

SWPPP

(Storm Water Pollution Prevention Plan)
City of Chaska



MS4 Owner:

Name:	City of Chaska
Mailing Address:	One City Hall Plaza
City:	Chaska
State:	MN
Zip Code:	55318
County:	Carver

General Contact for Permit Compliance:

Name of Responsible Official:	William Monk
Title:	City Engineer
County:	Carver
Mailing Address:	One City Hall Plaza
City:	Chaska
State:	MN
Zip Code:	55318
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Public Education and Outreach

BMP Page

MS4 Name: City of Chaska

Unique Identifying Number: 1-1

Minimum Control Measures Addressed by This BMP

<input checked="" type="checkbox"/>	Public education & outreach	<input type="checkbox"/>	Construction site runoff controls
<input type="checkbox"/>	Public participation & involvement	<input type="checkbox"/>	Post-construction storm water management
<input type="checkbox"/>	Illicit discharge detection & elimination	<input type="checkbox"/>	Pollution prevention/Good housekeeping

BMP Title: City Council Presentation	
BMP Description: Chaska Staff will make a presentation to the City Council on an annual basis to increase their awareness of stormwater issues and the importance of SWPPP implementation. This presentation will also give the public a general understanding of the Permit requirements, proper stormwater practices to minimize discharge into the City's MS4, and progress towards reaching the City's measurable goals listed in the SWPPP.	
Measurable Goals: • Completed Presentation.	Timeline / Implementation Schedule: • 2006-2011: Conduct presentation to City Council
Specific Components & Notes (optional):	
Responsible Party	Responsible Department
Name: Bill Monk	Title: City Engineer
Title: City Engineer	Dept. Head: Bill Monk
Phone: (952) 448-2851	Phone: (952) 448-2851
E-mail: bmonk@chaska.net	E-mail: bmonk@chaska.net
Educational components related to this BMP (description or number – optional): Audience: City Council, general public, contractors, developers, business owners Educational goal: Increase awareness in storm water management and related non-point pollution. Address the details of Chaska's SWPPP and describe the plan's implementation and effectiveness. Activities: See BMP Description above Implementation Plans: See Timeline/Implementation Schedule above Performance Measures: See Measurable Goals above	

BMP Page

MS4 Name: City of Chaska

Unique Identifying Number: 1-2

Minimum Control Measures Addressed by This BMP

<input checked="" type="checkbox"/>	Public education & outreach	<input type="checkbox"/>	Construction site runoff controls
<input type="checkbox"/>	Public participation & involvement	<input type="checkbox"/>	Post-construction storm water management
<input type="checkbox"/>	Illicit discharge detection & elimination	<input checked="" type="checkbox"/>	Pollution prevention/Good housekeeping

<u>BMP Title:</u> City Staff Presentation	
<u>BMP Description:</u> Presentation will be made to appropriate City Staff on an annual basis to review current NPDES regulations and components of Chaska's SWPPP. Specific items addressed may include stormwater maintenance, open space and land disturbance, fleet and building operation and maintenance, and park and open space maintenance.	
<u>Measurable Goals:</u> • Completed Presentation.	<u>Timeline / Implementation Schedule:</u> • 2006-2011: Conduct presentation to City staff
<u>Specific Components & Notes (optional):</u> • Fleet and Building Maintenance • Park and Open Space Maintenance • New Construction and Land Disturbance • Storm Water System Maintenance	
<u>Responsible Party</u>	<u>Responsible Department</u>
Name: Bill Monk	Title: City Engineer
Title: City Engineer	Dept. Head: Bill Monk
Phone: (952) 448-2851	Phone: (952) 448-2851
E-mail: bmonk@chaska.net	E-mail: bmonk@chaska.net
<u>Educational components related to this BMP (description or number – optional):</u> Audience: City Staff associated with storm water management Educational goal: Increase Staff's awareness in storm water management and related non-point pollution. Address the details of Chaska's SWPPP and effective means for its implementation. Activities: See BMP Description above Implementation Plans: See Timeline/Implementation Schedule above Performance Measures: See Measurable Goals above	

BMP Page

MS4 Name: City of Chaska

Unique Identifying Number: 1-3

Minimum Control Measures Addressed by This BMP

<input checked="" type="checkbox"/>	Public education & outreach	<input checked="" type="checkbox"/>	Construction site runoff controls
<input checked="" type="checkbox"/>	Public participation & involvement	<input checked="" type="checkbox"/>	Post-construction storm water management
<input checked="" type="checkbox"/>	Illicit discharge detection & elimination	<input checked="" type="checkbox"/>	Pollution prevention/Good housekeeping

<u>BMP Title:</u> City Newsletter	
<u>BMP Description:</u> Chaska publishes a quarterly newsletter as an insert in the "Chaska Herald" local newspaper that is distributed city-wide. The City will include relevant stormwater articles into the newsletter to address each minimum control measure. Articles will provide the general public awareness to public participation efforts, city stormwater practices, and other information related to the SWPPP.	
<u>Measurable Goals:</u>	<u>Timeline / Implementation Schedule:</u>
<ul style="list-style-type: none"> Number of different types of stormwater related articles in newsletter. 	<ul style="list-style-type: none"> 2006-2011: Review and select proper stormwater articles for newsletters. 2006-2011: Annually include stormwater articles in newsletter.
<u>Specific Components & Notes (optional):</u>	
Material from outside entities which provide stormwater education pertaining to the City issues will be evaluated and included as appropriate.	
<u>Responsible Party</u>	<u>Responsible Department</u>
Name: Bill Monk	Title: City Engineer
Title: City Engineer	Dept. Head: Bill Monk
Phone: (952) 448-2851	Phone: (952) 448-2851
E-mail: bmonk@chaska.net	E-mail: bmonk@chaska.net
<u>Educational components related to this BMP (description or number – optional):</u>	
Audience: General public	
Educational goal: Increase general awareness to storm water management, non-point source pollution, NPDES permit and SWPPP.	
Activities: See BMP Description above	
Implementation Plans: See Timeline/Implementation Schedule above	
Performance Measures: See Measurable Goals above	

BMP Page

MS4 Name: City of Chaska

Unique Identifying Number: 1-4

Minimum Control Measures Addressed by This BMP

<input checked="" type="checkbox"/>	Public education & outreach	<input type="checkbox"/>	Construction site runoff controls
<input checked="" type="checkbox"/>	Public participation & involvement	<input type="checkbox"/>	Post-construction storm water management
<input type="checkbox"/>	Illicit discharge detection & elimination	<input type="checkbox"/>	Pollution prevention/Good housekeeping

<u>BMP Title:</u> Educational Events and Brochures	
<u>BMP Description:</u> Work with Carver County (Watershed Authority), U of M Extension Service and the Carver soil and Water Conservation District (CSWCD) on conducting educational events and brochures related to storm water runoff and non-point source pollution.	
<u>Measurable Goals:</u>	<u>Timeline / Implementation Schedule:</u>
<ul style="list-style-type: none"> • Number of Events Conducted • Number of Brochures Prepared and Distributed 	<ul style="list-style-type: none"> • 2006-2011: Continue coordination with other agencies
<u>Specific Components & Notes (optional):</u>	
<u>Responsible Party</u>	
Name: Bill Monk	Title: City Engineer
Title: City Engineer	Dept. Head: Bill Monk
Phone: (952) 448-2851	Phone: (952) 448-2851
E-mail: bmonk@chaska.net	E-mail: bmonk@chaska.net
<u>Educational components related to this BMP (description or number – optional):</u>	
Audience: General public, contractors, developers, and business owners	
Educational goal: Educate and remind the public on issues related to storm water management and ways to address non-point source pollution.	
Activities: See BMP Description above	
Implementation Plans: See Timeline/Implementation Schedule above	
Performance Measures: See Measurable Goals above	

BMP Page

MS4 Name: City of Chaska

Unique Identifying Number: 1-5

Minimum Control Measures Addressed by This BMP

<input checked="" type="checkbox"/>	Public education & outreach	<input checked="" type="checkbox"/>	Construction site runoff controls
<input checked="" type="checkbox"/>	Public participation & involvement	<input checked="" type="checkbox"/>	Post-construction stormwater management
<input checked="" type="checkbox"/>	Illicit discharge detection & elimination	<input type="checkbox"/>	Pollution prevention/Good housekeeping

<u>BMP Title:</u> City Website	
<u>BMP Description:</u> Chaska's SWPPP will be included in the City's website along with related educational materials. Each year, the City will review the material posted on the web and revise appropriately to address each of the six minimum control measures throughout the calendar year.	
<u>Measurable Goals:</u>	<u>Timeline / Implementation Schedule:</u>
<ul style="list-style-type: none"> • Annual review and revise website • Number of educational articles on website 	<ul style="list-style-type: none"> • 2006: Establish web page for stormwater information • 2007-2011: Revise and update website for each MCM.
<u>Specific Components & Notes (optional):</u>	
<u>Responsible Party</u>	
Name: Bill Monk	Responsible Department
Title: City Engineer	Title: City Engineer
Phone: (952) 448-2851	Dept. Head: Bill Monk
Phone: (952) 448-2851	Phone: (952) 448-2851
E-mail: bmonk@chaska.net	E-mail: bmonk@chaska.net
<u>Educational components related to this BMP (description or number – optional):</u>	
Audience: General public, contractors, developers, and business owners	
Educational goal: Increase awareness of SWPPP and its objectives water management and appropriate practices to address non-point source pollution.	
Activities: See BMP Description above	
Implementation Plans: See Timeline/Implementation Schedule above	
Performance Measures: See Measurable Goals above	

