical.
Monitor and document activity of the program.

***Responsible Party for this BMP:**

Name: Gerald Hovde
Department: Highway
Phone: 320 968-5051
E-mail: ghovde@co.benton.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: Benton County

Minimum Control Measure: 6-POLLUTION PREVENTION/GOOD HOUSEKEEPING

Unique BMP Identification Number: 6a-2

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

***BMP Description:**

County streets in a municipality are swept a minimal of once per year and are on an as needed basis. This is normally done in the spring to remove sand from winter sanding. However, it is also done on request by citizens of Benton County in an event of a city festival or related events. This has been the county's policy for quite a few years. We will begin documentation of when and where when this BMP is implemented.

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

***Measurable Goals:**

To continue our policy of street sweeping and our goal will be to keep documentation of when and why. The number of entries will be show our effectiveness with the number a number of three entries will be our baseline.

***Timeline/Implementation Schedule:**

April 2007 - Begin documentation of sweeping. The process of sweeping and documenting will be reviewed annually.

Specific Components and Notes:

Our street sweeping is conducted annually, generally in the spring using a pick up sweeper. We have no target areas, just county roads in municipalities. We dispose of waste material as designated by our solid waste ordinance.

***Responsible Party for this BMP:**

Name: Gerald Hovde

Department: Highway

Phone: 320 968-5051

E-mail: ghovde@co.benton.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: Benton County

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:**

Inspection of all structural pollution control devices annually, and as otherwise determined necessary due to unique events. We will develop a standardized form with a checklist that will be filled out after each structure inspection. We will create a file with past checklists so we will be able to see any structures starting to fail. The inspections will be conducted by qualified county employees.

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

***Measurable Goals:**

Inspection reports to document all inspections. Effectiveness will be measured by the number of entries. Success will be achieved by one entry per structure per year.

***Timeline/Implementation Schedule:**

We will have inspection reports created by December 2007. The reports will be reviewed and updated annually.

Specific Components and Notes:

Regular annual inspections.
Unscheduled inspection due to unique events.
Completion of inspection reports.
Filing of inspection reports.

***Responsible Party for this BMP:**

Name: Gerald Hovde
Department: Highway
Phone: 320 968-5051
E-mail: ghovde@co.benton.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: Benton 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:**

We will have a qualified county employee inspect these sites annually. We will document what is necessary to maintain these structures and if needed will repair or clean as necessary. The repair or cleaning will be done by county forces.

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

***Measurable Goals:**

Actual inspections and documentation of inspections; including repair/improvement of deficiencies. Effectiveness will be measured by the number of documented repairs/cleanings that were performed.

***Timeline/Implementation Schedule:**

Began in 2004 and on-going and is evaluated annually.

Specific Components and Notes:

Policy on regular annual inspections.
Conduct of inspections.
Report of inspections.
Repair of deficiencies.
Filing of inspection and repair/improvement reports.

***Responsible Party for this BMP:**

Name: Gerald Hovde
Department: Highway
Phone: 320 968-5051
E-mail: ghovde@co.benton.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: Benton County

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:**

Inspection of all exposed stockpile, storage and material handling areas on an annual basis as a minimum and routinely as necessary. Qualified county personnel will conduct the inspections with a standardized checklist of items to look for.

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

***Measurable Goals:**

Actual inspection of designated areas and documentation of inspections. Effectiveness will be measured on the number of completed checklists with a baseline of three inspections.

***Timeline/Implementation Schedule:**

Annually and ongoing as required and as may be necessary due to unique events. Inspection checklists will be reviewed annually.

Specific Components and Notes:

Inspection of designated areas.
Completion of inspection reports.
Report of violations or repair/improvements.
Repair or improvement of areas as needed.
Filing of inspection and repair reports.

***Responsible Party for this BMP:**

Name: Gerald Hovde
Department: Highway
Phone: 320 968-5051
E-mail: ghovde@co.benton.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: Benton 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:**

Follow-up on repair/improvement orders by inspector to determine if corrective measures are satisfied. This follow up will be on the original inspection form upon completion.

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

***Measurable Goals:**

Proper completion of recommended repairs, replacement, or maintenance measures. Each inspection form will report work to be done, and have remarks on the form that states whether the work was done satisfactory or not. Success will be defined by seeing that each required work is completed and completed correctly.

***Timeline/Implementation Schedule:**

We will have a checklist created by December 2007. The guidelines will be reviewed and possible updated annually.

Specific Components and Notes:

Reinspection of deficient areas.
Re-order of additional repair if necessary.
Subsequent follow-up.
Documentation and filing of subsequent reports.

***Responsible Party for this BMP:**

Name: Gerald Hovde
Department: Highway
Phone: 320 968-5051
E-mail: ghovde@co.benton.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: Benton County

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:**

We will have a checklist form with an area for responses to inspections. Each structure will have its own file from the first inspection to the present. This information will be available to all interested parties.

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

***Measurable Goals:**

Actual filing systems set up. Maintenance of the filing systems. After each year we will review all inspection reports.

***Timeline/Implementation Schedule:**

We will have a filing system created by December 2007. The checklist will be reviewed and possible updated annually.

Specific Components and Notes:

Prepare and organize filing system.
Designate location of filing system.
Maintain and update or improve system as necessary and efficient.

***Responsible Party for this BMP:**

Name: Gerald Hovde

Department: Highway

Phone: 320 968-5051

E-mail: ghovde@co.benton.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: Benton County

Minimum Control Measure: 6-POLLUTION PREVENTION/GOOD HOUSEKEEPING

Unique BMP Identification Number: 6b-7

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

***BMP Description:**

Review MS4 inspections by field visits and reviewing the filing systems and determine if inspection frequency is adequate or should some changes be initiated. This will involve county employees only.

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

***Measurable Goals:**

Documentation of evaluations and verify that recommendations are implemented. Effectiveness will be measured by the rating of our evaluations.

***Timeline/Implementation Schedule:**

We will have evaluations by December 2007. The evaluations will be reviewed and possibly updated annually.

Specific Components and Notes:

Site visits of inspected areas.
Review of inspection reports.
Recommendations for any improvements etc.

***Responsible Party for this BMP:**

Name: Gerald Hovde
Department: Highway
Phone: 320 968-5051
E-mail: ghovde@co.benton.mn.us

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