Illinois Environmental Protection Agency

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Notice of Intent for New or Renewal of General Permit for Discharges from Small Municipal Separate Storm Sewer Systems (MS4's)

Part I. Municipal (MS4) Contact Information

1. Name of Municipality: City of Crystal Lake MS4 #: ILR400179

   Population (based on 2010 census): 40,743

2. MS4 Mailing Address: 100 W. Woodstock Street City: Crystal Lake , IL Zip: 60014

3. Primary MS4 Contact Person (Authorized Representative for MS4 Permit)

   Name: Michael Magnuson Title: Director of Public Works

   Phone: (815) 356-3614 Email Address: mmagnuson@crystallake.org

General Information

4. Latitude and Longitude at approximate geographical center of MS4 for which you are requesting authorization to discharge:

   Latitude: 42 (Degrees) 14 (Minutes) 42.78N (Seconds) Longitude: 88 (Degrees) 19 (Minutes) 24.12W (Seconds)

5. Community Type: City Other:

6. Name(s) of governmental entity(ies) in which MS4 is located:

City/Village	Township	County
	Algonquin Township	McHenry County
	Dorr Township	McHenry County
	Grafton Township	McHenry County
	Nunda Township	McHenry County

7. Area of land within your MS4 in square miles: 18.52

8. Percent of MS4 served by combined sewer: 0 Percent of MS4 served by separate sewer: 100

Impaired Waters

The most recent 303(d) list may be found at https://www2.illinois.gov/epa/topics/water-quality/watershed-management/tmdls/Pages/303d-list.aspx. Information regarding TMDLs may be found at https://www2.illinois.gov/epa/topics/water-quality/watershed-management/tmdls/Pages/default.aspx.

9.

Name(s) of known receiving waters (in and within 3 miles of MS4 area)	Impairment listed on 303d List or TMDL?
Boone Creek	◯ Yes ⊘ No
Cary Creek	◯ Yes ⊘ No
Crystal Creek	◯ Yes ⊘ No
Crystal Lake	⊘ Yes ◯ No
Fox River	⊘ Yes ◯ No
Griswold Lake	◯ Yes ⊘ No
Kishwaukee River	⊘ Yes ◯ No
Kishwaukee Creek	◯ Yes ⊘ No
Shannon Creek	◯ Yes ⊘ No

Name(s) of known receiving waters (in and within 3 miles of MS4 area)	Impairment listed on 303d List or TMDL?
Sleepy Hollow Creek	◯ Yes ⊘ No
Woods Creek	⊘ Yes ◯ No
Woods Creek Tributary	◯ Yes ⊘ No

9a. If impaired, which potential causes and source?

Causes: Mercury, DO, Siltation, Fecal Coliform, etc. Source: Atmospheric Deposition, Crop Production, etc.

9b. Are the receiving waterbodies included in an approved TMDL or alternate water quality management plan? ⊘ Yes ◯ No

If yes, what measures to comply with the TMDL waste load allocation (WLA) are being implemented or are planned?

The Chicago Metropolitan Agency for Planning's (CMAP) March 2016 Boone-Dutch Creek Watershed-Based Plan proposes measures such as wet detention facilities, infiltration strips, vegetated swales, building retrofits, permeable pavement, riparian buffer restoration, streambank stabilization, farmed wetland restoration, and more to improve the water quality.

The Integrated Management Plan for the Fox River Watershed in Illinois by the Fox River Ecosystem Partnership proposes measures such as creating databases with water quality data, develop a standard list of indicators to measure water quality, protect water resources, determine long-term water use goals, and promote private/public partnerships, reduce streambank erosion, and promote education to improve water quality.

CMAP's Upper Kishwaukee River Watershed Plan (dated November 2008) proposes measures such as streambank stabilization, detention basin enhancements, bioswales, retrofitting detention basins, constructing wetland bottom detention basins, and more to improve water quality.

CMAP's December 2011 Silver Creek and Sleepy Hollow Creek Watershed Action Plan proposes measures such as bioretention, filter strips, conservation tillage, constructed wetland basins, streambank stabilization, nutrient/waste management, and more to improve water quality.

Measures like detention basin retrofits, wetland restoration, and riparian area restoration are being proposed by the January 2013 Woods Creek Watershed-Based Plan.

9c. Is the MS4 community included in the chloride variance? ◯ Yes ⊘ No

Program Responsibility

10. **Shared Responsibility**

Is your MS4 responsible for any permit requirements of another MS4 community? ◯ Yes ⊘ No

Does your MS4 Community rely on another MS4 to satisfy any of the permit requirements? ⊘ Yes ◯ No

If yes: Which MS4 community?: McHenry County

Which minimum control measurements is the other MS4 responsible for?