Public Participation and Involvement

BMP Page

MS4 Name: City of Chaska

Unique Identifying Number: 2-1

Minimum Control Measures Addressed by This BMP

<input type="checkbox"/>	Public education & outreach	<input checked="" type="checkbox"/>	Construction site runoff controls
<input checked="" type="checkbox"/>	Public participation & involvement	<input checked="" type="checkbox"/>	Post-construction storm water management
<input checked="" type="checkbox"/>	Illicit discharge detection & elimination	<input checked="" type="checkbox"/>	Pollution prevention/Good housekeeping

<u>BMP Title:</u> Watershed Committee Participation	
<u>BMP Description:</u> As the local watershed authority, Carver County, has organized a Water, Environmental, and Natural Resources Committee. Chaska appoints a committee member to participate in formulation of stormwater regulations, including erosion standards, wetland setbacks, CIP preparation and project financing.	
<u>Measurable Goals:</u> • Annual participation in committee.	<u>Timeline / Implementation Schedule:</u> • 2006-2011: In effect.
<u>Specific Components & Notes (optional):</u>	
<u>Responsible Party</u>	<u>Responsible Department</u>
Name: Bill Monk	Title: City Engineer
Title: City Engineer	Dept. Head: Bill Monk
Phone: (952) 448-2851	Phone: (952) 448-2851
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<u>Educational components related to this BMP (description or number – optional):</u>	

BMP Page

MS4 Name: City of Chaska

Unique Identifying Number: 2-2

Minimum Control Measures Addressed by This BMP

<input checked="" type="checkbox"/>	Public education & outreach	<input checked="" type="checkbox"/>	Construction site runoff controls
<input checked="" type="checkbox"/>	Public participation & involvement	<input checked="" type="checkbox"/>	Post-construction storm water management
<input checked="" type="checkbox"/>	Illicit discharge detection & elimination	<input type="checkbox"/>	Pollution prevention/Good housekeeping

<u>BMP Title:</u> Community Complaint Hotline	
<u>BMP Description:</u> Chaska has established a telephone hotline to allow residents to report illicit discharges, illicit connections, illegal dumping, or construction site runoff control violations. Also, residents can provide comments or complaints related to stormwater items in the City's SWPPP. The city web site and newsletter will provide public awareness of hotline.	
<u>Measurable Goals:</u> <ul style="list-style-type: none"> • Establish hotline • Number of calls logged • Documented follow-up 	<u>Timeline / Implementation Schedule:</u> <ul style="list-style-type: none"> • 2006-2011: Maintain telephone hotline and log calls annually.
<u>Specific Components & Notes (optional):</u>	
<u>Responsible Party</u>	<u>Responsible Department</u>
Name: Bill Monk	Title: City Engineer
Title: City Engineer	Dept. Head: Bill Monk
Phone: (952) 448-2851	Phone: (952) 448-2851
E-mail: bmonk@chaska.net	E-mail: bmonk@chaska.net
<u>Educational components related to this BMP (description or number – optional):</u>	
Audience: General Public	
Educational goal: Allow general public/residents to directly participate in enforcement of SWPPP provisions.	
Activities: See BMP Description above	
Implementation Plans: See Timeline/Implementation Schedule above	
Performance Measures: See Measurable Goals above	

BMP Page

MS4 Name: City of Chaska

Unique Identifying Number: 2-3

Minimum Control Measures Addressed by This BMP

<input checked="" type="checkbox"/>	Public education & outreach	<input type="checkbox"/>	Construction site runoff controls
<input checked="" type="checkbox"/>	Public participation & involvement	<input type="checkbox"/>	Post-construction storm water management
<input type="checkbox"/>	Illicit discharge detection & elimination	<input type="checkbox"/>	Pollution prevention/Good housekeeping

<u>BMP Title:</u> 30-day Public Notice	
<u>BMP Description:</u> The City will publish a 30-day public notice prior to the annual storm water meeting. The meeting will be posted on the website (1-5), in the city newsletter (1-3), local newspaper and any additional location the City feels necessary to allow public knowledge and awareness of the meeting. A copy of the notice will be made available to the Agency and any other appropriate city, county or persons who have requested they be informed of the public meeting.	
<u>Measurable Goals:</u>	<u>Timeline / Implementation Schedule:</u>
<ul style="list-style-type: none"> • Completed public notice requirement • Number of locations notice is posted 	<ul style="list-style-type: none"> • Currently implemented and will continue annually.
<u>Specific Components & Notes (optional):</u>	
<u>Responsible Party</u>	<u>Responsible Department</u>
Name: Bill Monk	Title: City Engineer
Title: City Engineer	Dept. Head: Bill Monk
Phone: (952) 448-2851	Phone: (952) 448-2851
E-mail: bmonk@chaska.net	E-mail: bmonk@chaska.net
<u>Educational components related to this BMP (description or number – optional):</u>	
Audience: General Public, Contractors, Developers, Business Owners	
Educational goal: Give the general public awareness and knowledge of the stormwater meeting date, time, meeting process, and subject.	
Activities: See BMP Description above	
Implementation Plans: See Timeline/Implementation Schedule above	
Performance Measures: See Measurable Goals above	

BMP Page

MS4 Name: City of Chaska

Unique Identifying Number: 2-4

Minimum Control Measures Addressed by This BMP

<input checked="" type="checkbox"/>	Public education & outreach	<input type="checkbox"/>	Construction site runoff controls
<input checked="" type="checkbox"/>	Public participation & involvement	<input type="checkbox"/>	Post-construction storm water management
<input type="checkbox"/>	Illicit discharge detection & elimination	<input type="checkbox"/>	Pollution prevention/Good housekeeping

BMP Title: Annual Stormwater Public Meeting	
BMP Description: Chaska will conduct an Annual Stormwater Public Meeting to solicit input on the City's SWPPP. Notice of this hearing will be published in the official City newspaper, City web page, newsletter, and any other location the City feels necessary to encourage residents to participate. Time will available for the public to make oral statements concerning the SWPPP and submit written comments.	
Measurable Goals: <ul style="list-style-type: none"> • Complete meeting • Number of comments received • Number of attendees at the meeting 	Timeline / Implementation Schedule: <ul style="list-style-type: none"> • 2006-2011: Conduct Annual Stormwater Public meeting 1-3 months prior to Annual Report submittal date.
Specific Components & Notes (optional): 30-day Public Notice	
Responsible Party	Responsible Department
Name: Bill Monk	Title: City Engineer
Title: City Engineer	Dept. Head: Bill Monk
Phone: (952) 448-2851	Phone: (952) 448-2851
E-mail: bmonk@chaska.net	E-mail: bmonk@chaska.net
Educational components related to this BMP (description or number – optional): Audience: General public Educational goal: Solicit public input on SWPPP. Activities: See BMP Description above Implementation Plans: See Timeline/Implementation Schedule above Performance Measures: See Measurable Goals above	

BMP Page

MS4 Name: City of Chaska

Unique Identifying Number: 2-5

Minimum Control Measures Addressed by This BMP

<input checked="" type="checkbox"/>	Public education & outreach	<input type="checkbox"/>	Construction site runoff controls
<input checked="" type="checkbox"/>	Public participation & involvement	<input type="checkbox"/>	Post-construction storm water management
<input type="checkbox"/>	Illicit discharge detection & elimination	<input type="checkbox"/>	Pollution prevention/Good housekeeping

BMP Title: Clean-Up Day	
BMP Description: Chaska conducts a clean-up day twice annually, at which local residents can drop off yard waste at no charge to be disposed properly. By providing a program for residents to dispose of yard waste minimizes the chances of illegal dumping or improper disposal by city residents. The program is locally advertised.	
Measurable Goals: <ul style="list-style-type: none"> • Number of Participants • Amount of yard waste collected 	Timeline / Implementation Schedule: <ul style="list-style-type: none"> • 2006-2011: Conduct program
Specific Components & Notes (optional):	
Responsible Party	Responsible Department
Name: Bill Monk	Title: City Engineer
Title: City Engineer	Dept. Head: Bill Monk
Phone: (952) 448-2851	Phone: (952) 448-2851
E-mail: bmonk@chaska.net	E-mail: bmonk@chaska.net
Educational components related to this BMP (description or number – optional):	
Audience: General public	
Educational goal: Encourage voluntary participation in yard clean-up.	
Activities: See BMP Description above	
Implementation Plans: See Timeline/Implementation Schedule above	
Performance Measures: See Measurable Goals above	

BMP Page

MS4 Name: City of Chaska

Unique Identifying Number: 2-6

Minimum Control Measures Addressed by This BMP

<input checked="" type="checkbox"/>	Public education & outreach	<input checked="" type="checkbox"/>	Construction site runoff controls
<input checked="" type="checkbox"/>	Public participation & involvement	<input checked="" type="checkbox"/>	Post-construction storm water management
<input checked="" type="checkbox"/>	Illicit discharge detection & elimination	<input checked="" type="checkbox"/>	Pollution prevention/Good housekeeping

BMP Title: Coordination with Outside Entities

BMP Description: Whenever possible, the City plans to coordinate with outside entities such as Carver County, appropriate watershed organizations/districts, and neighboring communities and organizations to provide consistent educational materials, messages, and goals for City residents. Also, coordination with other organizations will allow efficient use of educational resources throughout the community.

