

**City of Oak Grove, Minnesota**

# **2006 Storm Water Pollution Prevention Program**



Permit No. MNR040000



Prepared  
May 2006  
Revised: February 25, 2009

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### **Appendix I**

Small MS4 Application (rev.)

### **Appendix II**

EPA Listed Water Information

- *Rum River; Seelye Brook to Cedar Creek*
- *Lake George*
- *Rogers Lake*
- *Mud Lake*

2008 TMDL Impaired Waters Information

- *Rum River*
- *Lake George*
- *Rogers Lake*
- *Mud Lake*

## Executive Summary

The City of Oak Grove is identified as one of Minnesota's mandatory Small MS4's and is required by the Clean Water Act to prepare a Storm Water Pollution Prevention Program (SWPPP). The SWPPP is a requirement of the NPDES General Permit No. MNR 040000, which is attached in Appendix I. This permit authorizes MS4 operators to discharge stormwater and its goal is to reduce the discharge of pollutants into receiving waters to the Maximum Extent Practicable. This permit and SWPPP outlines the steps The City of Oak Grove will take during the next permit cycle of five years to reduce stormwater pollution and is commonly referred to as a Stormwater Pollution Prevention Plan (SWPPP).

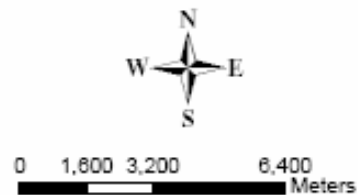
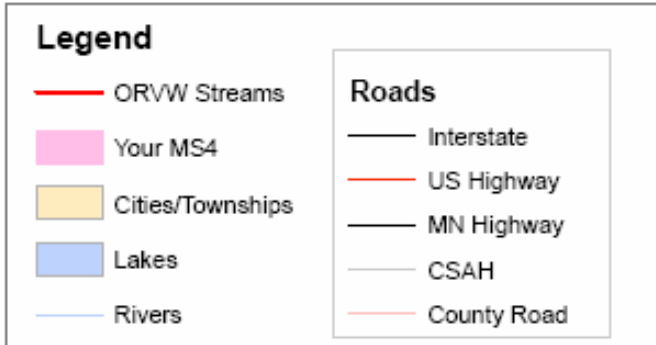
The SWPPP must be implemented or established in ordinance, plan, or policy by June 30, 2010 and must address six major areas:

- Public Education and Outreach
- Public Participation/Involvement
- Illicit Discharge Detection and Elimination
- Construction Site Stormwater Runoff Control
- Post- Construction Stormwater Management in New Development and Redevelopment
- Pollution Prevention/Good Housekeeping

Detailed sheets have been developed addressing sub-topics in each of these areas. Goals and timelines have been established for each sheet. The City will prepare an annual report summarizing the activities for the past year. The report will be available for review at the annual meeting held for review of the SWPPP. Comments received will be evaluated and incorporated into the SWPPP and annual report as appropriate.

The Rum River is classified as Outstanding Resource Value Waters and new discharges are prohibited or restricted. The Waters of Interest Map dated August 1, 2006 is included on the following page. Lake George, Mud Lake, Rogers Lake, and the Rum River are all listed as Impaired Waters where discharges will be required to meet Total Maximum Daily Load targets as they are established. An Impaired Waters Map, BMP Summary sheet and a Protected Discharge Assessment BMP Summary Sheet have been added after Minimum Control Measure 6.

# Oak Grove City MS4 Waters of Interest 8/1/2006



## Introduction & Best Management Practices (BMP's)

The City of Oak Grove is a rural residential community located in northern Anoka County. The City has been developing with lot sizes no less than 1.5 acres and generally in the range of 2.5 acres and larger. The level of rural residential development in the City has not significantly changed the hydrology of the area. The City of Oak Grove has worked to both decrease any runoff problems and to reduce the pollutant loads of sediment and nutrients from developing areas by requiring projects to comply with the National Pollutant Discharge Elimination System General Stormwater Permit for Construction Activities requirements. Further, as required by the Upper Rum River Watershed Management Plan, the City has implemented and subsequently updated an Erosion and Sediment Control Ordinance following the model ordinance provided in the Watershed Plan.

Best Management Practices were established and are required under the permit and are the main body of the Storm Water Pollution Prevention Program. The BMP summary sheets have been summarized and attached.

### Minimum Control Measure 1: PUBLIC EDUCATION AND OUTREACH

Key to Unique BMP ID Numbers	Required BMP Title	Permit Reference
1a-1	Distribute Educational Materials	V.G.1.a
1b-1	Implement an Education Program	V.G.1.b
1c-1	Education Program: Public Education and Outreach	V.G.1.c
1c-2	Education Program: Public Participation	V.G.1.c
1c-3	Education Program: Illicit Discharge Detection and Elimination	V.G.1.c
1c-4	Education Program: Construction Site Run-off Control	V.G.1.c
1c-5	Education Program: Post-Construction Stormwater Management in New Development and Redevelopment	V.G.1.c
1c-6	Education Program: Pollution Prevention/Good Housekeeping for Municipal Operations	V.G.1.c
1d-1	Coordination of Education Program	V.G.1.d
1e-1	Annual Public Meeting	V.G.1.e

### Minimum Control Measure 2: PUBLIC PARTICIPATION/INVOLVEMENT

Key to Unique BMP ID Numbers	Required BMP Title	Permit Reference
2a-1	Comply with Public Notice Requirements	V.G.2.a
2b-1	Solicit Public Input and opinion on the Adequacy of the SWPPP	V.G.2.b
2c-1	Consider Public Input	V.G.2.c

**Minimum Control Measure 3: ILLICIT DISCHARGE DETECTION AND ELIMINATION**

<b>Key to Unique BMP ID Numbers</b>	<b>Required BMP Title</b>	<b>Permit Reference</b>
3a-1	Storm Sewer System Map	<b>V.G.3.a</b>
3b-1	Regulatory Control Program	<b>V.G.3.b</b>
3c-1	Illicit Discharge Detection and Elimination Plan	<b>V.G.3.c</b>
3d-1	Public and Employee Illicit Discharge Information Program	<b>V.G.3.d</b>
3e-1	Identification of Non Stormwater Discharges and Flows	<b>V.G.3.e</b>

**Minimum Control Measure 4: CONSTRUCTION SITE STORMWATER RUNOFF CONTROL**

<b>Key to Unique BMP ID Numbers</b>	<b>Required BMP Title</b>	<b>Permit Reference</b>
4a-1	Ordinance or other Regulatory Mechanism	<b>V.G.4.a</b>
4b-1	Construction Site Implementation of Erosion and Sediment Control BMPs	<b>V.G.4.b</b>
4c-1	Waste Controls for Construction Site Operators	<b>V.G.4.c</b>
4d-1	Procedure for Site Plan Review	<b>V.G.4.d</b>
4e-1	Establishment of Procedures for the Receipt and Consideration of Reports of Stormwater Noncompliance	<b>V.G.4.e</b>
4f-1	Establishment of Procedures for Site Inspections and Enforcement	<b>V.G.4.f</b>

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

<b>Key to Unique BMP ID Numbers</b>	<b>Required BMP Title</b>	<b>Permit Reference</b>
5a-1	Development and Implementation of Structural and/or Non-structural BMPs	<b>V.G.5.a</b>
5b-1	Regulatory Mechanism to Address Post Construction Runoff from New Development and Redevelopment	<b>V.G.5.b</b>
5c-1	Long-term Operation and Maintenance of BMPs	<b>V.G.5.c</b>

**Minimum Control Measure 6: POLLUTION PREVENTION/GOOD HOUSEKEEPING**

<b>Key to Unique BMP ID Numbers</b>	<b>Required BMP Title</b>	<b>Permit Reference</b>
6a-1	Municipal Operations and Maintenance Program	V.G.6.a
6a-2	Street Sweeping**	
6b-2	Annual Inspection of All Structural Pollution Control Devices	V.G.6.b.2
6b-3	Inspection of a Minimum of 20 percent of the MS4 Outfalls, Sediment Basins and Ponds Each Year on a Rotating Basis	V.G.6.b.3
6b-4	Annual Inspection of All Exposed Stockpile, Storage and Material Handling Areas	V.G.6.b.4
6b-5	Inspection Follow-up Including the Determination of Whether Repair, Replacement, or Maintenance Measures are Necessary and the Implementation of the Corrective Measures	V.G.6.b.5
6b-6	Record Reporting and Retention of all Inspections and Responses to the Inspections	V.G.6.b.6
6b-7	Evaluation of Inspection Frequency	V.G.6.b.7

**IMPAIRED WATERS**

<b>Key to Unique BMP ID Numbers</b>	<b>Required BMP Title</b>	<b>Permit Reference</b>
Section IV.D	Impaired Waters Review Process	IV.D Section 303(d) listing
Section IX.B	Discharges to Waters with Prohibited or Restricted Discharges	IX Appendix C. Part B

## **BMP Summary Sheets**



## BMP Summary Sheet

**MS4 Name:** City of Oak Grove  
**Minimum Control Measure:** 1-PUBLIC EDUCATION AND OUTREACH  
**Unique BMP Identification Number:** 1a-1

**\*BMP Title:** Distribute Educational Materials

**\*BMP Description:**

See BMP Summary Sheets 1a-2 through 1a-5

The City will publish Stormwater related issues, recycling information and Education Program information in the City of Oak Grove Newsletter, on cable television broadcast Channel 16, the City website, and distribute Stormwater related brochures in conjunction with neighboring MS4's. The brochures will also incorporate Education Program information.

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

The specific material and audiences are described in 1a-2 - 1a-5

**\*Measurable Goals:**

See BMP Summary Sheets 1a-2 - 1a-5.

Record the number of calls received in response to the educational materials.

Record the number of stormwater management assistance requests.

**\*Timeline/Implementation Schedule:**

See BMP Summary Sheets 1a-2 - 1a-5.

**Specific Components and Notes:**

The education program will provide the public with an awareness and knowledge related to stormwater and its connection to water resources.

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

Name: Karin Slater

Department: Planning

Phone: 763-404-7077

E-mail: kslater@ci.oak-grove.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:** City of Oak Grove  
**Minimum Control Measure:** 1-PUBLIC EDUCATION AND OUTREACH  
**Unique BMP Identification Number:** 1a-2

<p><b>*BMP Title:</b> Distribute Educational Materials in the City of Oak Grove Newsletter</p>
<p><b>*BMP Description:</b></p> <p>The City will publish Stormwater related issues, recycling information and Education Program information in the City of Oak Grove Newsletter (currently a quarterly publication, however may be reduced to semi-annually due to future budget cuts).</p> <p>Location(s) in SWPPP of detailed information relating to this BMP: The information referenced on this sheet is intended to meet all SWPPP requirements.</p>
<p><b>*Measurable Goals:</b></p> <p>Number of Stormwater related articles, recycling information and Education Program information per year. Record the number of calls received in response to the educational materials. Record the number of stormwater management assistance requests. Record the number of distribution outlets.</p>
<p><b>*Timeline/Implementation Schedule:</b></p> <p>Distribution method exists. 2006 - 2010: Publish Stormwater issues, recycling information and Education Program information in the City of Oak Grove-Newsletter.</p>
<p><b>Specific Components and Notes:</b></p>
<p><b>*Responsible Party for this BMP:</b></p> <p>Name: Karin Slater Department: Planning Phone: 763-404-7077 E-mail: kslater@ci.oak-grove.mn.us</p>

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

## BMP Summary Sheet

**MS4 Name:** City of Oak Grove  
**Minimum Control Measure:** 1-PUBLIC EDUCATION AND OUTREACH  
**Unique BMP Identification Number:** 1a-3

**\*BMP Title:** Distribute Educational Materials on Cable Television Broadcast Channel 16

**\*BMP Description:**

The City will develop a plan to broadcast Stormwater related issues and Education Program information on the 'Government Access' Cable Television Channel 16.

