

## BMP Summary Sheet

**MS4 Name:** City of East Bethel

**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:**

The City of East Bethel will develop and implement strategies which include a combination of structural and/or non structural best management practices (BMPs) appropriate for their community. These strategies will include established design and construction requirements for post construction runoff controls. The BMPs will guide the City towards effective post construction storm water management.

Specifically, the City will develop, implement, and enforce a program to address stormwater runoff from new development and redevelopment projects within their 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 their MS4 by June 30, 2008, unless another date is established by the Commissioner.

The City currently follows their March 2005 Engineering Manual and the City has a draft Watershed Management Plan that is to be implemented in 2006.

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

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

**\*Measurable Goals:**

Review and revise, as necessary, the City's Engineering Manual to address appropriate structural and non structural BMPs for post construction of new developments and redevelopment.

Review and implement the City Watershed Management Plan.

**\*Timeline/Implementation Schedule:**

The City of East Bethel Engineering Manual is in place and the draft Watershed Management Plan is scheduled to be implemented in 2006.

Year 1-Review the Engineering Manual and add BMPs the City justifies.

Year 2 through 5-Annually review manual and plan. Revise as necessary.

Year 2 through 5-Annually evaluate requirements and recommended BMPs for post construction storm water management with innovative industry trends and make appropriate changes.

**Specific Components and Notes:**

The BMPs are intended to reduce, to the most practicable extent, the effect or impacts of storm water runoff within the City and to provide for the protection of natural and artificial water storage and retention areas and public waters. The City requirements and BMPs will be reviewed to determine if adequate for NPDES requirements.

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

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Department: Public Works Department

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

## BMP Summary Sheet

**MS4 Name:** City of East Bethel

**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:**

The City of East Bethel will establish an ordinance or some other regulatory mechanism to address post construction runoff from new development and redevelopment projects, to the extent allowable under law. The purpose is to meet the goal of minimizing impacts to surrounding water resources.

The City currently follows their March 2005 Engineering Manual to ensure that the City will receive the best possible protection of its resources. In addition, the City has a draft Watershed Management Plan that is to be implemented in 2006. Following the Engineering Manual and the Watershed Management Plan addresses post construction site runoff from new developments and redevelopment and ensures that controls are in place that will prevent or reduce water quality impacts.

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

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

**\*Measurable Goals:**

Develop and adopt an ordinance to address post construction runoff from new development and redevelopment. Review and revise, as necessary, the City's Engineering Manual to further address post construction runoff from new development and redevelopment.

Review and implement the City Watershed Management Plan.

**\*Timeline/Implementation Schedule:**

By June 30, 2008, or on another date established by the Commissioner, the City of East Bethel will have developed and commenced to implement and enforce an ordinance and program to address post construction runoff from new development and redevelopment.

The City's Engineering Manual is currently in place.

The City of East Bethel's draft Watershed Management Plan is scheduled to be implemented in 2006.

The ordinance, Engineering Manual, and Watershed Management Plan will be reviewed and revised annually.

**Specific Components and Notes:**

The City of East Bethel will develop and adopt an ordinance, review and revise the Engineering Manual, and review and implement the Watershed Management Plan. The ordinance will clarify the performance standards, for conservation practices and planning activities, to minimize the potential for excessive storm water runoff in order to prevent degradation of water and soil resources.

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

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**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:**

The City of East Bethel will ensure adequate long-term operation and maintenance of the best management practices (BMPs) that are installed as a result of these requirements. All post construction storm water measures will be inspected by qualified personnel and maintained on a regular basis. The City of East Bethel will quantify, and incorporate all City owned BMPs into a regular inspection and repair program. (Refer to Unique BMP Identification Number 4f-1)

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

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

**\*Measurable Goals:**

Update the existing procedure and record keeping methods for site inspections and maintenance of BMPs.  
Prepare a document detailing the location and description of all BMPs.  
Inspect and address all BMPs.  
Maintain records of inspection results, repairs, maintenance, and/or replacement of BMPs.

**\*Timeline/Implementation Schedule:**

Year 1-Compare the existing procedure and record keeping methods with the applicable sections of the MPCA Minnesota's Municipal Separate Storm Sewer System (MS4) Storm-water Permit Inspection and Record Keeping. Revise as necessary.  
Year 2 -Prepare BMP location and description document. Implement the inspection and repair program, and establish a preliminary budget and funding mechanism. Include the information collected in the MS4 annual report.  
Year 3 through 5-Continue inspection and repair program, and include the information in the MS4 annual report.

**Specific Components and Notes:**

The City of East Bethel currently inspects the quality and functionality of constructed BMPs before acceptance. It is important that the City person in the field conducting the inspection and maintenance knows the intended function of the BMP.

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

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