Measurable Goals:

- Number of educational partnerships
- Annual review of existing public education material available.

Timeline / Implementation Schedule:

- 2006-2011: Review and coordinate with outside entities as appropriate

Specific Components & Notes (optional):

Responsible Party	Responsible Department
Name: Bill Monk	Title: City Engineer
Title: City Engineer	Dept. Head: Bill Monk
Phone: (952) 448-2851	Phone: (952) 448-2851
E-mail: bmonk@chaska.net	E-mail: bmonk@chaska.net

Educational components related to this BMP (description or number – optional):

Audience: County and city staff, watershed district/organization members, general public

Educational goal: Encourage inter-disciplinary collaboration that benefits the MS4 by increasing education and public awareness of impacts on water quality.

Activities: See BMP Description above

Implementation Plans: See Timeline/Implementation Schedule above

Performance Measures: See Measurable Goals above

Illicit Discharge Detection and Elimination

BMP Page

MS4 Name: City of Chaska

Unique Identifying Number: 3-1

Minimum Control Measures Addressed by This BMP

<input type="checkbox"/>	Public education & outreach	<input type="checkbox"/>	Construction site runoff controls
<input type="checkbox"/>	Public participation & involvement	<input checked="" type="checkbox"/>	Post-construction storm water management
<input checked="" type="checkbox"/>	Illicit discharge detection & elimination	<input checked="" type="checkbox"/>	Pollution prevention/Good housekeeping

<u>BMP Title:</u> City-wide storm sewer system map	
<u>BMP Description:</u> The City will continue development of a current storm water system map, including a layout of storm sewers, outfalls, ponds, structural pollution control devices, overland conveyance elements, streams, lakes, and wetlands. This map represents an integral part of an effective inspection and maintenance program.	
<u>Measurable Goals:</u>	<u>Timeline / Implementation Schedule:</u>
<ul style="list-style-type: none"> • Stormsewer system map complete • Annually update map as appropriate 	<ul style="list-style-type: none"> • Prepare map by July 2004 • Update map annually
<u>Specific Components & Notes (optional):</u>	
At a minimum the following items will be incorporated in the map: <ol style="list-style-type: none"> 1. Ponds, streams, lakes and wetlands that are a part of the City's system 2. Structural pollution control devices (grit chamber, separators, etc.) that are part of the City's system 3. All pipes and conveyances in the City's system as a goal, but at a minimum, those pipes that are 24 inches in diameter and over; and 4. Outfalls, including discharges from the City's system to other MS4s, or waters and wetlands that are not part of the City's system, structures that discharge stormwater directly into groundwater; overland discharge points and all other points of discharge from the City's system that are outlets. 	
<u>Responsible Party</u>	<u>Responsible Department</u>
Name: Bill Monk	Title: City Engineer
Title: City Engineer	Dept. Head: Bill Monk
Phone: (952) 448-2851	Phone: (952) 448-2851
E-mail: bmonk@chaska.net	E-mail: bmonk@chaska.net
<u>Educational components related to this BMP (description or number – optional):</u>	

BMP Page

MS4 Name: City of Chaska

Unique Identifying Number: 3-2

Minimum Control Measures Addressed by This BMP

<input type="checkbox"/>	Public education & outreach	<input type="checkbox"/>	Construction site runoff controls
<input type="checkbox"/>	Public participation & involvement	<input checked="" type="checkbox"/>	Post-construction storm water management
<input checked="" type="checkbox"/>	Illicit discharge detection & elimination	<input checked="" type="checkbox"/>	Pollution prevention/Good housekeeping

<u>BMP Title:</u> Storm Water Inspection Program	
<u>BMP Description:</u> Chaska will establish a program to inspect the storm water management system, including pipes, structural pollution control devices, ponds, and overland conveyance systems for illicit connections, illicit discharges, illegal dumping, and maintenance/repair needs. The City currently inspects the entire system on a two-year cycle and will annually review and adjust this frequency based on the results of the inspections and maintenance actions required.	
<u>Measurable Goals:</u>	<u>Timeline / Implementation Schedule:</u>
<ul style="list-style-type: none"> • Amount of storm water system inspected • Number of illicit connections found • Number of illicit connections disconnected • Number of illicit discharges and/or illegal dumping found • Log of repair/maintenance needs 	<ul style="list-style-type: none"> • 2006-20011: As a goal, inspect entire system every two years.
<u>Specific Components & Notes (optional):</u>	
<u>Responsible Party</u>	<u>Responsible Department</u>
Name: Matt Haefner	Title: City Engineer
Title:	Dept. Head: Bill Monk
Phone:	Phone: (952) 448-2851
E-mail:	E-mail: bmonk@chaska.net
<u>Educational components related to this BMP (description or number – optional):</u>	

BMP Page

MS4 Name: City of Chaska

Unique Identifying Number: 3-3

Minimum Control Measures Addressed by This BMP

<input type="checkbox"/>	Public education & outreach	<input type="checkbox"/>	Construction site runoff controls
<input type="checkbox"/>	Public participation & involvement	<input type="checkbox"/>	Post-construction storm water management
<input checked="" type="checkbox"/>	Illicit discharge detection & elimination	<input type="checkbox"/>	Pollution prevention/Good housekeeping

<u>BMP Title:</u> Septic System Ordinance	
<u>BMP Description:</u> Chaska will implement and maintain an ordinance that prohibits septic systems within the MUSA and outlines specific requirement for septic system construction in all rural zoning districts. The ordinance will include provisions for maintenance and enforcement.	
<u>Measurable Goals:</u> • Number of permits issued	<u>Timeline / Implementation Schedule:</u> • 2006-2011: Enforce and revise ordinance as appropriate
<u>Specific Components & Notes (optional):</u>	
<u>Responsible Party</u>	<u>Responsible Department</u>
Name: John Edberg	Title: City Engineer
Title: Building Department	Dept. Head: Bill Monk
Phone:	Phone: (952) 448-2851
E-mail:	E-mail: bmonk@chaska.net
<u>Educational components related to this BMP (description or number – optional):</u>	

BMP Page

MS4 Name: City of Chaska

Unique Identifying Number: 3-4

Minimum Control Measures Addressed by This BMP

<input type="checkbox"/>	Public education & outreach	<input type="checkbox"/>	Construction site runoff controls
<input type="checkbox"/>	Public participation & involvement	<input type="checkbox"/>	Post-construction storm water management
<input checked="" type="checkbox"/>	Illicit discharge detection & elimination	<input type="checkbox"/>	Pollution prevention/Good housekeeping

<u>BMP Title:</u> Septic System Program Inspection/Enforcement	
<u>BMP Description:</u> Chaska coordinates with Carver County on septic system inspections and reports of violations. Enforcement of ordinance provisions is performed by the City.	
<u>Measurable Goals:</u>	<u>Timeline / Implementation Schedule:</u>
<ul style="list-style-type: none"> • Number of system inspections • Number of ordinance violations and related follow-up 	<ul style="list-style-type: none"> • 2006-2011: Enforce septic system ordinance provisions as appropriate
<u>Specific Components & Notes (optional):</u>	
<u>Responsible Party</u>	<u>Responsible Department</u>
Name: John Edberg	Title: City Engineer
Title: Building Department	Dept. Head: Bill Monk
Phone:	Phone: (952) 448-2851
E-mail:	E-mail: bmonk@chaska.net
<u>Educational components related to this BMP (description or number – optional):</u>	

BMP Page

MS4 Name: City of Chaska

Unique Identifying Number: 3-5

Minimum Control Measures Addressed by This BMP

<input type="checkbox"/>	Public education & outreach	<input type="checkbox"/>	Construction site runoff controls
<input type="checkbox"/>	Public participation & involvement	<input type="checkbox"/>	Post-construction storm water management
<input checked="" type="checkbox"/>	Illicit discharge detection & elimination	<input type="checkbox"/>	Pollution prevention/Good housekeeping