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

The information referenced on this sheet is intended to meet all SWPPP requirements.

**\*Measurable Goals:**

Record the number of Stormwater related segments and Education Program information aired.

**\*Timeline/Implementation Schedule:**

Distribution method exists.

2006 - 2010: Broadcast issues on Stormwater management and Education Program information on Cable Television Channel 16.

**Specific Components and Notes:**

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

Name: Karin Slater

Department: Planning

Phone: 763-404-7077

E-mail: kslater@ci.oak-grove.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:** City of Oak Grove  
**Minimum Control Measure:** 1-PUBLIC EDUCATION AND OUTREACH  
**Unique BMP Identification Number:** 1a-4

**\*BMP Title:** Distribute Educational Materials on City Website

**\*BMP Description:**

The City will develop a plan to publish Stormwater related issues and Education Program information on the city website.

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

The information referenced on this sheet is intended to meet all SWPPP requirements.

**\*Measurable Goals:**

Continue website upkeep annually.  
Number of Website "hits" from counter.

**\*Timeline/Implementation Schedule:**

2006: Develop a plan to publish Stormwater issues and Education Program information.

2007: Determine material to include in website.

2008: Active Stormwater information on website.

**Specific Components and Notes:**

Distribution method exists.  
Recycling information.  
Code of Ordinance accessibility.  
Volunteer groups listed.  
Stormwater Pollution Prevention Plan link.  
Current public meetings and presentations.

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

Name: Karin Slater  
Department: Planning  
Phone: 763-404-7077  
E-mail: kslater@ci.oak-grove.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:** City of Oak Grove  
**Minimum Control Measure:** 1-PUBLIC EDUCATION AND OUTREACH  
**Unique BMP Identification Number:** 1a-5

**\*BMP Title:** Distribute Educational Materials in Brochures

**\*BMP Description:**

The City will distribute Stormwater related brochures in conjunction with neighboring MS4's. The brochures will also incorporate Education Program information.

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

The information referenced on this sheet is intended to meet all SWPPP requirements.

**\*Measurable Goals:**

Contact neighboring MS4's to discuss cooperative agreement between MS4's.  
Record the number of Brochures distributed.

**\*Timeline/Implementation Schedule:**

Distribution method exists.  
2006 - 2009: Cooperate with neighboring MS4's.  
2010: Distribute brochures within the City

**Specific Components and Notes:**

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

Name: Karin Slater  
Department: Planning  
Phone: 763-404-7077  
E-mail: kslater@ci.oak-grove.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:** City of Oak Grove  
**Minimum Control Measure:** PUBLIC EDUCATION AND OUTREACH  
**Unique BMP Identification Number:** 1b-1

<p><b>*BMP Title:</b> Implement an Education Program</p>
<p><b>*BMP Description:</b></p> <p>The City will implement a public education program to distribute educational materials to the community or conduct equivalent outreach activities about the impacts of Stormwater discharges on water bodies and the steps that the public can take to reduce pollutants in Stormwater runoff. The City's public education program will individually address each Minimum Control Measure. The City will continue to utilize newsletters, brochures and eventually a City website to provide Stormwater educational information to the general public. The City will review existing educational programs being conducted in our area and share the information with the general public. The City will develop partnerships with Watershed districts and Anoka County for shared educational opportunities. See BMP Summary Sheets 1c-1 - 1c-6.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP: 1c-1 - 1c-6</p>
<p><b>*Measurable Goals:</b></p> <p>Implement a public education program.          Number of informational items provided to the general public.          Number of households served by each communication.          Develop partnerships with Watershed Districts and Anoka County.          See BMP Summary Sheets 1c-1 - 1c-6.</p>
<p><b>*Timeline/Implementation Schedule:</b></p> <p>Annually - Implement public education program. Continue to develop partnerships.          See BMP Summary Sheets 1c-1 - 1c-6.</p>
<p><b>Specific Components and Notes:</b></p>
<p><b>*Responsible Party for this BMP:</b></p> <p style="margin-left: 40px;">Name: Karin Slater          Department: Planning          Phone: 763-404-7077          E-mail: kslater@ci.oak-grove.mn.us</p>

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

## BMP Summary Sheet

**MS4 Name:** City of Oak Grove  
**Minimum Control Measure:** PUBLIC EDUCATION AND OUTREACH  
**Unique BMP Identification Number:** 1c-1

<b>*BMP Title:</b> Education Program: Public Education and Outreach
<b>*Audience(s) Involved:</b> General Public including City residents, homeowners, business owners, and developers.
<b>*Educational Goals for Each Audience:</b> Increase public awareness and understanding of Stormwater issues within the community. Inform and educate the public about the impacts of Stormwater runoff on water quality and what they can do to actively protect local lakes and streams from polluted Stormwater runoff. Inform and educate the public about how the City manages Stormwater runoff through its' Stormwater Pollution Prevention Program (SWPPP).
<b>*Activities Used to Reach Educational Goals:</b> See BMP Summary Sheets 1a-1 - 1a-5.
<b>*Activity Implementation Plan:</b> See BMP Summary Sheets 1a-1 - 1a-5. Prepare report annually on activities conducted.
<b>*Performance Measures:</b> See BMP Summary Sheets 1a-1 - 1a-5.
<b>*Responsible Party for this BMP:</b> Name: Karin Slater Department: Planning Phone: 763-404-7077 E-mail: kslater@ci.oak-grove.mn.us

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## BMP Summary Sheet

**MS4 Name:** City of Oak Grove  
**Minimum Control Measure:** PUBLIC EDUCATION AND OUTREACH  
**Unique BMP Identification Number:** 1c-2

<p><b>*BMP Title:</b> Education Program: Public Participation</p>
<p><b>*Audience(s) Involved:</b>          General Public including City residents, homeowners, business owners, and developers.</p>
<p><b>*Educational Goals for Each Audience:</b>          Increase public awareness and understanding of Stormwater issues within the community.          Inform and educate the public about the impacts of Stormwater runoff on water quality and what they can do to actively protect local lakes and streams from polluted Stormwater runoff.          Inform and educate the public about how the City manages Stormwater runoff through its' Stormwater Pollution Prevention Program (SWPPP).</p>
<p><b>*Activities Used to Reach Educational Goals:</b>          Household Cleanup day.          Volunteer Storm Drain Stenciling Program.          See BMP Summary Sheet 1e-1.</p>
<p><b>*Activity Implementation Plan:</b>          Household Cleanup day: Continue household cleanup "Pride in Oak Grove" day twice each year.          Volunteer Storm Drain Stenciling Program: The City will establish a Volunteer Storm Drain Stenciling Program in which any volunteer groups may pick up supplies and equipment for storm drain stenciling free of charge. The stenciling of storm sewers will provide the public with the awareness that material which enters the storm drain system is discharged directly into the lakes within the City and allow public participation. 2007 - Develop a standard program, 2008 - The City will purchase the materials and equipment for stenciling and distribute information to the public to become aware of the program, 2008 - 2010 promote groups to volunteer to stencil storm drains.</p>
<p><b>*Performance Measures:</b>          Household Cleanup day: Record the number of participants.          Volunteer Storm Drain Stenciling Program: Establish a Volunteer Storm Drain Stenciling Program, Promote program to children groups and other organizations. Number of storm drains stenciled, Number of volunteers participating in the program each year the program is in place.</p>
<p><b>*Responsible Party for this BMP:</b>          Name: Karin Slater          Department: Planning          Phone: 763-404-7077          E-mail: kslater@ci.oak-grove.mn.us</p>

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## BMP Summary Sheet

**MS4 Name:** City of Oak Grove  
**Minimum Control Measure:** PUBLIC EDUCATION AND OUTREACH  
**Unique BMP Identification Number:** 1c-3

<p><b>*BMP Title:</b> Education Program: Illicit Discharge Detection and Elimination</p>
<p><b>*Audience(s) Involved:</b>          General Public including City residents, staff, homeowners, and business owners.</p>
<p><b>*Educational Goals for Each Audience:</b>          Inform general public, public employees, business owners, and residents about the hazards associated with illegal discharges and improper disposal of waste, as well as how to report the illicit discharges.          Raise public awareness of illicit discharge sources that may include failing septic systems (ISTS), illegal dumping practices, and the improper disposal of sewage from recreation practices, such as boating or camping.          Educate staff on ways to detect illicit discharges.</p>
<p><b>*Activities Used to Reach Educational Goals:</b>          Recycling newsletter contains references to proper disposal of commonly discharged items such as paint, oil and antifreeze.          Distribute educational material via newsletter and post on website and bulletin board.          Educate staff on what an illicit discharge is and what to look for in detecting an illicit discharge during monthly staff meetings.          Distribute educational material to illicit discharge generators such as auto repair shops.</p>
<p><b>*Activity Implementation Plan:</b>          Distribution method exists, develop material to distribute.          Continue to incorporate recycling info into the newsletter.          Develop a list of illicit discharge generators and distribute materials.</p>
<p><b>*Performance Measures:</b>          Amount of recycled material .          Record training dates.          Number of illicit discharge generators.          Number of training City staff.</p>
<p><b>*Responsible Party for this BMP:</b>          Name: Karin Slater          Department: Planning          Phone: 763-404-7077          E-mail: kslater@ci.oak-grove.mn.us</p>

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

## BMP Summary Sheet

**MS4 Name:** City of Oak Grove  
**Minimum Control Measure:** PUBLIC EDUCATION AND OUTREACH  
**Unique BMP Identification Number:** 1c-4

<b>*BMP Title:</b> Education Program: Construction Site Run-off Control
<b>*Audience(s) Involved:</b> Construction Industry and City Inspectors.
<b>*Educational Goals for Each Audience:</b> Raise awareness of maintaining proper erosion and sediment control measures for the construction industry and inspectors.
<b>*Activities Used to Reach Educational Goals:</b> Discuss erosion and sediment control issues with contractors at the required pre-construction meeting and as shown on construction plans.
<b>*Activity Implementation Plan:</b> 2006 - 2010: Encourage following erosion and sediment control plans with negative reinforcement for non-compliance.
<b>*Performance Measures:</b> Reviewing number of erosion and sediment control incidents as recorded by complaints or inspectors. Record the number of site plan, building permits, and construction project reviews.
<b>*Responsible Party for this BMP:</b> Name: Brian Miller Department: City Engineering Phone: 763-786-4570 E-mail: Brian.Miller@BDMCE.com

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

## BMP Summary Sheet

**MS4 Name:** City of Oak Grove  
**Minimum Control Measure:** PUBLIC EDUCATION AND OUTREACH  
**Unique BMP Identification Number:** 1c-5

<p><b>*BMP Title:</b> Education Program: Post-Construction Stormwater Management in New Development and Redevelopment</p>
<p><b>*Audience(s) Involved:</b>          General public, homeowners, residents, business owners, construction industry and any persons involved in any construction projects that could result in sediment and other pollutants entering the city stormwater system that could impair city streams and lakes.</p>
<p><b>*Educational Goals for Each Audience:</b>          Raise awareness of the benefits of stormwater infiltration and less impervious surface.          Educate the public about the importance of post construction stormwater management, i.e. what it is, the importance of reducing sediment loading offsite through the use of BMP's.</p>
<p><b>*Activities Used to Reach Educational Goals:</b>          Provide guidance and materials during construction and permitting phase.          Inspect new development and redevelopment construction sites to ensure BMP's are in place.          Present information on City's website and bulletin board.</p>
<p><b>*Activity Implementation Plan:</b>          2006 - 2010: Encourage infiltration areas and less impervious surface through permit process.          Distribution methods exist; develop material to distribute.          Develop inspection procedures.</p>
<p><b>*Performance Measures:</b>          Number of infiltration areas in places suitable for infiltration rather than stormwater ponds.          Record the number of site plan, building permits, and construction project reviews.</p>
<p><b>*Responsible Party for this BMP:</b>          Name: Karin Slater          Department: Planning          Phone: 763-404-7077          E-mail: kslater@ci.oak-grove.mn.us</p>