- ☑ Public Education and Outreach
- ☑ Public Participation/Involvement
- ☑ Illicit Discharge Detection and Elimination
- ☑ Construction Site Runoff Control
- ☑ Post-Construction Runoff Control
- ☑ Pollution Prevention/Good Housekeeping

11. **Co-Permittee**

Is your MS4 Community a Co-Permittee with another MS4 Community? ◯ Yes ⊘ No

12. Other contacts responsible for implementation or coordination of Stormwater Management Program

Name: Abigail Wilgreen Title: City Engineer

Phone: 815-356-3605 Email: awilgreen@crystallake.org

Area of Responsibility: Permit Compliance

Name: Andrew Resek Title: Water & Sewer Division Superintendent

Phone: (815) 356-3614 Email: aresek@crystallake.org

Area of Responsibility: Storm Sewer Operation and Maintenance

Name: Gary Mayerhofer Title: City Manager

Phone: (815) 459-2020 Email: gmayerhofer@crystallake.org

Area of Responsibility: Corporate Manager

Part II. Best Management Practices (include shared responsibilities) which have been implemented or are proposed to be implemented in the MS4 area

A. Public Education and Outreach

Approximate date first implemented: March 2003

Frequency of each BMP program: Annually (at a minimum)

Qualifying Local Programs

The City performs a variety of activities that meet the requirements of the Public Education and Outreach minimum control measure (MCM). These activities include BMPs: A.3, A.4 and A.6.

The City also shares responsibility for the implementation of its stormwater management program with McHenry County (County). The County serves as a Qualifying Local Program (QLP) for McHenry County MS4s and performs activities related to each of the six MCMs described in the MS4 Permit, including activities related to Public Education and Outreach. Information regarding the County's QLP activities can be found at the link provided below.

https://www.mchenrycountyil.gov/county-government/departments-j-z/planning-development/water-resources/npdes

Measurable Goals (include shared responsibilities)

- ☐ A.1 Distributed Paper Material
- ☐ A.2 Speaking Engagement
- ☑ A.3 Public Service Announcement

Brief Description of BMP

The City publishes information about stormwater or water quality in the City newsletter once a year.

Measurable Goals, including frequencies

The articles chosen will be selected increase the resident's knowledge and awareness regarding stormwater and water quality.

Milestones

Year 1: Publish information articles in the City newsletter at least once a year.

Year 2: Publish information articles in the City newsletter at least once a year.

Year 3: Publish information articles in the City newsletter at least once a year.

Year 4: Publish information articles in the City newsletter at least once a year.

Year 5: Publish information articles in the City newsletter at least once a year.

Additional Info

BMP Number: _____

- ☑ A.4 Community Event

Brief Description of BMP

The City has a rain garden at City Hall and bio-swales at the City owned Three Oaks Recreation Area.

Measurable Goals, including frequencies

The City will continue to maintain the rain garden and bio-swales as an education tool for residents and to demonstrate their value for managing stormwater runoff.

Milestones

Year 1: Maintain existing rain garden and bio-swales.

Year 2: Maintain existing rain garden and bio-swales.

Year 3: Maintain existing rain garden and bio-swales.

Year 4: Maintain existing rain garden and bio-swales.

Year 5: Maintain existing rain garden and bio-swales.

Additional Info

BMP Number: A.4

The City will continue its presence and support for the annual Drug Take Back Initiative Program sponsored by the Police Department. This activity provides another opportunity to engage the public on stormwater related issues and why they are important to all residents and businesses.

☐ A.5 Classroom Education Material

☑ A.6 Other Public Education

Brief Description of BMP

The City will utilize other means such as the City website, social media, etc. as conduits for reaching additional residents. The City has information on its website relating to recycling of waste, waste disposal, stormwater and/or water quality.

The City will maintain the link on their website related to the potential effects on storm water due to climate change.

Measurable Goals, including frequencies

The City will provide specific information to the targeted residents on stormwater and water quality issues. The goal of this program is to increase the awareness of impacts of stormwater discharges on water bodies, the potential effects of climate change on storm water discharges and the steps that the public can take to reduce pollutants in storm water runoff.

Milestones

Year 1: The City will update and modify the information provided as needed to stay current and informative.

Year 2: The City will update and modify the information provided as needed to stay current and informative.

Year 3: The City will update and modify the information provided as needed to stay current and informative.

Year 4: The City will update and modify the information provided as needed to stay current and informative.