<u>BMP Title:</u> Illicit Discharge and Connection Ordinance	
<u>BMP Description:</u> Chaska will prepare and implement an ordinance prohibiting illicit discharges and connections to the municipal stormsewer system. The ordinance will include provisions to deal with in-place violations.	
<u>Measurable Goals:</u>	<u>Timeline / Implementation Schedule:</u>
<ul style="list-style-type: none"> • Completed ordinance • Annual ordinance review and update as needed 	<ul style="list-style-type: none"> • 2006: Complete ordinance • 2007-2011: Enforce ordinance provisions as appropriate
<u>Specific Components & Notes (optional):</u>	
<u>Responsible Party</u>	
Name: Bill Monk	Responsible Department
Title: City Engineer	Title: City Engineer
Phone: (952) 448-2851	Dept. Head: Bill Monk
E-mail: bmonk@chaska.net	Phone: (952) 448-2851
	E-mail: bmonk@chaska.net
<u>Educational components related to this BMP (description or number – optional):</u>	

BMP Page

MS4 Name: City of Chaska

Unique Identifying Number: 3-6

Minimum Control Measures Addressed by This BMP

<input type="checkbox"/>	Public education & outreach	<input type="checkbox"/>	Construction site runoff controls
<input type="checkbox"/>	Public participation & involvement	<input type="checkbox"/>	Post-construction storm water management
<input checked="" type="checkbox"/>	Illicit discharge detection & elimination	<input type="checkbox"/>	Pollution prevention/Good housekeeping

<u>BMP Title:</u> Illicit Discharge and Connection Inspection and Enforcement	
<u>BMP Description:</u> The general public will be asked to assist in identifying illicit storm water discharges by reporting such on the City's hotline (2-2). The City will also search for illegal discharges as the storm water system is inspected (3-2). Ordinance provisions for violations will be enforced.	
<u>Measurable Goals:</u> <ul style="list-style-type: none"> • Number of illicit connections identified • Number of violations corrected/prosecuted 	<u>Timeline / Implementation Schedule:</u> <ul style="list-style-type: none"> • 2006-2007: Ordinance inspection/enforcement to follow immediately following ordinance adoption
<u>Specific Components & Notes (optional):</u> 	
<u>Responsible Party</u>	<u>Responsible Department</u>
Name: Tim Wiebe	Title: City Engineer
Title: Public Works	Dept. Head: Bill Monk
Phone:	Phone: (952) 448-2851
E-mail:	E-mail: bmonk@chaska.net
<u>Educational components related to this BMP (description or number – optional):</u> Audience: Educational goal: Activities: Implementation Plans: Performance Measures:	

BMP Page

MS4 Name: City of Chaska

Unique Identifying Number: 3-7

Minimum Control Measures Addressed by This BMP

<input type="checkbox"/>	Public education & outreach	<input type="checkbox"/>	Construction site runoff controls
<input type="checkbox"/>	Public participation & involvement	<input type="checkbox"/>	Post-construction storm water management
<input checked="" type="checkbox"/>	Illicit discharge detection & elimination	<input type="checkbox"/>	Pollution prevention/Good housekeeping

<u>BMP Title:</u> Illegal Dumping Ordinance	
<u>BMP Description:</u> Chaska will adopt an ordinance prohibiting illegal dumping of waste that can wash into the City's storm water system. Provisions for enforcement will be included.	
<u>Measurable Goals:</u>	<u>Timeline / Implementation Schedule:</u>
<ul style="list-style-type: none"> • Ordinance adoption • Annual reviews 	<ul style="list-style-type: none"> • 2006: Adopt Ordinance • 2007-2011: Revise ordinance as appropriate
<u>Specific Components & Notes (optional):</u>	
<u>Responsible Party</u>	
Name: Bill Monk	Responsible Department
Title: City Engineer	Title: City Engineer
Phone: (952) 448-2851	Dept. Head: Bill Monk
Phone: (952) 448-2851	Phone: (952) 448-2851
E-mail: bmonk@chaska.net	E-mail: bmonk@chaska.net
<u>Educational components related to this BMP (description or number – optional):</u>	

BMP Page

MS4 Name: City of Chaska

Unique Identifying Number: 3-8

Minimum Control Measures Addressed by This BMP

<input type="checkbox"/>	Public education & outreach	<input type="checkbox"/>	Construction site runoff controls
<input type="checkbox"/>	Public participation & involvement	<input type="checkbox"/>	Post-construction storm water management
<input checked="" type="checkbox"/>	Illicit discharge detection & elimination	<input type="checkbox"/>	Pollution prevention/Good housekeeping

<u>BMP Title:</u> Illegal Dumping Inspection and Enforcement	
<u>BMP Description:</u> Reports of illegal dumping received on the hotline (2-2) or identified during regular inspections conducted by City personnel will be subject to appropriate follow-up. Enforcement of ordinance provisions will be undertaken.	
<u>Measurable Goals:</u>	<u>Timeline / Implementation Schedule:</u>
<ul style="list-style-type: none"> • Number of dumping reports confirmed • Number of enforcement cases 	<ul style="list-style-type: none"> • 2006-2007: Inspection and enforcement will immediately follow ordinance adoption scheduled
<u>Specific Components & Notes (optional):</u>	
<u>Responsible Party</u>	<u>Responsible Department</u>
Name: Tim Wiebe	Title: City Engineer
Title: Public Works	Dept. Head: Bill Monk
Phone:	Phone: (952) 448-2851
E-mail:	E-mail: bmonk@chaska.net
<u>Educational components related to this BMP (description or number – optional):</u>	

BMP Page

MS4 Name: City of Chaska

Unique Identifying Number: 3-9

Minimum Control Measures Addressed by This BMP

<input type="checkbox"/>	Public education & outreach	<input type="checkbox"/>	Construction site runoff controls
<input type="checkbox"/>	Public participation & involvement	<input type="checkbox"/>	Post-construction storm water management
<input checked="" type="checkbox"/>	Illicit discharge detection & elimination	<input checked="" type="checkbox"/>	Pollution prevention/Good housekeeping

<u>BMP Title:</u> Spill Response Program	
<u>BMP Description:</u> Chaska will operate a limited spill response program to deal with containment/collection of hazardous wastes into the storm water system. This program is limited in the quantity and type of spill that can be handled before the State's program is activated.	
<u>Measurable Goals:</u>	<u>Timeline / Implementation Schedule:</u>
<ul style="list-style-type: none"> • Number of responses • Amount of waste collected 	<ul style="list-style-type: none"> • 2006-2011: Continue existing program and revise as needed
<u>Specific Components & Notes (optional):</u>	
<u>Responsible Party</u>	<u>Responsible Department</u>
Name: Tim Wiebe	Title: City Engineer
Title: Public Works	Dept. Head: Bill Monk
Phone:	Phone: (952) 448-2851
E-mail:	E-mail: bmonk@chaska.net
<u>Educational components related to this BMP (description or number – optional):</u>	

Construction Site Runoff Control

BMP Page

MS4 Name: City of Chaska

Unique Identifying Number: 4-1

Minimum Control Measures Addressed by This BMP

<input type="checkbox"/>	Public education & outreach	<input checked="" type="checkbox"/>	Construction site runoff controls
<input type="checkbox"/>	Public participation & involvement	<input type="checkbox"/>	Post-construction storm water management
<input type="checkbox"/>	Illicit discharge detection & elimination	<input type="checkbox"/>	Pollution prevention/Good housekeeping

<u>BMP Title:</u> Construction Site Runoff Ordinance/Regulatory Mechanism	
<u>BMP Description:</u> The City of Chaska has adopted by ordinance the Carver County Soil and Water Conservation District rules and policies regarding controlling construction site runoff control and waste management for all construction and land disturbances throughout the City.	
<u>Measurable Goals:</u> • Ordinance/Regulatory mechanism completed	<u>Timeline / Implementation Schedule:</u> • 2006-2011: Review and revise regulations as appropriate.
<u>Specific Components & Notes (optional):</u>	
<u>Responsible Party</u>	<u>Responsible Department</u>
Name: Bill Monk	Title: City Engineer
Title: City Engineer	Dept. Head: Bill Monk
Phone: (952) 448-2851	Phone: (952) 448-2851
E-mail: bmonk@chaska.net	E-mail: bmonk@chaska.net
<u>Educational components related to this BMP (description or number – optional):</u>	

BMP Page

MS4 Name: City of Chaska

Unique Identifying Number: 4-2

Minimum Control Measures Addressed by This BMP

<input type="checkbox"/>	Public education & outreach	<input checked="" type="checkbox"/>	Construction site runoff controls
<input type="checkbox"/>	Public participation & involvement	<input checked="" type="checkbox"/>	Post-construction storm water management
<input type="checkbox"/>	Illicit discharge detection & elimination	<input type="checkbox"/>	Pollution prevention/Good housekeeping

<u>BMP Title:</u> Erosion and Sediment Control Site Plan Review	
<u>BMP Description:</u> Chaska will perform a site plan review on all development/redevelopment proposals to address storm water quantity and quality issues, consistent with standards in the City’s Stormwater Plan (BMP 5-3) and the Carver County Water Plan (BMP 5-1). Chaska will also coordinate with the Carver County Soil and Water Conservation District (CSWCD) whereby the CSWCD will review all development proposals in relation to erosion control measures and then inspect said measures as construction takes placed.	
<u>Measurable Goals:</u> • Number of plans reviewed	<u>Timeline / Implementation Schedule:</u> • Effective Immediately • Review Process Annually
<u>Specific Components & Notes (optional):</u> 	
<u>Responsible Party</u>	<u>Responsible Department</u>
Name: Bill Monk	Title: City Engineer
Title: City Engineer	Dept. Head: Bill Monk
Phone: (952) 448-2851	Phone: (952) 448-2851
E-mail: bmonk@chaska.net	E-mail: bmonk@chaska.net
<u>Educational components related to this BMP (description or number – optional):</u> 	

BMP Page

MS4 Name: City of Chaska

Unique Identifying Number: 4-3

Minimum Control Measures Addressed by This BMP

<input type="checkbox"/>	Public education & outreach	<input checked="" type="checkbox"/>	Construction site runoff controls
<input type="checkbox"/>	Public participation & involvement	<input type="checkbox"/>	Post-construction storm water management
<input type="checkbox"/>	Illicit discharge detection & elimination	<input type="checkbox"/>	Pollution prevention/Good housekeeping

BMP Title: Erosion Control Inspection and Enforcement

BMP Description: Chaska will coordinate with the Carver Soil and Water Conservation District (CSWCD) whereby the CSWCD will review all development proposals in relation to erosion control measures and then inspect said measures as construction takes place. The City will implement enforcement actions based on inspections conducted by the CSWCD and city inspectors as appropriately outlined in city ordinance.