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

## BMP Summary Sheet

**MS4 Name:** City of Oak Grove  
**Minimum Control Measure:** PUBLIC EDUCATION AND OUTREACH  
**Unique BMP Identification Number:** 1c-6

<b>*BMP Title:</b> Education Program: Pollution Prevention/Good Housekeeping for Municipal Operations
<b>*Audience(s) Involved:</b> City's Public Works Department.
<b>*Educational Goals for Each Audience:</b> Provide knowledge, training and awareness of pollution prevention and good housekeeping to the City's Public Works Department.
<b>*Activities Used to Reach Educational Goals:</b> See BMP Summary Sheet 6a-1 - 6a-8.
<b>*Activity Implementation Plan:</b> See BMP Summary Sheet 6a-1 - 6a-8.
<b>*Performance Measures:</b> See BMP Summary Sheet 6a-1 - 6a-8.
<b>*Responsible Party for this BMP:</b> Name: Tim Smith Department: Public Works Phone: 763-434-1441 E-mail: tpsogpw@hotmail.com

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

## BMP Summary Sheet

**MS4 Name:** City of Oak Grove  
**Minimum Control Measure:** PUBLIC EDUCATION AND OUTREACH  
**Unique BMP Identification Number:** 1d-1

<b>*BMP Title:</b> Coordination of Education Program
<b>*BMP Description:</b> See BMP Summary Sheet 1b-1. Annually review the content of the programs and brochures used within the program. Update materials were necessary and review related agency materials for consideration of new or improved materials.
Location(s) in SWPPP of detailed information relating to this BMP: 1b-1
<b>*Measurable Goals:</b> See BMP Summary Sheet 1b-1. Annually report on program content and material changes.
<b>*Timeline/Implementation Schedule:</b> See BMP Summary Sheet 1b-1. Annually prepare report on material and program modifications.
<b>Specific Components and Notes:</b>
<b>*Responsible Party for this BMP:</b> Name: Karin Slater Department: Planning Phone: 763-404-7077 E-mail: kslater@ci.oak-grove.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:** City of Oak Grove  
**Minimum Control Measure:** PUBLIC EDUCATION AND OUTREACH  
**Unique BMP Identification Number:** 1e-1

**\*BMP Title:** Annual Public Meeting

**\*BMP Description:**

The City will conduct an annual public meeting to receive public opinion on the on the adequacy and effectiveness of the SWPPP program components. The public meeting will be held prior to submittal of the annual report to the Commissioner, which is currently June 30<sup>th</sup> of each year.

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

The information referenced on this sheet is intended to meet all SWPPP requirements

**\*Measurable Goals:**

Prepare and issue a notice of the public meeting at least 30 days prior to the meeting.  
Completed public meetings.  
Attendance at public meeting.  
Document public questions and City responses.

**\*Timeline/Implementation Schedule:**

Annual meeting in each year of the Permit cycle.  
Number of complaints on Stormwater quality.

**Specific Components and Notes:**

Establish meeting procedures and processes for speakers and written material.  
Consider timely, relevant written materials submitted by the public.  
Allow interested persons time to make oral statements on SWPPP.

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

Name: Karin Slater  
Department: Planning  
Phone: 763-404-7077  
E-mail: kslater@ci.oak-grove.mn.us

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## BMP Summary Sheet

**MS4 Name:** City of Oak Grove  
**Minimum Control Measure:** 2-PUBLIC PARTICIPATION/INVOLVEMENT  
**Unique BMP Identification Number:** 2a-1

<p><b>*BMP Title:</b> Comply with Public Notice Requirements</p>
<p><b>*BMP Description:</b></p> <p>The City complies with applicable public notice requirements and provides a notice for the public informational meeting at least 30 days prior in the official City newspaper. The City will continue this practice for the annual Stormwater meeting or any subsequent meetings to discuss the provisions of the SWPPP; its effectiveness, or amendments there to. The meeting date will also be posted at City Hall and on the website.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP: The information referenced on this sheet is intended to meet all SWPPP requirements</p>
<p><b>*Measurable Goals:</b></p> <p>Completed public notice. Post public notice at City Hall and on the City website.</p>
<p><b>*Timeline/Implementation Schedule:</b></p> <p>The first 30-day public notice will be for the 2006 annual public meeting and continued on an annual interval. Keep a copy of the public notice with the City records and a copy in the SWPPP.</p>
<p><b>Specific Components and Notes:</b></p> <p>Date Time Location Location of the SWPPP for review prior to the meeting.</p>
<p><b>*Responsible Party for this BMP:</b></p> <p>Name: Karin Slater Department: Planning Phone: 763-404-7077 E-mail: kslater@ci.oak-grove.mn.us</p>

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

## BMP Summary Sheet

**MS4 Name:** City of Oak Grove  
**Minimum Control Measure:** 2-PUBLIC PARTICIPATION/INVOLVEMENT  
**Unique BMP Identification Number:** 2b-1

<p><b>*BMP Title:</b> Solicit Public Input and opinion on the Adequacy of the SWPPP</p>
<p><b>*BMP Description:</b> See BMP Summary Sheet 1e-1.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP: 1e-1</p>
<p><b>*Measurable Goals:</b> See BMP Summary Sheet 1e-1.</p>
<p><b>*Timeline/Implementation Schedule:</b> See BMP Summary Sheet 1e-1.</p>
<p><b>Specific Components and Notes:</b></p>
<p><b>*Responsible Party for this BMP:</b> Name: Karin Slater Department: Planning Phone: 763-404-7077 E-mail: kslater@ci.oak-grove.mn.us</p>

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



## BMP Summary Sheet

**MS4 Name:** City of Oak Grove  
**Minimum Control Measure:** 2-PUBLIC PARTICIPATION/INVOLVEMENT  
**Unique BMP Identification Number:** 2c-1

**\*BMP Title:** Consider Public Input

**\*BMP Description:**

See BMP Summary Sheet 1e-1.

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

1e-1

**\*Measurable Goals:**

See BMP Summary Sheet 1e-1.

**\*Timeline/Implementation Schedule:**

See BMP Summary Sheet 1e-1.

**Specific Components and Notes:**

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

Name: Karin Slater

Department: Planning

Phone: 763-404-7077

E-mail: kslater@ci.oak-grove.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:** City of Oak Grove  
**Minimum Control Measure:** 3-ILLCIT DISCHARGE DETECTION AND ELIMINATION  
**Unique BMP Identification Number:** 3a-1

<b>*BMP Title:</b> Storm Sewer System Map
<b>*BMP Description:</b> The City will develop an updated storm sewer map. The City will continue to update the system map and components listed below. The map will aid in inspection of the storm sewer system and maintenance issues.  Location(s) in SWPPP of detailed information relating to this BMP: The information referenced on this sheet is intended to meet all SWPPP requirements
<b>*Measurable Goals:</b> Examine and compile existing data. Show all pipes, at minimum 24" and larger. Show outfalls. Show ponds, streams and wetlands. Complete the Storm sewer map <u>Identification of any needed maintenance</u>
<b>*Timeline/Implementation Schedule:</b> 2006: Examine existing system data. 2007-2008: Compile existing storm sewer system data and map. December 31 <sup>st</sup> 2009 - Complete an enhanced Storm Sewer Map Annually update map with new projects and include the map in the MS4 Annual Report.
<b>Specific Components and Notes:</b> Existing CAD drawings. Existing Record plans.
<b>*Responsible Party for this BMP:</b> Name: Brian D. Miller Department: City Engineering Phone: 763-786-4570 E-mail: Brian.Miller@BDMCE.com

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## BMP Summary Sheet

**MS4 Name:** City of Oak Grove  
**Minimum Control Measure:** 3-ILLICIT DISCHARGE DETECTION AND ELIMINATION  
**Unique BMP Identification Number:** 3b-1

<b>*BMP Title:</b> Regulatory Control Program
<b>*BMP Description:</b> See BMP Summary Sheets 3b-2 - 3b-4. Illicit discharge detection and elimination programs are designed to prevent contamination of ground and surface water supplies by monitoring, inspection and removal of these illegal non-stormwater discharges. An essential element of these programs is an ordinance granting the authority to inspect properties suspected of releasing contaminated discharges into storm drain systems. Another important factor is the establishment of enforcement actions for those properties found to be in noncompliance or that refuse to allow access to their facilities. The City of Oak Grove Revised the Code in 2006 to address illicit discharge, detection and elimination. The City also has Stormwater Management and Individual Sewage Treatment Ordinances.  Location(s) in SWPPP of detailed information relating to this BMP: 3b-2 - 3b-4
<b>*Measurable Goals:</b> See BMP Summary Sheets 3b-2 - 3b-4.
<b>*Timeline/Implementation Schedule:</b> See BMP Summary Sheets 3b-2 - 3b-4.
<b>Specific Components and Notes:</b>
<b>*Responsible Party for this BMP:</b> Name: Karin Slater Department: Planning Phone: 763-404-7077 E-mail: kslater@ci.oak-grove.mn.us

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## BMP Summary Sheet

**MS4 Name:** City of Oak Grove  
**Minimum Control Measure:** 3-ILLCIT DISCHARGE DETECTION AND ELIMINATION  
**Unique BMP Identification Number:** 3b-2

<p><b>*BMP Title:</b> Regulatory Control Program – Illicit Discharge Ordinance</p>
<p><b>*BMP Description:</b></p> <p>The City will develop an ordinance to prohibit non-Stormwater discharge into the storm sewer system. During the first 3 years, the City will review the current ordinance and revise it according to regulatory agency requirements.</p> <p>The City offers a recycling program to the residents, which includes a semi-annual recycling day for electronics, appliances, batteries, tires, scrap metal, and larger items not accepted in the curbside program. The title of the program is Pride in Oak Grove Recycling Day.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP:          The information referenced on this sheet is intended to meet all SWPPP requirements</p>
<p><b>*Measurable Goals:</b></p> <p>Review of existing ordinance and comparison with other communities.          Completed ordinance (Revised in 2006)</p>
<p><b>*Timeline/Implementation Schedule:</b></p> <p>2006 - 2008: Review existing ordinance and compare with other communities.          2008: Completed illicit discharge, detection, and elimination ordinance.</p>
<p><b>Specific Components and Notes:</b></p> <p>Meetings with City Attorney.          Septic system control.          Illicit connections control.          Illegal dumping control.          Recreational sewage control.</p>
<p><b>*Responsible Party for this BMP:</b></p> <p style="margin-left: 40px;">Name: Karin Slater          Department: Planning          Phone: 763-404-7077          E-mail: kslater@ci.oak-grove.mn.us</p>

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

## BMP Summary Sheet

**MS4 Name:** City of Oak Grove  
**Minimum Control Measure:** 3-ILLCIT DISCHARGE DETECTION AND ELIMINATION  
**Unique BMP Identification Number:** 3b-3

<p><b>*BMP Title:</b> Regulatory Control Program – Septic System Ordinance</p>
<p><b>*BMP Description:</b></p> <p>The City will develop an ordinance to prohibit non-Stormwater discharge into the storm sewer system. During the first 3 years, the City will review the current septic system ordinance and revise it according to regulatory agency requirements. The City has included a Septic System Ordinance in the City Code.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP:</p>
<p><b>*Measurable Goals:</b></p> <p>Completion of existing ordinance and comparison with others.</p>
<p><b>*Timeline/Implementation Schedule:</b></p> <p>2006 - 2009: Review existing ordinance and compare with others.                  2009: Completed illicit discharge, detection, and elimination ordinance.</p>
<p><b>Specific Components and Notes:</b></p> <p>Meetings with City Attorney.                  Septic system control.                  Illegal dumping control.                  Recreational sewage control.                  Right of Entry provision.</p>
<p><b>*Responsible Party for this BMP:</b></p> <p style="margin-left: 20px;">Name: Karin Slater                  Department: Planning                  Phone: 763-404-7077                  E-mail: kslater@ci.oak-grove.mn.us</p>

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

## BMP Summary Sheet

**MS4 Name:** City of Oak Grove  
**Minimum Control Measure:** 3-ILLCIT DISCHARGE DETECTION AND ELIMINATION  
**Unique BMP Identification Number:** 3b-4

<b>*BMP Title:</b> Regulatory Control Program – Recreational Sewage Control
<b>*BMP Description:</b> The City has identified locations for proper recreational disposal. Recreational Vehicles can dump their waste tanks at two Anoka County Parks: Bunker Hills Park 13101 County Parkway B, Coon Rapids, MN 55433 and Rice Creek Park 7401 Main Street Hugo, MN 55038  Location(s) in SWPPP of detailed information relating to this BMP: The information referenced on this sheet is intended to meet all SWPPP requirements
<b>*Measurable Goals:</b> Incorporate disposal locations on City website. Number of illicit recreational sewer discharges.
<b>*Timeline/Implementation Schedule:</b> 2007: Incorporate disposal locations on City website.
<b>Specific Components and Notes:</b>
<b>*Responsible Party for this BMP:</b> Name: Tim Smith Department: Public Works Phone: 763-434-1441 E-mail: tpsogpw@hotmail.com

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

# BMP Summary Sheet

**MS4 Name:** City of Oak Grove  
**Minimum Control Measure:** 3-ILLCIT DISCHARGE DETECTION AND ELIMINATION  
**Unique BMP Identification Number:** 3c-1

<p><b>*BMP Title:</b> Illicit Discharge Detection and Elimination Plan</p>
<p><b>*BMP Description:</b></p> <p>Develop a program to detect and eliminate illegal and/or improper connections to storm drainage systems and receiving waters. Specific illicit discharge connections will be identified over the 3 years of the program using the specific component listed below. Develop an education and training program for Public Works staff to train employees on IDDE inspection process in coordination with City Engineer. After detection of illicit discharge locations, the City will evaluate proper enforcement procedures and enforce the provisions of the City ordinance pertaining to illegal discharges into the storm sewer system.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP:</p>
<p><b>*Measurable Goals:</b></p> <p>Review the current practices to identify illicit discharges. Institute staff training program to detect illicit discharges. Percentage of outfalls inspected. Number of illicit discharges located. Percentage of outfalls inspected for dry weather flows. Number of illicit discharges located.</p>
<p><b>*Timeline/Implementation Schedule:</b></p> <p>2006 - 2008: Gather existing information on illicit connection tests performed to date within the City. 2008-2009: Establish an inspection procedure and record keeping methods for detecting and addressing non-stormwater discharges to the stormwater system. 2008: Begin conducting field tests. 2009-2010: Ongoing oversight and coordination with the City Engineer.</p>
<p><b>Specific Components and Notes:</b></p> <p>Surveys to building owners or managers. Dry weather flow tests.</p>
<p><b>*Responsible Party for this BMP:</b></p> <p>Name: Tim Smith Department: Public Works Phone: 763-434-1441 E-mail: <a href="mailto:tpsogpw@hotmail.com">tpsogpw@hotmail.com</a></p>

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

## BMP Summary Sheet

**MS4 Name:** City of Oak Grove  
**Minimum Control Measure:** 3-ILLCIT DISCHARGE DETECTION AND ELIMINATION  
**Unique BMP Identification Number:** 3d-1

<p><b>*BMP Title:</b> Public and Employee Illicit Discharge Information Program</p>
<p><b>*BMP Description:</b></p> <p>Develop a training program to educate the general public and employees and public on illicit discharge and improper waste disposal programs. The program may include the distribution of publication materials and handout as applicable and will coordinate with other governmental agencies to obtain existing publications.</p> <p>Educational information should include:</p> <ul style="list-style-type: none"> <li>• The impact of illicit discharge on water quality.</li> <li>• The definition of illicit discharge for proper identification.</li> <li>• Safety precautions.</li> <li>• How to report illicit discharges.</li> </ul> <p>Location(s) in SWPPP of detailed information relating to this BMP: 3b-2 - 3b-4</p>
<p><b>*Measurable Goals:</b></p> <p>Review current activity in County regarding provision of information for employees, businesses, and the public hazards associated with illegal discharge and improper disposal of waste.              Distribution of educational materials              Keep record of information provided.              Summarize recycling volume in annual report.</p>
<p><b>*Timeline/Implementation Schedule:</b></p> <p>See BMP Summary Sheets 3b-2 - 3b-4.              Annually review publications, handouts, articles, and information to update the City website and/or newsletter.              2009: Assemble available publications and handouts.              Annually: Review illicit non-stormwater discharge inspection process with City staff.              Annually: Review publications and update website and newsletter.</p>
<p><b>Specific Components and Notes:</b></p> <p>Distribute recycling information to residents through newsletter, website and special recycling mailings. The program will address both illegal discharges and improper disposal of waste.</p>
<p><b>*Responsible Party for this BMP:</b></p> <p style="margin-left: 20px;">Name: Karin Slater              Department: Planning              Phone: 763-404-7077              E-mail: kslater@ci.oak-grove.mn.us</p>

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



## BMP Summary Sheet

**MS4 Name:** City of Oak Grove  
**Minimum Control Measure:** 3-ILLCIT DISCHARGE DETECTION AND ELIMINATION  
**Unique BMP Identification Number:** 3e-1

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

**\*BMP Description:**

The City of Oak Grove will identify if they have any non-stormwater discharges and flows. This will be completed as part of BMP 4a-f. If any non-stormwater discharges or flows are identified, they will be addressed in BMP's Regulation Control Program and Illicit Discharge Detection & Elimination Program (BMP 3b-1 & 3c-1).

The City is in the process of identifying and mapping drainage areas that will assist the City in determining whether a non-stormwater discharges or flows are significant contributors of pollutants to our MS4.

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

3c-1

**\*Measurable Goals:**

See BMP Summary Sheet 3c-1.

Investigation and correction/referral of all identified or reported instances of non-stormwater discharges. Address any identified discharges and flows as outlined above.

**\*Timeline/Implementation Schedule:**

See BMP Summary Sheet 3c-1.

Annually identify by inspection any non-stormwater discharges and flows.

Summarize in MS4 Annual Report.

Address through reduction and elimination.

**Specific Components and Notes:**

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

Name: Tim Smith

Department: Public Works

Phone: 763-434-1441

E-mail: [tpsogpw@hotmail.com](mailto:tpsogpw@hotmail.com)

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

## BMP Summary Sheet

**MS4 Name:** City of Oak Grove  
**Minimum Control Measure:** 4-CONSTRUCTION SITE STORMWATER RUNOFF CONTROL  
**Unique BMP Identification Number:** 4a-1

<p><b>*BMP Title:</b> Ordinance or other Regulatory Mechanism</p>
<p><b>*BMP Description:</b>          See BMP Summary Sheets 4a-2 - 4a-4.          The City of Oak Grove has adopted an ordinance regulating Construction Site Stormwater Runoff Control and Enforcement which is addressed in the City of Oak Grove Code, Chapter 1110 Subd. 5-7 and Chapter 1309, Subd. 5. Site erosion control is also addressed in Chapter 1309, Subd. 7F. Chapter 1309 was revised in 2008. Specifically, the ordinance includes erosion and sediment control and stormwater treatment BMP's, site plan review and approval prior to activity on site, inspections, dewatering and/or basin draining, waste controls for solid and hazardous wastes, design standards for permanent stormwater management controls, stable slopes, and establishment of perennial vegetative cover.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP:          4a-2 - 4a-4</p>
<p><b>*Measurable Goals:</b>          See BMP Summary Sheets 4a-2 - 4a-4.          Review current ordinance and update if necessary to ensure compliance. Any regulatory mechanisms shall outline sanctions and may include: verbal and written warnings, stop work orders, fines, forfeit of security bonds or escrow money and/or withholding of certificate of occupancy.</p>
<p><b>*Timeline/Implementation Schedule:</b>          See BMP Summary Sheets 4a-2 - 4a-4.          2009-2010: Review current ordinance and update any enforcement provisions necessary to ensure compliance.          Ongoing, work with builders to raise awareness of ordinance and enforcement provisions of ordinance.</p>
<p><b>Specific Components and Notes:</b>          The City of Oak Grove will review and update their ordinance to include specific enforcement mechanisms if necessary.</p>
<p><b>*Responsible Party for this BMP:</b>          Name: Brian D. Miller          Department: City Engineering          Phone: 763-786-4570          E-mail: Brian.Miller@BDMCE.com</p>

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

## BMP Summary Sheet

**MS4 Name:** City of Oak Grove  
**Minimum Control Measure:** 4-CONSTRUCTION SITE STORMWATER RUNOFF CONTROL  
**Unique BMP Identification Number:** 4a-2

<p><b>*BMP Title:</b> Ordinance or other Regulatory Mechanism – Stormwater Management Regulation Ordinance</p>
<p><b>*BMP Description:</b>          The City will evaluate the existing ordinance (Chapter 1309 Stormwater Management Regulations) in relation to the permitting authority minimum standards and county authority during 2006, develop the changes in 2007, and implement applicable enforcement procedures in 2008. (The City revised Chapter 1309 in 2008)</p> <p style="margin-top: 20px;">Location(s) in SWPPP of detailed information relating to this BMP:</p>
<p><b>*Measurable Goals:</b>          Complete evaluation of existing ordinance.          Completed draft ordinance.          Adoption of ordinance.          Implemented ordinance.</p>
<p><b>*Timeline/Implementation Schedule:</b>          2006: Evaluate existing ordinance by comparing it to MPCA min standards.          2007: Complete a draft ordinance from the 2006 assessment.          2008: Implement applicable enforcement procedures.</p>
<p><b>Specific Components and Notes:</b>          Ordinance 01-04          Site erosion control timelines for compliance.          Penalties for non-compliance.          Required site plan review procedures (See 4a-3).          Requirements for Construction Site Operators to control waste.</p>
<p><b>*Responsible Party for this BMP:</b>          Name: Brian D. Miller          Department: City Engineering          Phone: 763-786-4570          E-mail: Brian.Miller@BDMCE.com</p>

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

## BMP Summary Sheet

**MS4 Name:** City of Oak Grove  
**Minimum Control Measure:** 4-CONSTRUCTION SITE STORMWATER RUNOFF CONTROL  
**Unique BMP Identification Number:** 4a-3

**\*BMP Title:** Ordinance or other Regulatory Mechanism – ESC plan requirement and review process

**\*BMP Description:**

The City will review existing procedures for construction site soil and sedimentation erosion control within the Development and Redevelopment Plan Review Program (5a-1) and amend them accordingly to incorporate mandatory provisions written in the Storm Water Management Regulations Ordinance (4a-2). Site erosion control is addressed in Chapter 1309, Subd. 7F (Revised in 2008).

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

4a-2, 5a-1

**\*Measurable Goals:**

MPCA - "Protecting Water Quality in Urban Areas" standard.  
10 working days to review.  
Performance Bond.  
Number of plans reviewed.

**\*Timeline/Implementation Schedule:**

2006: Review existing plan review procedure.  
2007 - 2010: Continue ESC plan requirement and review process, Incorporate new procedures if necessary.