Measurable Goals:

- Number of sites inspected
- Number of enforcement actions taken

Timeline / Implementation Schedule:

- 2006-2011: Review existing inspection procedures and agreement with CSWCD
- 2006-2011: Implement enforcement actions as needed

Specific Components & Notes (optional):

Responsible Party	Responsible Department
Name: Matt Haefner	Title: City Engineer
Title: Engineering	Dept. Head: Bill Monk
Phone:	Phone: (952) 448-2851
E-mail:	E-mail: bmonk@chaska.net
<u>Educational components related to this BMP (description or number – optional):</u>	

BMP Page

MS4 Name: City of Chaska

Unique Identifying Number: 4-4

Minimum Control Measures Addressed by This BMP

<input type="checkbox"/>	Public education & outreach	<input checked="" type="checkbox"/>	Construction site runoff controls
<input type="checkbox"/>	Public participation & involvement	<input type="checkbox"/>	Post-construction storm water management
<input type="checkbox"/>	Illicit discharge detection & elimination	<input type="checkbox"/>	Pollution prevention/Good housekeeping

<u>BMP Title:</u> Grading Permit Regulations	
<u>BMP Description:</u> Chaska will regulate all grading activities involving more than 200 cubic yards of material. Permits will require submittal of site plans and erosion control plans. Ordinance provisions will include penalties for noncompliance or violations.	
<u>Measurable Goals:</u>	<u>Timeline / Implementation Schedule:</u>
<ul style="list-style-type: none"> • Number of permits issued • Completed log of site inspections 	<ul style="list-style-type: none"> • 2006-2011: Review and revise grading permit requirements as needed. • 2006-2011: Inspect and enforce grading permit requirements
<u>Specific Components & Notes (optional):</u>	
<u>Responsible Party</u>	
Name: Bill Monk	Title: City Engineer
Title: City Engineer	Dept. Head: Bill Monk
Phone: (952) 448-2851	Phone: (952) 448-2851
E-mail: bmonk@chaska.net	E-mail: bmonk@chaska.net
<u>Educational components related to this BMP (description or number – optional):</u>	

BMP Page

MS4 Name: City of Chaska

Unique Identifying Number: 4-5

Minimum Control Measures Addressed by This BMP

<input type="checkbox"/>	Public education & outreach	<input checked="" type="checkbox"/>	Construction site runoff controls
<input type="checkbox"/>	Public participation & involvement	<input type="checkbox"/>	Post-construction storm water management
<input type="checkbox"/>	Illicit discharge detection & elimination	<input type="checkbox"/>	Pollution prevention/Good housekeeping

<u>BMP Title:</u> Grading Preconstruction Meetings	
<u>BMP Description:</u> Chaska will conduct grading preconstruction meetings for construction and land disturbance activity to provide contractors and developers with awareness of the City's ordinance/regulatory mechanism to control construction site runoff. These meetings will provide a venue for discussions between the contractor, developer, and City to provide the contractor with the minimum BMP requirements for the particular site.	
<u>Measurable Goals:</u> <ul style="list-style-type: none"> • Number of grading preconstruction meetings 	<u>Timeline / Implementation Schedule:</u> <ul style="list-style-type: none"> • 2006-2011: Continue grading preconstruction meeting activity
<u>Specific Components & Notes (optional):</u> The Carver County Soil and Water Conservation District is invited to all grading preconstruction meetings to provide education on pertinent County rules regarding erosion and sediment control.	
<u>Responsible Party</u>	<u>Responsible Department</u>
Name: Bill Monk	Title: City Engineer
Title: City Engineer	Dept. Head: Bill Monk
Phone: (952) 448-2851	Phone: (952) 448-2851
E-mail: bmonk@chaska.net	E-mail: bmonk@chaska.net
<u>Educational components related to this BMP (description or number – optional):</u> Audience: Contractors, Developers Educational goal: Provide awareness of City and County regulations regarding erosion and sediment control. Activities: See BMP Description above Implementation Plans: See Timeline/Implementation Schedule above Performance Measures: See Measurable Goals above	

Post Construction Runoff Control

BMP Page

MS4 Name: City of Chaska

Unique Identifying Number: 5-1

Minimum Control Measures Addressed by This BMP

<input type="checkbox"/>	Public education & outreach	<input checked="" type="checkbox"/>	Construction site runoff controls
<input type="checkbox"/>	Public participation & involvement	<input checked="" type="checkbox"/>	Post-construction storm water management
<input type="checkbox"/>	Illicit discharge detection & elimination	<input type="checkbox"/>	Pollution prevention/Good housekeeping

<u>BMP Title:</u> Carver County Water Plan	
<u>BMP Description:</u> As the local watershed authority, Carver County has prepared a water plan to protect and manage surface water, including runoff controls, ponding requirements, wetland setbacks, and buffers, as well as erosion control standards and BMPs. Chaska will adopt the plan for local enforcement. Approval authority for all plans over one acre.	
<u>Measurable Goals:</u>	<u>Timeline / Implementation Schedule:</u>
<ul style="list-style-type: none"> • City adoption of County plan • Log of impacted or regulated site plans 	<ul style="list-style-type: none"> • 2006: City adopt plan • 2006-2011: Implement plan
<u>Specific Components & Notes (optional):</u>	
<u>Responsible Party</u>	
Name: Bill Monk	Responsible Department
Title: City Engineer	Title: City Engineer
Phone: (952) 448-2851	Dept. Head: Bill Monk
E-mail: bmonk@chaska.net	Phone: (952) 448-2851
	E-mail: bmonk@chaska.net
<u>Educational components related to this BMP (description or number – optional):</u>	

BMP Page

MS4 Name: City of Chaska

Unique Identifying Number: 5-2

Minimum Control Measures Addressed by This BMP

<input type="checkbox"/>	Public education & outreach	<input checked="" type="checkbox"/>	Construction site runoff controls
<input type="checkbox"/>	Public participation & involvement	<input checked="" type="checkbox"/>	Post-construction storm water management
<input type="checkbox"/>	Illicit discharge detection & elimination	<input type="checkbox"/>	Pollution prevention/Good housekeeping

<u>BMP Title:</u> Development Agreements	
<u>BMP Description:</u> All developments involving installation of public improvements will include execution of a development agreement. The agreement will require provisions for a financial surety guaranteeing proper installation of all storm water and erosion control project components. The agreement will also address long-term operation and maintenance provisions for public and private stormsewer infrastructure.	
<u>Measurable Goals:</u> • Number of agreements executed	<u>Timeline / Implementation Schedule:</u> • 2006-2011: Review and revise development agreement process as needed
<u>Specific Components & Notes (optional):</u>	
<u>Responsible Party</u>	<u>Responsible Department</u>
Name: Bill Monk	Title: City Engineer
Title: City Engineer	Dept. Head: Bill Monk
Phone: (952) 448-2851	Phone: (952) 448-2851
E-mail: bmonk@chaska.net	E-mail: bmonk@chaska.net
<u>Educational components related to this BMP (description or number – optional):</u>	
Audience:	
Educational goal:	
Activities:	
Implementation Plans:	
Performance Measures:	

BMP Page

MS4 Name: City of Chaska

Unique Identifying Number: 5-3

Minimum Control Measures Addressed by This BMP

<input checked="" type="checkbox"/>	Public education & outreach	<input checked="" type="checkbox"/>	Construction site runoff controls
<input checked="" type="checkbox"/>	Public participation & involvement	<input checked="" type="checkbox"/>	Post-construction storm water management
<input checked="" type="checkbox"/>	Illicit discharge detection & elimination	<input checked="" type="checkbox"/>	Pollution prevention/Good housekeeping