**Specific Components and Notes:**

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

Name: Brian D. Miller

Department: City Engineering

Phone: 763-786-4570

E-mail: Brian.Miller@BDMCE.com

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

## BMP Summary Sheet

**MS4 Name:** City of Oak Grove  
**Minimum Control Measure:** 4-CONSTRUCTION SITE STORMWATER RUNOFF CONTROL  
**Unique BMP Identification Number:** 4a-4

<p><b>*BMP Title:</b> Ordinance or other Regulatory Mechanism – ESC Inspection and Enforcement Program</p>
<p><b>*BMP Description:</b></p> <p>The City will develop procedures for site inspection and enforcement of control measures. Procedures for site inspections and enforcement of control measures could include steps to identify priority sites for inspection and enforcement based on the nature of the construction activity, topography, and the characteristics of soils and receiving water quality.</p> <p style="margin-top: 20px;">Location(s) in SWPPP of detailed information relating to this BMP:</p>
<p><b>*Measurable Goals:</b></p> <p>Inspection schedule. Performance Bond.</p>
<p><b>*Timeline/Implementation Schedule:</b></p> <p>Number of construction sites for each year. Number of warnings issued. Number of stop work orders issued. Number of financial security money taken for ESC noncompliance.</p>
<p><b>Specific Components and Notes:</b></p>
<p><b>*Responsible Party for this BMP:</b></p> <p style="margin-left: 20px;">Name: Brian D. Miller          Department: City Engineering          Phone: 763-786-4570          E-mail: Brian.Miller@BDMCE.com</p>

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## BMP Summary Sheet

**MS4 Name:** City of Oak Grove  
**Minimum Control Measure:** 4-CONSTRUCTION SITE STORMWATER RUNOFF CONTROL  
**Unique BMP Identification Number:** 4b-1

<p><b>*BMP Title:</b> Construction Site Implementation of Erosion and Sediment Control BMPs</p>
<p><b>*BMP Description:</b>                  The City will identify appropriate BMP's for erosion and sediment control dependent upon current regulatory minimum standards. Site erosion control is addressed in Chapter 1309, Subd. 7F.</p> <p style="margin-top: 20px;">Location(s) in SWPPP of detailed information relating to this BMP:                  4a-3, 4a-4, 5a-1</p>
<p><b>*Measurable Goals:</b>                  Establish ESC BMP's.</p>
<p><b>*Timeline/Implementation Schedule:</b>                  2006: Establish list of minimum ESC BMP's for construction activities.                  2007: Provide contractors list of required BMP's.</p>
<p><b>Specific Components and Notes:</b>                  MPCA-"Protecting Water Quality in Urban Areas" standard.                  Erosion control silt fence.                  Rock construction entrance.                  Inlet protection devices.                  Street sweeping contracted to a third party.</p>
<p><b>*Responsible Party for this BMP:</b>                  Name: Brian D. Miller                  Department: City Engineering                  Phone: 763-786-4570                  E-mail: Brian.Miller@BDMCE.com</p>

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## BMP Summary Sheet

**MS4 Name:** City of Oak Grove  
**Minimum Control Measure:** 4-CONSTRUCTION SITE STORMWATER RUNOFF CONTROL  
**Unique BMP Identification Number:** 4c-1

<b>*BMP Title:</b> Waste Controls for Construction Site Operators
<b>*BMP Description:</b> See BMP Summary Sheets 4a-3, 4a-4. The City Code requires all waste and unused building materials to be properly disposed of off-site and not allowed to be carried by runoff into a receiving channel or storm sewer system (Chapter 1309, Subd. 7)
Location(s) in SWPPP of detailed information relating to this BMP: 4a-3, 4a-4
<b>*Measurable Goals:</b> See BMP Summary Sheets 4a-3, 4a-4. Minimize complaints from residents about construction debris.
<b>*Timeline/Implementation Schedule:</b> See BMP Summary Sheets 4a-3, 4a-4. Ongoing review of construction site waste controls, enforce existing regulations.
<b>Specific Components and Notes:</b> The City Engineer coordinates observation of construction site management practices. This includes educating contractors and developers on acceptable practices and the requirements to control waste.
<b>*Responsible Party for this BMP:</b> Name: Brian D. Miller Department: City Engineering Phone: 763-786-4570 E-mail: Brian.Miller@BDMCE.com

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## BMP Summary Sheet

**MS4 Name:** City of Oak Grove  
**Minimum Control Measure:** 4-CONSTRUCTION SITE STORMWATER RUNOFF CONTROL  
**Unique BMP Identification Number:** 4d-1

<p><b>*BMP Title:</b> Procedure for Site Plan Review</p>
<p><b>*BMP Description:</b>          See BMP Summary Sheets 4a-3 and 5a-1.          The City development approval process includes three phases, Sketch Plan, Preliminary Plat and Final Plat for subdivision of land. Site plans have two phases, Preliminary Plat and Final Site Plan. Staff reviews the plans at each phase and provides a review letter of the development team. The City works in conjunction with appropriate agencies, such as the MPCA and Anoka Conservation District, for review and oversight on site plan reviews and potential water quality impacts. Additionally, sites over one acre in size requires a construction stormwater permit from MPCA.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP:          4a-3, 5a-1</p>
<p><b>*Measurable Goals:</b>          See BMP Summary Sheets 4a-3 and 5a-1.          Review, revise, and implement as necessary.</p>
<p><b>*Timeline/Implementation Schedule:</b>          See BMP Summary Sheets 4a-3 and 5a-1.          Ongoing.</p>
<p><b>Specific Components and Notes:</b>          The City Engineer coordinates observation of construction site management practices. This includes educating contractors and developers on acceptable practices and the requirements to control waste.</p>
<p><b>*Responsible Party for this BMP:</b>          Name: Brian D. Miller          Department: City Engineering          Phone: 763-786-4570          E-mail: Brian.Miller@BDMCE.com</p>

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## BMP Summary Sheet

**MS4 Name:** City of Oak Grove  
**Minimum Control Measure:** 4-CONSTRUCTION SITE STORMWATER RUNOFF CONTROL  
**Unique BMP Identification Number:** 4e-1

<p><b>*BMP Title:</b> Establishment of Procedures for the Receipt and Consideration of Reports of Stormwater Noncompliance</p>
<p><b>*BMP Description:</b></p> <p>The City will review existing procedures for documentation regarding construction site issues and complaints. The city will develop a receipt log for this information. The City Engineer and City Staff currently handle complaints and issues related to the general public and coordinate with applicable agencies, such as MPCA. Complaint procedures will be noticed in the City newsletter and the website, to include a phone number for residents to use for reporting stormwater non-compliance.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP:</p>
<p><b>*Measurable Goals:</b></p> <p>Develop a receipt log for taking information in regarding construction site issues and complaints.          Update website with phone number for reporting stormwater non-compliance.</p>
<p><b>*Timeline/Implementation Schedule:</b></p> <p>2009: Review existing procedure and identify areas for revision and update website.          2010: Implement any revised procedures.</p>
<p><b>Specific Components and Notes:</b></p> <p>The City of Oak Grove will develop and implement a procedure to formally document reports of non-compliance and a process to follow when responding to reports of non-compliance.</p>
<p><b>*Responsible Party for this BMP:</b></p> <p style="margin-left: 20px;">Name: Karin Slater          Department: Planning          Phone: 763-404-7077          E-mail: kslater@ci.oak-grove.mn.us</p>

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

## BMP Summary Sheet

**MS4 Name:** City of Oak Grove  
**Minimum Control Measure:** 4-CONSTRUCTION SITE STORMWATER RUNOFF CONTROL  
**Unique BMP Identification Number:** 4f-1

<b>*BMP Title:</b> Establishment of Procedures for Site Inspections and Enforcement
<b>*BMP Description:</b> See BMP Summary Sheets 4a-2 and 4a-4. Inspect construction sites for stormwater non-compliance. Coordinate with applicable government agencies, issues notices for corrective actions, and follow up to ensure compliance.
Location(s) in SWPPP of detailed information relating to this BMP: 4a-2, 4a-4
<b>*Measurable Goals:</b> See BMP Summary Sheets 4a-2 and 4a-4.
<b>*Timeline/Implementation Schedule:</b> See BMP Summary Sheets 4a-2 and 4a-4.
<b>Specific Components and Notes:</b>
<b>*Responsible Party for this BMP:</b> Name: Brian D. Miller Department: City Engineering Phone: 763-786-4570 E-mail: Brian.Miller@BDMCE.com

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

## BMP Summary Sheet

**MS4 Name:** City of Oak Grove  
**Minimum Control Measure:** 5-POST-CONSTRUCTION STORMWATER  
MANAGEMENT IN NEW DEVELOPMENT AND  
REDEVELOPMENT  
**Unique BMP Identification Number:** 5a-1

<b>*BMP Title:</b> Development and Implementation of Structural and/or Non-structural BMPs
<b>*BMP Description:</b> The City will develop procedures for a Development and Redevelopment Plan Review Program within the first year of the 5-year Permit cycle. Some of the specific components listed below are current practices conducted by the City and some have been selected as possible BMP's, which may be appropriate options for reducing Stormwater runoff pollution and flooding. The City's engineering department will be responsible for establishing and implementing proper procedures for the program. Specific components include, but are not limited to: wet ponds/dry ponds, infiltration basins and trenches, stabilization seeding, control measures along all sideslope and downslope sides, bio engineering, drainlet protection, dewatering, waste and unused building material disposal, and buffer strip of natural vegetation.  Location(s) in SWPPP of detailed information relating to this BMP:
<b>*Measurable Goals:</b> Completed plan review process and documentation procedures. Number of plan reviews performed. Number of plan reviews performed each year.
<b>*Timeline/Implementation Schedule:</b> 2006: Completion of plan review process and documentation procedures. 2007: Developed and implemented Plan Review Program.
<b>Specific Components and Notes:</b>
<b>*Responsible Party for this BMP:</b> Name: Brian D. Miller Department: City Engineering Phone: 763-786-4570 E-mail: Brian.Miller@BDMCE.com

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

## BMP Summary Sheet

**MS4 Name:** City of Oak Grove  
**Minimum Control Measure:** 5-POST-CONSTRUCTION STORMWATER  
 MANAGEMENT IN NEW DEVELOPMENT AND  
 REDEVELOPMENT  
**Unique BMP Identification Number:** 5b-1

<p><b>*BMP Title:</b> Regulatory Mechanism to Address Post Construction Runoff from New Development and Redevelopment – Buffer Zone Requirements</p>
<p><b>*BMP Description:</b></p> <p>The City has a minimum 16.5 foot buffer zone requirement. City Code Chapter 1309, Sub-division 7 I 2 states “A protective buffer strip of natural vegetation at least one rod (16.5 feet) in width shall surround all wetlands. [This width is consistent with the draft rules developed by the Board of Water and Soil Resources under the Wetland Conservation Act of 1991.]”</p> <p>City Code Chapter 1309, Sub-division 8C states “Fertilizer applications shall not be made within one rod (16.5 feet) of any wetland or water resource. [This distance is consistent with the draft rules developed by the Board of Water and Soil Resources under the Wetland Conservation Act of 1991.]”</p> <p>Location(s) in SWPPP of detailed information relating to this BMP:</p>
<p><b>*Measurable Goals:</b></p> <p>Number of lots having buffer zones.          Evaluation of existing ordinance.</p>
<p><b>*Timeline/Implementation Schedule:</b></p> <p>2006 - 2010: Enforcement of buffer zone requirements.          2010: Evaluation of existing ordinances.</p>
<p><b>Specific Components and Notes:</b></p> <p>Ordinance 01-04.          The City will evaluate the BMP’s and existing ordinances to see that the provisions of the SWPPP are being accomplished.</p>
<p><b>*Responsible Party for this BMP:</b></p> <p>Name: Brian D. Miller          Department: City Engineering          Phone: 763-786-4570          E-mail: Brian.Miller@BDMCE.com</p>

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

## BMP Summary Sheet

**MS4 Name:** City of Oak Grove  
**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:**

City Code Chapter 1309, Sub-division 7M states “All Stormwater management facilities shall be designed to minimize the need of maintenance, to provide access for maintenance purposes and to be structurally sound. All Stormwater management facilities shall have a plan of operation and maintenance that assures continued effective removal of pollutants carried in Stormwater runoff. The director of public works, or designated representative, shall inspect all Stormwater management facilities during construction, during the first year of operation, and at least once every five years thereafter. The inspection records will be kept on file at the public works department for a period of 6 years. It shall be the responsibility of the applicant to obtain any necessary easements or other property interests to allow access to the storm water management facilities for inspection and maintenance purposes.”

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

**\*Measurable Goals:**

Public Works or designated representative to inspect the facilities as required by the City Code. Review and update existing procedures and record keeping methods for site inspections and maintenance of BMP's.  
Consider establishing a funding source to address long term operation and maintenance of post-construction BMP's.

**\*Timeline/Implementation Schedule:**

2006 - 2010: Continue with maintenance inspections.  
Update existing procedures and processes if necessary, including ordinances, to assure that any privately owned structural stormwater BMP's have identified responsible parties for long term maintenance on the property deed.

**Specific Components and Notes:**

Currently, all stormwater management facilities must have a plan of operation and maintenance and those responsible entities bear financial burden of funding those plans. Additionally, the City of Oak Grove inspects the quality and functionality of constructed BMP's before acceptance.

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

Name: Tim Smith  
Department: Public Works  
Phone: 763-434-1441  
E-mail: tpsogpw@hotmail.com

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## BMP Summary Sheet

**MS4 Name:** City of Oak Grove  
**Minimum Control Measure:** 6-POLLUTION PREVENTION/GOOD HOUSEKEEPING  
**Unique BMP Identification Number:** 6a-1

<p><b>*BMP Title:</b> Municipal Operations and Maintenance Program</p>
<p><b>*BMP Description:</b></p> <p>The City will implement Stormwater System Maintenance Training Program. The program will focus on the components listed below. The City will train employees on proper maintenance of the storm sewer system and source management.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP: 6b-2 - 6b-7</p>
<p><b>*Measurable Goals:</b></p> <p>Complete Storm Water System Maintenance Training Program. Number of employees trained per year.</p>
<p><b>*Timeline/Implementation Schedule:</b></p> <p>2008: Create a training program. 2009: Implement training program. Annual Updates</p>
<p><b>Specific Components and Notes:</b></p> <p>Storm drainage system inspection and cleaning. Pond and outfall inspection and cleaning procedure program. Street deicing program. Street Sweeping.</p>
<p><b>*Responsible Party for this BMP:</b></p> <p>Name: Tim Smith Department: Public Works Phone: 763-434-1441 E-mail: tpsogpw@hotmail.com</p>

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## BMP Summary Sheet

**MS4 Name:** City of Oak Grove  
**Minimum Control Measure:** 6-POLLUTION PREVENTION/GOOD HOUSEKEEPING  
**Unique BMP Identification Number:** 6a-2

<p><b>*BMP Title:</b> Street Sweeping**</p>
<p><b>*BMP Description:</b></p> <p>The City currently contracts a privately owned company to remove sediment and debris from the road surface and minimize the amount received by the storm sewer system. The City plans to continue to use the current system of urban street sweeping. There are only three developments that have an urban street section.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP:</p>
<p><b>*Measurable Goals:</b></p> <p>Annual urban street sweeping (100% of the urban streets). Number of street miles swept.</p>
<p><b>*Timeline/Implementation Schedule:</b></p> <p>2006 - 2010: Continue contracted street sweeping annually.</p>
<p><b>Specific Components and Notes:</b></p> <p>Sweeping Schedule.</p>
<p><b>*Responsible Party for this BMP:</b></p> <p>Name: Tim Smith Department: Public Works Phone: 763-434-1441 E-mail: tpsogpw@hotmail.com</p>

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## BMP Summary Sheet

**MS4 Name:** City of Oak Grove  
**Minimum Control Measure:** 6-POLLUTION PREVENTION/GOOD HOUSEKEEPING  
**Unique BMP Identification Number:** 6a-3

<p><b>*BMP Title:</b> Municipal Operations and Maintenance Program – Street Deicing Program</p>
<p><b>*BMP Description:</b> The City will develop a program to track the amount of road salt applied during an annual reporting cycle.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP:</p>
<p><b>*Measurable Goals:</b> Sensible Salt Program. Document Amount of salt applied to street. Document Amount of sand applied to street. Public Works will conduct the training of employees and discuss snowplowing issues at the annual meeting.</p>
<p><b>*Timeline/Implementation Schedule:</b> 2006 - 2010: Continue Street Deicing Program and document road salt applied to roadways.</p>
<p><b>Specific Components and Notes:</b> Include the information in the MS4 annual report.</p>
<p><b>*Responsible Party for this BMP:</b> Name: Tim Smith Department: Public Works Phone: 763-434-1441 E-mail: tpsogpw@hotmail.com</p>

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



## BMP Summary Sheet

**MS4 Name:** City of Oak Grove  
**Minimum Control Measure:** 6-POLLUTION PREVENTION/GOOD HOUSEKEEPING  
**Unique BMP Identification Number:** 6a-4

<p><b>*BMP Title:</b> Municipal Operations and Maintenance Program – Equipment Maintenance Program</p>
<p><b>*BMP Description:</b></p> <p>The City currently operates an Automobile Maintenance Program that requires inspection, corrective actions, and employee training. The city plans to continue with the program and report the percentage of vehicles inspected and the number of employees trained in proper procedures.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP:</p>
<p><b>*Measurable Goals:</b></p> <p>Number of vehicles in fleet inspected each year. Number of employees trained per year in vehicle maintenance and reporting procedures.</p>
<p><b>*Timeline/Implementation Schedule:</b></p> <p>2006 - 2010: Continue with the program and report the percentage of vehicles inspected and the number of employees trained in proper procedures.</p>
<p><b>Specific Components and Notes:</b></p> <p>Include the information in the MS4 annual report.</p>
<p><b>*Responsible Party for this BMP:</b></p> <p>Name: Tim Smith Department: Public Works Phone: 763-434-1441 E-mail: tpsogpw@hotmail.com</p>

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## BMP Summary Sheet

**MS4 Name:** City of Oak Grove  
**Minimum Control Measure:** 6-POLLUTION PREVENTION/GOOD HOUSEKEEPING  
**Unique BMP Identification Number:** 6a-7

<p><b>*BMP Title:</b> Municipal Operations and Maintenance Program – Fertilizer Application Program</p>
<p><b>*BMP Description:</b></p> <p>The City currently operates a fertilizer application program. The city trains new employees on the proper application. The city will document the amount of fertilizer applied.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP:</p>
<p><b>*Measurable Goals:</b></p> <p>No phosphorus fertilizer. Annual Employee Training.</p>
<p><b>*Timeline/Implementation Schedule:</b></p> <p>2006 - 2010: Continue with Program and document the amount of fertilizer applied.</p>
<p><b>Specific Components and Notes:</b></p>
<p><b>*Responsible Party for this BMP:</b></p> <p>Name: Tim Smith Department: Public Works Phone: 763-434-1441 E-mail: tpsogpw@hotmail.com</p>

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

## BMP Summary Sheet

**MS4 Name:** City of Oak Grove  
**Minimum Control Measure:** 6-POLLUTION PREVENTION/GOOD HOUSEKEEPING  
**Unique BMP Identification Number:** 6a-8

<p><b>*BMP Title:</b> Municipal Operations and Maintenance Program – Municipal Lawn Care Program</p>
<p><b>*BMP Description:</b></p> <p>The City currently operates a lawn care program. Every year all employees in the department are required to complete training as required by OSHA.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP:</p>
<p><b>*Measurable Goals:</b></p> <p>Proper discharge of grass clippings.</p>
<p><b>*Timeline/Implementation Schedule:</b></p> <p>2006 - 2010: Continue existing training program</p>
<p><b>Specific Components and Notes:</b></p>
<p><b>*Responsible Party for this BMP:</b></p> <p>Name: Tim Smith Department: Public Works Phone: 763-434-1441 E-mail: tpsogpw@hotmail.com</p>

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



## BMP Summary Sheet

**MS4 Name:** City of Oak Grove  
**Minimum Control Measure:** 6-POLLUTION PREVENTION/GOOD HOUSEKEEPING  
**Unique BMP Identification Number:** 6b-3

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

**\*BMP Description:**

The City will inspect 20% of the outfalls, sediment basins, and ponds each year. The City will reevaluate the inspection intervals in 2008 according to the results of the first two reporting years. The goal is to operate and maintain the City of Oak Grove's stormwater system in a manner that reduces the discharge of pollutants to the maximum extent possible. The Inspections will be documented and will include the location and description.

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

The information included or referenced on this sheet is intended to meet all SWPPP requirements.

**\*Measurable Goals:**

20% of MS4 outfalls, sediment basins and ponds each year.  
Outfall cleaning procedures and outfall inspection schedule.  
Number of outfalls full of sediment or debris.

**\*Timeline/Implementation Schedule:**

2006 - 2010: Inspect 20% of the outfalls, sediment basins, and ponds each year.  
2008: Re-evaluate inspection intervals from history.

**Specific Components and Notes:**

Outfall, sediment basins, and pond inspection form.  
Storm Sewer system map 3a-1.

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

Name: Tim Smith  
Department: Public Works  
Phone: 763-434-1441  
E-mail: tpsogpw@hotmail.com

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

## BMP Summary Sheet

**MS4 Name:** City of Oak Grove  
**Minimum Control Measure:** 6-POLLUTION PREVENTION/GOOD HOUSEKEEPING  
**Unique BMP Identification Number:** 6b-4

<p><b>*BMP Title:</b> Annual Inspection of All Exposed Stockpile, Storage and Material Handling Areas</p>
<p><b>*BMP Description:</b> Inspect all exposed stockpile, storage and material handling areas at least annually.</p> <p>Location(s) in SWPPP of detailed information relating to this BMP: The information included or referenced on this sheet is intended to meet all SWPPP requirements.</p>
<p><b>*Measurable Goals:</b> Number of exposed stockpiles inspected or impacts reduced.</p>
<p><b>*Timeline/Implementation Schedule:</b> 2006 - 2010: Annual Inspection of All Exposed Stockpile, Storage and Material Handling Areas.</p>
<p><b>Specific Components and Notes:</b> Areas will be evaluated as to their risk of discharging pollutants to surface waters and changed if necessary.</p>
<p><b>*Responsible Party for this BMP:</b> Name: Tim Smith Department: Public Works Phone: 763-434-1441 E-mail: tpsogpw@hotmail.com</p>

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## BMP Summary Sheet

**MS4 Name:** City of Oak Grove  
**Minimum Control Measure:** 6-POLLUTION PREVENTION/GOOD HOUSEKEEPING  
**Unique BMP Identification Number:** 6b-5

<b>*BMP Title:</b> Inspection Follow-up Including the Determination of Whether Repair, Replacement, or Maintenance Measures are Necessary and the Implementation of the Corrective Measures
<b>*BMP Description:</b> Based on inspections, the City will determine if repair, replacement, or maintenance measures are necessary for proper operation and to prevent environmental impacts such as erosion. The necessary measures shall be completed as soon as possible, usually during the same year as the inspection. When this is not practicable, the reasons and a schedule for completion shall be submitted in the annual report.  Location(s) in SWPPP of detailed information relating to this BMP: The information included or referenced on this sheet is intended to meet all SWPPP requirements.
<b>*Measurable Goals:</b> Sump/Inlet cleaning and inspection schedule. Number of Sumps cleaned and inspected. Number of Sumps full of sediment or debris.
<b>*Timeline/Implementation Schedule:</b> 2006: Document existing repair, replacement and maintenance measures. 2006 - 2010: Continue with Storm Drainage System Inspection and Cleaning.
<b>Specific Components and Notes:</b>
<b>*Responsible Party for this BMP:</b> Name: Tim Smith Department: Public Works Phone: 763-434-1441 E-mail: tpsogpw@hotmail.com

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# BMP Summary Sheet

**MS4 Name:** City of Oak Grove  
**Minimum Control Measure:** ADDITIONAL BMP's – IV.D Section 303(d) listing  
**Unique BMP Identification Number:** Section IV.D-1

**\*BMP Title:** Impaired Waters Review Process

**\*BMP Description:**

The City of Oak Grove will review all discharges from our MS4 system to impaired waters, as defined by the current USEPA approved 303(d) list. This list is expected to be updated every other year on the even number years. In this review, the City will:

- Identify the impaired waters that are likely to be impacted by the MS4's stormwater discharge.
- Use a combination of storm sewer maps and field surveys to identify all potential stormwater discharges to impaired waters.
- Delineate the watershed area(s) that contribute to the above discharge(s).
- Evaluated the hydrology, land use, and other characteristics of the watershed area(s) that may impact the impaired water as a result of a stormwater discharge from our MS4.