<u>BMP Title:</u> Stormwater/Natural Resources Management and Water Quality Plans	
<u>BMP Description:</u> Chaska will adopt and implement a stormwater/natural resources management plan detailing surface water quantity and quality controls on a city-wide basis. The plan will also consist of wetland inventory and assessments, upland inventory and management strategies, erosion and sediment control BMPs, educational strategies, and stormsewer system operation and maintenance. These controls shall be utilized in conjunction with the Carver County Water Plan described in 04-021.	
<u>Measurable Goals:</u>	<u>Timeline / Implementation Schedule:</u>
<ul style="list-style-type: none"> • Completed stormwater/natural resources management plan • Number of plans checked for compliance 	<ul style="list-style-type: none"> • 2008: approved stormwater natural resources management plan by CSWCD • 2008-2011: Implement provisions of stormwater/natural resources management plan
<u>Specific Components & Notes (optional):</u>	
Specific items addressed in the Stormwater/Natural Resources Management Plan:	
Background water quantity and quality Goals and Policies Wetlands Stormwater Quantity Stormwater System Description Erosion and Sediment Control	Physical Environmental Characteristics Natural Community Inventory Uplands Stormwater Quality Stormwater Education Operations and Maintenance
<u>Responsible Party</u>	<u>Responsible Department</u>
Name: Bill Monk	Title: City Engineer
Title: City Engineer	Dept. Head: Bill Monk
Phone: (952) 448-2851	Phone: (952) 448-2851
E-mail: bmonk@chaska.net	E-mail: bmonk@chaska.net
<u>Educational components related to this BMP (description or number – optional):</u>	

BMP Page

MS4 Name: City of Chaska

Unique Identifying Number: 5-4

Minimum Control Measures Addressed by This BMP

<input type="checkbox"/>	Public education & outreach	<input type="checkbox"/>	Construction site runoff controls
<input type="checkbox"/>	Public participation & involvement	<input checked="" type="checkbox"/>	Post-construction storm water management
<input type="checkbox"/>	Illicit discharge detection & elimination	<input type="checkbox"/>	Pollution prevention/Good housekeeping

<u>BMP Title:</u> Shoreland and Flood Plain Regulations	
<u>BMP Description:</u> Chaska has adopted and will continue to enforce regulations to control land use and protect designated floodplain and shoreland areas.	
<u>Measurable Goals:</u>	<u>Timeline / Implementation Schedule:</u>
<ul style="list-style-type: none"> • Number of proposed activities in the floodplain and shoreland areas. 	<ul style="list-style-type: none"> • 2006-2011: Implement and enforce existing ordinance • 2006-2011: Review annually for possible upgrade/revision
<u>Specific Components & Notes (optional):</u>	
<u>Responsible Party</u>	
Name: Kevin Ringwald	Responsible Department
Title: Community Development	Title: City Engineer
Phone:	Dept. Head: Bill Monk
E-mail: bmonk@chaska.net	Phone: (952) 448-2851
	E-mail: bmonk@chaska.net
<u>Educational components related to this BMP (description or number – optional):</u>	

BMP Page

MS4 Name: City of Chaska

Unique Identifying Number: 5-5

Minimum Control Measures Addressed by This BMP

<input type="checkbox"/>	Public education & outreach	<input type="checkbox"/>	Construction site runoff controls
<input type="checkbox"/>	Public participation & involvement	<input checked="" type="checkbox"/>	Post-construction storm water management
<input type="checkbox"/>	Illicit discharge detection & elimination	<input type="checkbox"/>	Pollution prevention/Good housekeeping

BMP Title: Construction Plan Review Process

BMP Description: The construction plan review process ensures that the review for both new development and re-development is conducted prior to construction. It ensures that proper designed practices are installed and functioning to the appropriate level for storm water control according to the approved SWMP and zoning/subdivision ordinance, and appropriate measures are established for long-term operation and maintenance of BMPs.

Also, this process includes procedures to assure coordination with appropriate agencies and to evaluate discharges which may adversely affect properties listed or eligible for listing in the National Register of Historic Places or affecting known or discovered archeological sites; or discharges whose direct, indirect, interrelated, interconnected, or independent impacts may jeopardize a listed endangered or threatened species or adversely modify a designated critical habitat.

Measurable Goals:

- Number of plans reviewed

Timeline / Implementation Schedule:

- 2006-2011: Annually review plans submitted to the City. Revise current review process as necessary.

Specific Components & Notes (optional):

Responsible Party	Responsible Department
Name: Kevin Ringwald	Title: City Engineer
Title: Community Development	Dept. Head: Bill Monk
Phone:	Phone: (952) 448-2851
E-mail: bmonk@chaska.net	E-mail: bmonk@chaska.net
<u>Educational components related to this BMP (description or number – optional):</u>	

Pollution Prevention/Good Housekeeping

BMP Page

MS4 Name: City of Chaska

Unique Identifying Number: 6-1

Minimum Control Measures Addressed by This BMP

<input type="checkbox"/>	Public education & outreach	<input type="checkbox"/>	Construction site runoff controls
<input type="checkbox"/>	Public participation & involvement	<input type="checkbox"/>	Post-construction storm water management
<input type="checkbox"/>	Illicit discharge detection & elimination	<input checked="" type="checkbox"/>	Pollution prevention/Good housekeeping

<u>BMP Title:</u> Street and Parking Lot Sweeping	
<u>BMP Description:</u> Chaska will sweep all public streets and parking lots in the spring and fall of each year to reduce pollutants and sediment in surface runoff. Also, the City conducts sweeping as needed throughout the year.	
<u>Measurable Goals:</u>	<u>Timeline / Implementation Schedule:</u>
<ul style="list-style-type: none"> • Annual documentation of street sweeping activities • Amount of sweepings collected 	<ul style="list-style-type: none"> • 2006-2011: Immediately – program in place
<u>Specific Components & Notes (optional):</u>	
<u>Responsible Party</u>	<u>Responsible Department</u>
Name: Tim Wiebe	Title: City Engineer
Title: Public Works	Dept. Head: Bill Monk
Phone:	Phone: (952) 448-2851
E-mail:	E-mail: bmonk@chaska.net
<u>Educational components related to this BMP (description or number – optional):</u>	

BMP Page

MS4 Name: City of Chaska

Unique Identifying Number: 6-2

Minimum Control Measures Addressed by This BMP

<input type="checkbox"/>	Public education & outreach	<input type="checkbox"/>	Construction site runoff controls
<input type="checkbox"/>	Public participation & involvement	<input type="checkbox"/>	Post-construction storm water management
<input type="checkbox"/>	Illicit discharge detection & elimination	<input checked="" type="checkbox"/>	Pollution prevention/Good housekeeping

BMP Title: Municipal Landscaping and Lawn Care

BMP Description: Chaska will keep records on application of fertilizer, pesticides, and herbicides and look for opportunities to reduce their use on all public areas. The City will also provide annual training for municipal staff involved in landscaping and lawn care to provide awareness of stormwater impacts from lawn care practices.

Measurable Goals:

- Amount of fertilizer, pesticides, and herbicides on an annual basis
- Number of employees trained

Timeline / Implementation Schedule:

- 2006-2008: Develop training program for municipal employees
- 2009-2011: Annual training of employees
- 2006-2011: Record keeping with program reviewed annually

Specific Components & Notes (optional):

Responsible Party	Responsible Department
Name: Tim Wiebe	Title: City Engineer
Title: Public Works	Dept. Head: Bill Monk
Phone:	Phone: (952) 448-2851
E-mail:	E-mail: bmonk@chaska.net

Educational components related to this BMP (description or number – optional):

Audience: Municipal staff

Educational goal: Provide maintenance staff with stormwater awareness of impacts associated with lawn care practices.

Activities: See BMP description above

Implementation Plans: See implementation schedule above

Performance Measures: See measurable goals above

BMP Page

MS4 Name: City of Chaska

Unique Identifying Number: 6-3

Minimum Control Measures Addressed by This BMP

<input type="checkbox"/>	Public education & outreach	<input type="checkbox"/>	Construction site runoff controls
<input type="checkbox"/>	Public participation & involvement	<input type="checkbox"/>	Post-construction storm water management
<input type="checkbox"/>	Illicit discharge detection & elimination	<input checked="" type="checkbox"/>	Pollution prevention/Good housekeeping

<u>BMP Title:</u> Fleet and Building Operation and Maintenance Program	
<u>BMP Description:</u> Chaska will employ a maintenance program to minimize leaks and spills from its vehicles and equipment. Also, the program will include recycling of used oil, parts, washer oil, and antifreeze. An annual training program will be developed during the first two years of the program to educate employees of proper fleet and building operation and maintenance.	
<u>Measurable Goals:</u> <ul style="list-style-type: none"> • Number of vehicles/equipment maintained • Volume of materials recycled • Number of employees trained 	<u>Timeline / Implementation Schedule:</u> <ul style="list-style-type: none"> • 2006-2008: Develop training program for municipal employees • 2009-2011: Annual training of employees • 2006-2011: Record keeping with program reviewed annually
<u>Specific Components & Notes (optional):</u>	
<u>Responsible Party</u>	<u>Responsible Department</u>
Name: Tim Wiebe	Title: City Engineer
Title: Public Works	Dept. Head: Bill Monk
Phone:	Phone: (952) 448-2851
E-mail:	E-mail: bmonk@chaska.net
<u>Educational components related to this BMP (description or number – optional):</u>	
Audience: Municipal staff	
Educational goal: Provide maintenance staff with awareness of City policy regarding proper fleet and building operation and maintenance and associated stormwater impacts	
Activities: See BMP description above	
Implementation Plans: See implementation schedule listed above	
Performance Measures: See measurable goals listed above	