Based on a review of the above, the City will determine if any changes to the existing stormwater system or BMP's are needed to minimize the impact of discharges from our MS4 to any impaired waters. If changes or modifications are deemed necessary, the City of Oak Grove will modify our SWPPP and submit these modifications to the MPCA with our current annual report. In our review, we will consider timing and long and short term costs. All assumptions, reasoning, and justification used to reach a conclusion on whether or not SWPPP revisions are necessary will be documented in the decision making process and records of this determination will be kept along with all records associated with the MS4 permit. A narrative summary of this review will then be prepared, and identify any associated SWPPP revisions that were made.

For impaired waters that do not currently have an USEPA-approved TMDL, the permit requires the city to determine whether changes are warranted in the City SWPPP to reduce the impact of discharges.

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

The information included or referenced on this sheet is intended to meet all SWPPP requirements.

**\*Measurable Goals:**

Establish a baseline of information – determine what processes are in place and what has already been accomplished that will help meet these permit conditions.

Prepare a projected schedule and timeline to incorporate any necessary changes into the SWPPP.

The City of Oak Grove will determine if discharges from our MS4 system enter the following impaired waters, as defined by the current USEPA approved 303(d) list: (Water Body, Impairment)

- Rum River – Mercury in Fish Tissue
- Lake George – Mercury in Fish Tissue
- Mud Lake – Nutrient/Eutrophication Biological Indicators
- Rogers Lake – Nutrient/Eutrophication Biological Indicators

The determination will be made using the Storm Sewer Map and field surveys to identify all potential stormwater discharges. The mercury TMDL is being addressed statewide and is assumed the discharge from Oak Grove is not a source of mercury. The TMDLs for Mud Lake and Rogers Lake are not scheduled to start until 2015 with a targeted completion date of 2019.

**\*Timeline/Implementation Schedule:**

2009: Identify what steps, if any, have already been taken by the City of Oak Grove to meet the requirements of Section IV.D of the MS4 General Permit.

2010: The City of Oak Grove will identify if any of the Impaired Waters (Rum River, Lake George, Mud Lake, and Rogers Lake) are receiving impacts from City MS4 discharges and locate discharges.

2010: Develop a map of discharges and delineate any watersheds contributing runoff to impaired waters

2010: The City will correlate the Impaired Waters watersheds with the stormwater model and will complete an evaluation of hydrology, land use and runoff. The City will evaluate changes to its storm sewer system to reduce the impacts to the Impaired Waters.

Beginning with the 2009 Annual Report: The City will submit an attachment to the Annual Report to the MPCA, the assessment, response to any public comments, plan for ongoing work elements and any proposed changes to the SWPPP necessitated by the assessment process.

Ongoing: The City will review, evaluate, and incorporate changes to the SWPPP as TMDL goals are established and published for these waters.

**Specific Components and Notes:**

The steps listed in this BMP will be executed in response to the listing of impaired waters. The date, information, and understanding of the water quality problems and solutions for the impaired waters will be significantly less at the time of the preparation of these materials than when the TMDL Study and the Waste Load Allocation have been completed. For this reason, this process is to be reassessed annually over the course of the permit cycle. As new 303(d) lists with additional impaired waters listed are published in the future, the City will review changes to the list and conduct the necessary review of additional listed waters likely to be impacted by the MS4's stormwater discharge.

The City's analysis and response for this BMP will be based on data and information that are readily available at the time. When an USEPA approved TMDL is finalized, the City intends to fully comply with all limits and requirements set forth in the TMDL in accordance with the schedule(s) outlined in the TMDL and the MS4 permit.

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

Name: Brian D. Miller

Department: City Engineering

Phone: 763-786-4570

E-mail: Brian.Miller@BDMCE.com

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

# BMP Summary Sheet

**MS4 Name:** City of Oak Grove  
**Minimum Control Measure:** ADDITIONAL BMP's – IX Appendix C. Part B  
**Unique BMP Identification Number:** Section IX.B

**\*BMP Title:** Discharges to Waters with Prohibited or Restricted Discharges Assessment

**\*BMP Description:**

Stormwater runoff from the City of Oak Grove discharges to waters that eventually discharge to the Rum River, which is an outstanding Resource Value Waters (ORVW) with a restricted discharge per Minnesota Rules 7050. The Rum River was designated as an ORVW in 1978. The City adopted a Local Surface Water Management Plan in 2000, which has been updated over time. An Updated Local Surface Water Management Plan has been prepared for 2009 and is currently in the agency comment and review phase. The anticipated completion date for this updated plan is in late April 2009.

The City will implement the Water Quality Standard Parameters and Data Requirements, Water Quality Standards (Thresholds) and Actions triggered by Water Quality Exceedances for Lake George and the Rum River as established by the Upper Rum River Watershed Management Organization (URRWMO).

The City may develop ordinances requiring Best Management Practices (BMP's), such as infiltration standards, which are designed to avoid new or expanded discharges to the Rum River.

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

The information included or referenced on this sheet is intended to meet all SWPPP requirements.

**\*Activity Implementation Plan:**

- This BMP includes establishment of a baseline of information and determine what processes are in place and what has already been accomplished that will help meet the permit conditions.
- This BMP includes preparation of a written inventory of all stormwater discharges to the prohibited or restricted water(s) from within the jurisdictional boundaries of the MS4; compile necessary detail about the stormwater discharges to assess the impacts and alternatives.
- Prepare a map that includes all the delineated sub-watershed(s) covering the MS4 that discharge to the ORVW, including the identified discharge points and routes to the ORVW waters that the MS4 discharge may impact.
- Evaluate past and future changes in the watersheds, beginning in 1978 and projected out at least through 2020.
- Determine if a new or expanded discharge has or would occur and the magnitude of the potential changes.
- Evaluate alternatives to the discharge.
- Propose methods of eliminating the discharge.
- Prepare a projected schedule and timeline to incorporate any necessary changes into the SWPPP.

**\*Timeline/Implementation Schedule:**

June 2009: Adopt Updated Local Surface Water Management Plan

2009: Identify the steps already taken or will be taken by the City of Oak Grove to meet the requirements of Section IX. Appendix C Part B of the MS4 General Permit.

2010: The City will identify and locate any OVW waters likely receiving impacts from stormwater discharges.

2010: Delineate watersheds contributing runoff to ORVW waters.

2010: Develop a Map of discharges, OVW waters, and watersheds.

June 30, 2010: The City of Oak Grove will submit as an attachment to the Annual Report to the MPCA, the assessment, response to any public comments, plan for ongoing work elements and any proposed changes to the SWPPP that have been deemed necessary through this assessment process. The assessment will include the various items described under the Activity Implementation Plan section above.

September 2010: Prepare, adopt, and enforce an ordinance which is designed to avoid new or expanded discharges to the Rum River.

**Specific Components and Notes:**

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

Name: Brian D. Miller

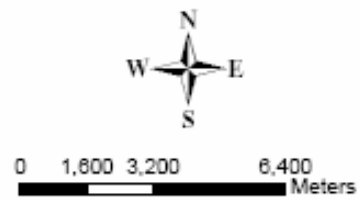
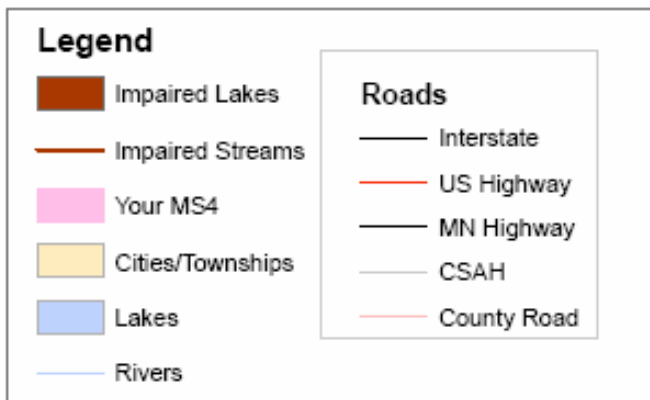
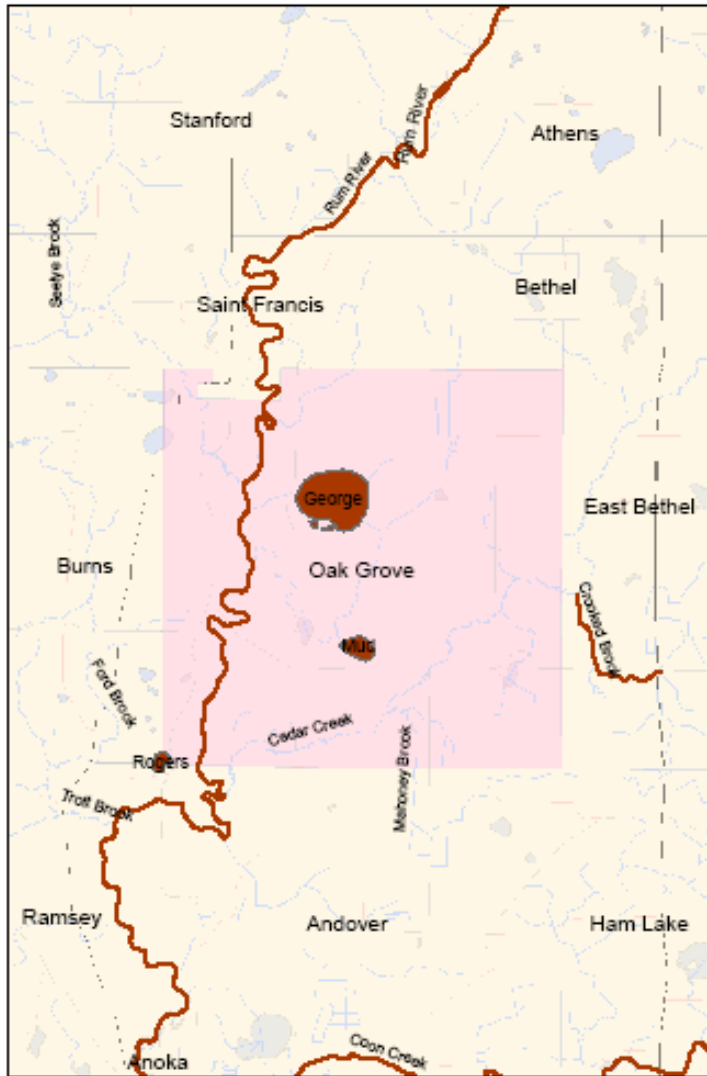
Department: City Engineering

Phone: 763-786-4570

E-mail: Brian.Miller@BDMCE.com

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

# Oak Grove City MS4 Impaired Waters 8/1/2006





## **APPENDIX I**

## **APPENDIX II**



[http://epadev.induscorp.com/epadevdb\\_tmdl\\_web/enviro.control?p\\_list\\_id=MN07010207-503&p\\_cycle=2006](http://epadev.induscorp.com/epadevdb_tmdl_web/enviro.control?p_list_id=MN07010207-503&p_cycle=2006)  
Last updated on Wednesday, February 25th, 2009.

## Total Maximum Daily Loads

You are here: [EPA Home](#) [Water](#) [Wetlands, Oceans, Watersheds](#) [TMDLs](#) [TMDL Reports](#)

### Listed Water Information

#### CYCLE : 2006

Click [here](#) to see metadata for this report.

**Cycle:** 2006 **State:** MN **List ID:** MN07010207-503

**Waterbody Name:** RUM RIVER; SEELYE BK TO CEDAR CR

**State Basin Name:** UPPER MISSISSIPPI RIVER

**Listed Water Map Link:** [Map Impaired Water](#)

#### Other Impaired Water 303(d) List Information

The most current report available for this water body is 2006.

Data are also available for these years: [2004](#) [2002](#)

#### State List IDs:

Cycle	State List ID
2002	07010207-503
2004	MN07010207-503
2006	07010207-503

#### State Impairments:

State Impairment	Parent Impairment	Priority	Rank	Targeted Flag	Anticipated TMDL Submittal
FCA (MERCURY)	MERCURY				DEC-31-2011

#### Potential Sources of Impairment:

There were no potential sources reported to EPA by the state.

#### Total Maximum Daily Load (TMDL) Information:

Note: Click on the underlined TMDL Document Name for a detailed TMDL Document Report.						
TMDL Document Name	Status	Actual TMDL Establishment Date	TMDL Pollutant Description	TMDL Pollutant Test	Cycles Listed	State Impairment
<a href="#">REVISED MINNESOTA MERCURY - SOUTHWEST REGION</a>	APPROVED/ESTABLISHED	APR-03-2008	MERCURY	POINT/NONPOINT SOURCE	2006, 2004, 2002	FCA (MERCURY)

#### Watershed Information:

Watershed Name	Watershed States
RUM	MINNESOTA

[http://epadev.induscorp.com/epadevdb\\_tmdl\\_web/enviro.control?p\\_list\\_id=MN07010207-...](http://epadev.induscorp.com/epadevdb_tmdl_web/enviro.control?p_list_id=MN07010207-...) 2/25/2009



[http://epadev.induscorp.com/epadevdb\\_tmdl\\_web/enviro.control?p\\_list\\_id=MN29-0216-00&p\\_cycle=2006](http://epadev.induscorp.com/epadevdb_tmdl_web/enviro.control?p_list_id=MN29-0216-00&p_cycle=2006)

Last updated on Wednesday, February 25th, 2009.

## Total Maximum Daily Loads

You are here: [EPA Home](#) [Water](#) [Wetlands, Oceans, Watersheds](#) [TMDLs](#) [TMDL Reports](#)

### Listed Water Information

#### CYCLE : 2006

[Click here to see metadata for this report.](#)

**Cycle:** 2006 **State:** MN **List ID:** MN29-0216-00

**Waterbody Name:** GEORGE

**State Basin Name:** UPPER MISSISSIPPI RIVER

**Listed Water Map Link:** [Map Impaired Water](#)

#### Other Impaired Water 303(d) List Information

The most current report available for this water body is 2006.

Data are also available for these years: [2004](#) [2002](#)

#### State List IDs:

Cycle	State List ID
2002	29-0216-00
2004	MN29-0216
2006	29-0216-00

#### State Impairments:

State Impairment	Parent Impairment	Priority	Rank	Targeted Flag	Anticipated TMDL Submittal
FCA (MERCURY)	MERCURY				DEC-31-2011

#### Potential Sources of Impairment:

There were no potential sources reported to EPA by the state.

#### Total Maximum Daily Load (TMDL) Information:

Note: Click on the underlined TMDL Document Name for a detailed TMDL Document Report.

TMDL Document Name	Status	Actual TMDL Establishment Date	TMDL Pollutant Description	TMDL Pollutant Test	Cycles Listed	State Impairment
<a href="#">REVISED MINNESOTA MERCURY - NORTHEAST REGION</a>	APPROVED/ESTABLISHED	APR-03-2008	MERCURY	POINT/NONPOINT SOURCE	2006, 2004, 2002	FCA (MERCURY)

#### Watershed Information:

Watershed Name	Watershed States
MISSISSIPPI HEADWATERS	MINNESOTA

[http://epadev.induscorp.com/epadevdb\\_tmdl\\_web/enviro.control?p\\_list\\_id=MN29-0216-0...](http://epadev.induscorp.com/epadevdb_tmdl_web/enviro.control?p_list_id=MN29-0216-0...) 2/25/2009



[http://epadev.induscorp.com/epadevdb\\_tmdl\\_web/enviro.control?p\\_list\\_id=MN02-0104-00&p\\_cycle=2006](http://epadev.induscorp.com/epadevdb_tmdl_web/enviro.control?p_list_id=MN02-0104-00&p_cycle=2006)  
Last updated on Wednesday, February 25th, 2009.

## Total Maximum Daily Loads

You are here: [EPA Home](#) [Water](#) [Wetlands, Oceans, Watersheds](#) [TMDLs](#) [TMDL Reports](#)

### Listed Water Information

#### CYCLE : 2006

Click [here](#) to see metadata for this report.

**Cycle:** 2006 **State:** MN **List ID:** MN02-0104-00

**Waterbody Name:** ROGERS

**State Basin Name:** UPPER MISSISSIPPI RIVER

**Listed Water Map Link:** No Mapping Data

#### Other Impaired Water 303(d) List Information

The most current report available for this water body is 2006.

#### Comments:

EXCESS NUTRIENTS

#### State List IDs:

Cycle	State List ID
2006	02-0104-00

#### State Impairments:

State Impairment	Parent Impairment	Priority	Rank	Targeted Flag	Anticipated TMDL Submittal
NUTRIENTS	NUTRIENTS				DEC-31-2019

#### Potential Sources of Impairment:

There were no potential sources reported to EPA by the state.

#### Total Maximum Daily Load (TMDL) Information:

There were no TMDLs reported to EPA by the state.

#### Watershed Information:

Watershed Name	Watershed States
RUM	MINNESOTA

[http://epadev.induscorp.com/epadevdb\\_tmdl\\_web/enviro.control?p\\_list\\_id=MN02-0104-0...](http://epadev.induscorp.com/epadevdb_tmdl_web/enviro.control?p_list_id=MN02-0104-0...) 2/25/2009



http://epadev.induscorp.com/epadevdb\_tmdl\_web/enviro.control?p\_list\_id=MN02-0097-00&p\_cycle=2006  
Last updated on Wednesday, February 25th, 2009.

## Total Maximum Daily Loads

You are here: [EPA Home](#) [Water](#) [Wetlands, Oceans, Watersheds](#) [TMDLs](#) [TMDL Reports](#)

### Listed Water Information

#### CYCLE : 2006

Click [here](#) to see metadata for this report.

**Cycle:** 2006 **State:** MN **List ID:** MN02-0097-00

**Waterbody Name:** MUD

**State Basin Name:** UPPER MISSISSIPPI RIVER

**Listed Water Map Link:** No Mapping Data

#### Other Impaired Water 303(d) List Information

The most current report available for this water body is 2006.

#### Comments:

EXCESS NUTRIENTS

#### State List IDs:

Cycle	State List ID
2006	02-0097-00

#### State Impairments:

State Impairment	Parent Impairment	Priority	Rank	Targeted Flag	Anticipated TMDL Submittal
NUTRIENTS	NUTRIENTS				DEC-31-2019

#### Potential Sources of Impairment:

There were no potential sources reported to EPA by the state.

#### Total Maximum Daily Load (TMDL) Information:

There were no TMDLs reported to EPA by the state.

#### Watershed Information:

Watershed Name	Watershed States
RUM	MINNESOTA

http://epadev.induscorp.com/epadevdb\_tmdl\_web/enviro.control?p\_list\_id=MN02-0097-0... 2/25/2009

2008 Inventory of Impaired Waters

Reach	Description	Yr	River ID#	Prev ID#	Lake or wetland ID#	Affected use	Pollutant or stressor	TMDL Target start	TMDL Target completion	Cate- gory	Approved TMDL EPA ID#	Year TMDL Plan Approved
Rum River	Cedar Cr to Trott Bk		07010207-502			Aquatic consumption	Mercury in fish tissue			4A		2008
Rum River	Seelye Bk to Cedar Cr		07010207-503			Aquatic consumption	Mercury in fish tissue			4A		2008
Rum River	Stanchfield Cr to Seelye Bk		07010207-504			Aquatic consumption	Mercury in fish tissue			4A		2008
Rum River	Headwaters (Mille Lacs Lk 48-0002-00) to Ogechie Lk		07010207-509			Aquatic consumption	Mercury in fish tissue			4A		2008
Rum River	Lk Onamia to Tibbetts Bk		07010207-510			Aquatic consumption	Mercury in fish tissue			4A		2008
Rum River	Tibbetts Bk to Bogus Bk		07010207-511			Aquatic consumption	Mercury in fish tissue			4A		2008
Rum River	Bogus Bk to W Br Rum R		07010207-512			Aquatic consumption	Mercury in fish tissue			4A		2008
Rum River	W Br Rum R to Stanchfield Cr		07010207-555			Aquatic consumption	Mercury in fish tissue			4A		2008
Rum River	Trott Cr to Madison/Rice St in Anoka		07010207-556			Aquatic consumption	Mercury in fish tissue			4A		2008
Rum River	Madison/Rice St in Anoka to Mississippi R		07010207-583	508		Aquatic consumption	Mercury in fish tissue			4A		2008
Rum River	Ogechie Lk to Shakopee Lk		07010207-585	508		Aquatic consumption	Mercury in fish tissue			4A		2008
Rum River	Shakopee Lk to Lk Onamia											

2008 TMDL List - Final

6-10-2008

Reach	Description	Yr <sup>1,2</sup>	River ID# <sup>4</sup>	Prev ID# <sup>3</sup>	Lake or wetland ID# <sup>6</sup>	Affected use	Pollutant or stressor <sup>3</sup>	Target start <sup>1</sup>	Target completion <sup>1</sup>	Cate-gory <sup>14</sup>
George	Lake or Reservoir	02	0702x		07-0047-00	Aquatic consumption	Mercury in fish tissue	2002	2015	5C



2008 Inventory of impaired waters

Reach	Description	Yr	River ID#	Prev Lake or wetland ID#	Affected use	Pollutant or stressor	TMDL Target start	TMDL Target completion	Category	Approved TMDL EPA ID#	Year TMDL Plan Approved
George	Lake or Reservoir		0701x	02-0091-00	Aquatic consumption	Mercury in fish tissue			4A	32414	2008
Mud	Lake or Reservoir	06	0701x	02-0097-00	Aquatic recreation	Nutrient/Eutrophication	2015	2019	5C		
Rogers	Lake or Reservoir	06	0701x	02-0104-00	Aquatic recreation	Nutrient/Eutrophication	2015	2019	5C		