BMP Page

MS4 Name: City of Chaska

Unique Identifying Number: 6-4

Minimum Control Measures Addressed by This BMP

<input type="checkbox"/>	Public education & outreach	<input type="checkbox"/>	Construction site runoff controls
<input type="checkbox"/>	Public participation & involvement	<input type="checkbox"/>	Post-construction storm water management
<input type="checkbox"/>	Illicit discharge detection & elimination	<input checked="" type="checkbox"/>	Pollution prevention/Good housekeeping

<u>BMP Title:</u> Municipal Vehicle Washing	
<u>BMP Description:</u> Chaska shall employ internal wash bays for its vehicles and equipment. Runoff shall be directed to grit chambers/sediment traps prior to discharge to the sanitary sewer.	
<u>Measurable Goals:</u> <ul style="list-style-type: none"> Volume of material removed from grit chambers/sediment traps on an annual basis 	<u>Timeline / Implementation Schedule:</u> <ul style="list-style-type: none"> 2006-2011: Implement existing program
<u>Specific Components & Notes (optional):</u>	
<u>Responsible Party</u>	<u>Responsible Department</u>
Name: Tim Wiebe	Title: City Engineer
Title: Public Works	Dept. Head: Bill Monk
Phone:	Phone: (952) 448-2851
E-mail:	E-mail: bmonk@chaska.net
<u>Educational components related to this BMP (description or number – optional):</u>	

BMP Page

MS4 Name: City of Chaska

Unique Identifying Number: 6-5

Minimum Control Measures Addressed by This BMP

<input type="checkbox"/>	Public education & outreach	<input type="checkbox"/>	Construction site runoff controls
<input type="checkbox"/>	Public participation & involvement	<input type="checkbox"/>	Post-construction storm water management
<input type="checkbox"/>	Illicit discharge detection & elimination	<input checked="" type="checkbox"/>	Pollution prevention/Good housekeeping

<u>BMP Title:</u> Municipal Sand/Salt Use	
<u>BMP Description:</u> Chaska will develop procedures for proper application of road sand/salt mixture to reduce overspreading which impacts water resources. Proper applicator calibration and inspection schedule will minimize future overspreading. Also, an annual municipal training program will be developed to provide staff with awareness of proper city policies regarding street deicing procedures and associated stormwater impacts.	
<u>Measurable Goals:</u>	<u>Timeline / Implementation Schedule:</u>
<ul style="list-style-type: none"> • Number of spreaders calibrated/adjusted annually • Amount of sand applied each year • Amount of salt applied each year • Number of employees trained 	<ul style="list-style-type: none"> • 2006-2008: Develop training program for municipal employees • 2009-2011: Annual training of employees • 2006-2011: Document existing program and review/revise annually
<u>Specific Components & Notes (optional):</u>	
<u>Responsible Party</u>	<u>Responsible Department</u>
Name: Tim Wiebe	Title: City Engineer
Title: Public Works	Dept. Head: Bill Monk
Phone:	Phone: (952) 448-2851
E-mail:	E-mail: bmonk@chaska.net
<u>Educational components related to this BMP (description or number – optional):</u>	
Audience: Municipal employees	
Educational goal: Provide maintenance staff awareness of proper city policy regarding street deicing procedures and associated stormwater impacts.	
Activities: See BMP description above	
Implementation Plans: See implementation schedule listed above	
Performance Measures: See measurable goals listed above	

BMP Page

MS4 Name: City of Chaska

Unique Identifying Number: 6-6

Minimum Control Measures Addressed by This BMP

<input type="checkbox"/>	Public education & outreach	<input type="checkbox"/>	Construction site runoff controls
<input type="checkbox"/>	Public participation & involvement	<input checked="" type="checkbox"/>	Post-construction storm water management
<input type="checkbox"/>	Illicit discharge detection & elimination	<input checked="" type="checkbox"/>	Pollution prevention/Good housekeeping

BMP Title: MS4 Outfalls, Ponds, and Sediment Basins Inspections and Maintenance

BMP Description: The stormwater inspection program outlined in BMP 3-2 will result in a cleaning, repair, and maintenance report for follow-up by Public Works personnel in reducing storm water pollution. All MS4 outfalls, ponds, and sediment basins will be inspected, at a minimum of 20% of the known locations annually. Maintenance actions will be taken based on the inspection reports and documented accordingly.

Measurable Goals:

- Number of known MS4 outfalls
- Number of known ponds/sediment basins
- Number of maintenance actions required
- Number of maintenance actions taken

Timeline / Implementation Schedule:

- 2006-2011: Inspect 20% of the known MS4 outfalls, ponds, and sediment basins.
- 2006-2011: Prepare report of up to 20% of storm sewer, ponds, and MS4 outfalls

Specific Components & Notes (optional):

Responsible Party

Name: Tim Wiebe

Title: Public Works

Phone:

E-mail:

Responsible Department

Title: City Engineer

Dept. Head: Bill Monk

Phone: (952) 448-2851

E-mail: bmonk@chaska.net

Educational components related to this BMP (description or number – optional):

BMP Page

MS4 Name: City of Chaska

Unique Identifying Number: 6-7

Minimum Control Measures Addressed by This BMP

<input type="checkbox"/>	Public education & outreach	<input type="checkbox"/>	Construction site runoff controls
<input type="checkbox"/>	Public participation & involvement	<input checked="" type="checkbox"/>	Post-construction storm water management
<input type="checkbox"/>	Illicit discharge detection & elimination	<input checked="" type="checkbox"/>	Pollution prevention/Good housekeeping

<u>BMP Title:</u> Structural Pollution Control Device Inspection and Maintenance	
<u>BMP Description:</u> The stormwater inspection program outlined in BMP 3-2 will result in a cleaning, repair, and maintenance report for follow-up by Public Works personnel in reducing storm water pollution. All MS4 structural pollution control devices will be inspected, at a minimum of 100% of the known locations annually. Maintenance actions will be taken based on the inspection reports and documented accordingly.	
<u>Measurable Goals:</u>	<u>Timeline / Implementation Schedule:</u>
<ul style="list-style-type: none"> • Number of known structural pollution control devices • Number of maintenance actions required • Number of maintenance actions taken 	<ul style="list-style-type: none"> • 2006-2011: Inspect 100% of the known structural pollution control devices. • 2006-2011: Prepare report of up to 100% of structural pollution control devices
<u>Specific Components & Notes (optional):</u>	
<u>Responsible Party</u>	<u>Responsible Department</u>
Name: Tim Wiebe	Title: City Engineer
Title: Public Works	Dept. Head: Bill Monk
Phone:	Phone: (952) 448-2851
E-mail:	E-mail: bmonk@chaska.net
<u>Educational components related to this BMP (description or number – optional):</u>	

BMP Page

MS4 Name: City of Chaska

Unique Identifying Number: 6-8

Minimum Control Measures Addressed by This BMP

<input type="checkbox"/>	Public education & outreach	<input type="checkbox"/>	Construction site runoff controls
<input type="checkbox"/>	Public participation & involvement	<input checked="" type="checkbox"/>	Post-construction storm water management
<input type="checkbox"/>	Illicit discharge detection & elimination	<input checked="" type="checkbox"/>	Pollution prevention/Good housekeeping

BMP Title: Municipal Construction and Land Disturbance

BMP Description:

The City will develop new construction and land disturbance operation and maintenance procedures for work done by municipal employees. Construction practices required for developers, builders, and contractors within the City will be followed by municipal employees for any work done "in house". An employee training component will be included in this BMP.

Measurable Goals:

- Number of employees trained
- Implemented appropriate ESC BMPs for municipal projects (y/n)

Timeline / Implementation Schedule:

- 2006-2008: Develop standard employee training program
- 2009-2011: Implement employee training program

Specific Components & Notes (optional):

Responsible Party	Responsible Department
Name: Tim Wiebe	Title: City Engineer
Title: Public Works	Dept. Head: Bill Monk
Phone:	Phone: (952) 448-2851
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<u>Educational components related to this BMP (description or number – optional):</u>	

BMP Page

MS4 Name: City of Chaska

Unique Identifying Number: 6-9

Minimum Control Measures Addressed by This BMP

<input type="checkbox"/>	Public education & outreach	<input type="checkbox"/>	Construction site runoff controls
<input type="checkbox"/>	Public participation & involvement	<input checked="" type="checkbox"/>	Post-construction stormwater management
<input type="checkbox"/>	Illicit discharge detection & elimination	<input checked="" type="checkbox"/>	Pollution prevention/Good housekeeping

<u>BMP Title:</u> Inspection Analysis and Frequency	
<u>BMP Description:</u> The City will keep records of inspection results, date, antecedent weather conditions, sediment storage and capacity remaining, and any maintenance performed or recommended. After two years of inspections, if patterns of maintenance become apparent, the frequency of inspections will be adjusted to at least two (2) times annually, or more frequently as needed to prevent carry-over or washout of pollutants from the structures and maximize pollutant removal. If maintenance or sediment removal is not required as a result of both the first two annual inspections, the frequency will be reduced to once every two years.	
<u>Measurable Goals:</u>	<u>Timeline / Implementation Schedule:</u>
<ul style="list-style-type: none"> • Number inspected • Number of inspection modifications • Annual Report summary of inspection results 	<ul style="list-style-type: none"> • 2006-2011 Evaluate maintenance pattern every two years (2007, 2009, and 2011) and modify inspection frequency as required.
<u>Specific Components & Notes (optional):</u>	
<ul style="list-style-type: none"> • MS4 Pollution Control Device Inspection and Maintenance (6-7) 	
<u>Responsible Party</u>	<u>Responsible Department</u>
Name: Tim Wiebe	Title: City Engineer
Title: Public Works	Dept. Head: Bill Monk
Phone:	Phone: (952) 448-2851
E-mail:	E-mail: bmonk@chaska.net
<u>Educational components related to this BMP (description or number – optional):</u>	

BMP Page

MS4 Name: City of Chaska

Unique Identifying Number: 6-10

Minimum Control Measures Addressed by This BMP

<input type="checkbox"/>	Public education & outreach	<input type="checkbox"/>	Construction site runoff controls
<input type="checkbox"/>	Public participation & involvement	<input type="checkbox"/>	Post-construction stormwater management
<input checked="" type="checkbox"/>	Illicit discharge detection & elimination	<input checked="" type="checkbox"/>	Pollution prevention/Good housekeeping

BMP Title: Stockpile, Storage and Material Handling Program

BMP Description: The City will develop a procedure to identify and manage all exposed stockpiles to insure perimeter controls are in place and to prevent the offsite migration of stockpile material. Storage and material handling areas will be inspected in conjunction with the Fleet and Building Operation and Maintenance Program (6-3).

Measurable Goals:

- Identification of exposed stockpiles
- Number of inspections conducted

Timeline / Implementation Schedule:

- 2006: Determine locations stockpiles
- 2006: Implement stockpile, storage and material handling program
- 2006-2011: Conduct annual inspections and review and revise program needed

Specific Components & Notes (optional):

- Develop an integrated inspection program to annually inspect stockpiles, storage and material handling areas.

Responsible Party

Name: Tim Wiebe

Title: Public Works

Phone:

E-mail:

Responsible Department

Title: City Engineer

Dept. Head: Bill Monk

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Educational components related to this BMP (description or number – optional):

Audience: City Employees

Educational goal: Prevent discharges from stockpiles, storage and material handling areas

Activities: See BMP Description above

Implementation Plans: See Timeline/Implementation Schedule above

Performance Measures: See Measurable Goals above

Additional BMP Requirements

BMP Page

MS4 Name: City of Chaska

Unique Identifying Number: 7-1

Minimum Control Measures Addressed by This BMP

<input type="checkbox"/>	Public education & outreach	<input type="checkbox"/>	Construction site runoff controls
<input type="checkbox"/>	Public participation & involvement	<input checked="" type="checkbox"/>	Post-construction stormwater management
<input checked="" type="checkbox"/>	Illicit discharge detection & elimination	<input checked="" type="checkbox"/>	Pollution prevention/Good housekeeping

BMP Title: Discharge Affecting Source Water Protection Areas

BMP Description: The Minnesota Department of Health has approved a Part I and Part II Wellhead Protection Plan (WPP) for the City including the necessary map illustrating the wells and source waters for drinking water supply management areas identified as vulnerable under Minn. R. 4720.5205, 4720.5210, and 4720.5330. At this time, the City of Chaska does not have any area which is considered moderate, high, or very high vulnerability within the City jurisdiction.

Chaska will determine if the City jurisdictional area includes land within the source water protection area for surface water intakes identified in the source water assessments conducted by the Mn Dept. of Health under the federal Safe Drinking Water Act, U.S.C. 300j-13. If so, the City will work with the appropriate organizations to address potential impacts to the areas to the MEP and revise the SWPPP accordingly.

<u>Measurable Goals:</u>	<u>Timeline / Implementation Schedule:</u>
<ul style="list-style-type: none"> • Continue implementation of Wellhead Protection Plan as approved by MDH. 	<ul style="list-style-type: none"> • 2006-2011
<ul style="list-style-type: none"> • Determine areas within the source water protection area for surface water intakes identified in the source water assessments conducted by the Mn Dept. of Health under the federal Safe Drinking Water Act, U.S.C. 300j-13. 	<ul style="list-style-type: none"> • According to MDH schedule
<ul style="list-style-type: none"> • Coordinate with appropriate organizations and revise SWPPP accordingly. 	<ul style="list-style-type: none"> • 2006-2011

Specific Components & Notes (optional):

- Cooperate with adjacent municipalities or organizations to protect other MDH identified high or moderate vulnerable areas to stormsewer runoff when they are found to overlap the City's jurisdictional boundary.

Responsible Party	Responsible Department
Name: Bill Monk	Title: City Engineer
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E-mail: bmonk@chaska.net	E-mail: bmonk@chaska.net
<u>Educational components related to this BMP (description or number – optional):</u>	
Audience: Citizens, well owners, cooperative agencies/organizations	
Educational goal: To protect drinking water sources from contamination from stormwater runoff pollution	
Activities: See BMP Description above	
Implementation Plans: See Timeline/Implementation Schedule above	
Performance Measures: See Measurable Goals above	

BMP Page

MS4 Name: City of Chaska

Unique Identifying Number: 7-2

Minimum Control Measures Addressed by This BMP

<input type="checkbox"/>	Public education & outreach	<input type="checkbox"/>	Construction site runoff controls
<input type="checkbox"/>	Public participation & involvement	<input type="checkbox"/>	Post-construction storm water management
<input type="checkbox"/>	Illicit discharge detection & elimination	<input checked="" type="checkbox"/>	Pollution prevention/Good housekeeping

BMP Title: Record Keeping and Reporting

BMP Description: The City will submit an annual report according to the requirements outlined in the current MS4 permit and retain all recorded required for at least three (3) years beyond the term of the permit. All records, including the approved SWPPP, will be available to the public at reasonable times during regular business hours after a 7 day advance notice and reasonable charge for requested copies.

Measurable Goals:

- Develop record keeping procedure
- Implement record keeping procedure

Timeline / Implementation Schedule:

- 2006: Develop record keeping procedure
- 2007-2011: Implement record keeping procedure

Specific Components & Notes (optional):

Responsible Party	Responsible Department
Name: Bill Monk	Title: City Engineer
Title: City Engineer	Dept. Head: Bill Monk
Phone: (952) 448-2851	Phone: (952) 448-2851
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Educational components related to this BMP (description or number – optional):

BMP Page

MS4 Name: City of Chaska

Unique Identifying Number: 7-3

Minimum Control Measures Addressed by This BMP

<input type="checkbox"/>	Public education & outreach	<input type="checkbox"/>	Construction site runoff controls
<input type="checkbox"/>	Public participation & involvement	<input checked="" type="checkbox"/>	Post-construction stormwater management
<input checked="" type="checkbox"/>	Illicit discharge detection & elimination	<input type="checkbox"/>	Pollution prevention/Good housekeeping

BMP Title: Nondegradation

BMP Description: The City will prepare a Loading Assessment and Nondegradation Report as per Part X, Appendix D, Sections B & C of the MS4 General Permit. The City will follow the public participation process as per Part X, Appendix D, Section D of the MS4 General Permit. After consideration of the input received during the public participation process, the City will prepare and submit the materials required in Part X, Appendix D, Section E of the MS4 General Permit.

During the MPCA review, notice, and preliminary determination processes, the City will work with the MPCA, if appropriate, to respond to comments and/or revise the submittal materials to prepare them for final approval.

After final determination by the MPCA, the City will modify the SWPPP as per the approved submittal materials and as needed to meet the nondegradation requirements.

Measurable Goals:

- The City will prepare and submit materials to meet the requirements listed above.
- The City will respond to and coordinate with the MPCA, as appropriate, during the MPCA review, notice, and preliminary determination processes.
- Modify the SWPPP as per the approved modifications and as needed to meet the nondegradation requirements.

Timeline / Implementation Schedule:

- The City will prepare and submit the required materials listed above by 20 months after the effective date of the Permit
- The City will respond to and coordinate with the MPCA, as appropriate, during the MPCA review, notice, and preliminary determination processes.
- After the submittal materials are approved by the MPCA, the City will modify the SWPPP, as per the approved modifications and as needed to meet the nondegradation requirements, in a timely manner.

Specific Components & Notes (optional):

Responsible Party	Responsible Department
Name: Bill Monk	Title: City Engineer
Title: City Engineer	Dept. Head: Bill Monk
Phone: (952) 448-2851	Phone: (952) 448-2851
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