Year 5: The City will update and modify the information provided as needed to stay current and informative.

Additional Info

BMP Number: _____

B. Public Participation/Involvement

Approximate date first implemented: March 2003 Frequency of each BMP program: Annually (at a minimum)

Qualifying Local Programs

The City performs a variety of activities that meet the requirements of the Public Participation and Involvement minimum control measure (MCM). These activities include BMPs: B.2, B.3, B.6 and B.7.

The City also shares responsibility for the implementation of its stormwater management program with McHenry County (County). The County serves as a Qualifying Local Program (QLP) for McHenry County MS4s and performs activities related to each of the six MCMs described in the MS4 Permit, including activities related to Public Participation / Involvement regarding the County's QLP activities can be found at the link provided below.

https://www.mchenrycountyil.gov/county-government/departments-j-z/planning-development/water-resources/npdes

Measurable Goals (include shared responsibilities)

☑ B.2 Educational Volunteer

Brief Description of BMP

City staff regularly participate in volunteering activities that provide opportunities to interact with residents and educate them on the importance of stormwater and water quality.

Measurable Goals, including frequencies

City staff will continue to perform these activities and work to increase participation from its staff and attendance by residents.

Milestones

Year 1: The City will participate in at least one volunteering activity each year.

Year 2: The City will participate in at least one volunteering activity each year.

Year 3: The City will participate in at least one volunteering activity each year.

Year 4: The City will participate in at least one volunteering activity each year.

Year 5: The City will participate in at least one volunteering activity each year.

Additional Info

BMP Number: _____

☑ B.3 Stakeholder Meeting

Brief Description of BMP

The City will hold a stakeholder or public meeting to discuss their NPDES program, stormwater runoff or similar issues.

Measurable Goals, including frequencies

Stakeholder meetings offer direct input on issues impacting residents and provide an opportunity to gather feedback as well as disseminate stormwater related information.

Milestones

Year 1: The City will hold a stakeholder or public meeting at least once a year.

Year 2: The City will hold a stakeholder or public meeting at least once a year.

Year 3: The City will hold a stakeholder or public meeting at least once a year.

Year 4: The City will hold a stakeholder or public meeting at least once a year.

Year 5: The City will hold a stakeholder or public meeting at least once a year.

Additional Info

BMP Number: _____

☐ B.4 Public Hearing

☐ B.5 Volunteer Monitoring

☑ B.6. Program Involvement

Brief Description of BMP

The City has coordinated with other local municipalities and agencies on regional stormwater related issues. The City participates and coordinates with the Fox River Watershed Group.

Measurable Goals, including frequencies

The City will continue to partner with the County and other agencies to coordinate efforts such as watershed studies and other issues that impact more than one individual municipality. The goal of the two work groups is to identify best management practices that are most appropriate and cost effective for the region to be used by municipalities and includes an element for chloride reduction.

Milestones

Year 1: The City will work to coordinate with other local agencies regarding stormwater related issues.

Year 2: The City will work to coordinate with other local agencies regarding stormwater related issues.

Year 3: The City will work to coordinate with other local agencies regarding stormwater related issues.

Year 4: The City will work to coordinate with other local agencies regarding stormwater related issues.

Year 5: The City will work to coordinate with other local agencies regarding stormwater related issues.

Additional Info

BMP Number: _____

☑ B.7 Other Public Involvement

Brief Description of BMP

The City has hosted elementary schools and other residents with tours through various departments of the City.

Measurable Goals, including frequencies

The tours allow the City to educate the participants on the various functions of the City, as well as specifically provide them with knowledge of stormwater vs sanitary, why we treat sanitary and why keeping stormwater is important.

Milestones

Year 1: The City will continue with the education tour program for elementary schools.

Year 2: The City will continue with the education tour program for elementary schools.

Year 3: The City will continue with the education tour program for elementary schools.

Year 4: The City will continue with the education tour program for elementary schools.

Year 5: The City will continue with the education tour program for elementary schools.

Additional Info

BMP Number: _____

C. Illicit Discharge Detection and Elimination

Approximate date first implemented: March 2003 Frequency of each BMP program: Annually (at a minimum)

Qualifying Local Programs

The City performs a number of activities related to the Illicit Discharge Detection and Elimination minimum control measure (MCM). They include the following BMPs: C.1, C.2, C.3, C.4, C.5, C.6, C.7, C.8 and C.10.

The City also shares responsibility for the implementation of its stormwater management program with McHenry County (County). The County serves as a Qualifying Local Program (QLP) for McHenry County MS4s and performs activities related to each of the six MCMs described in the MS4 Permit, including activities related to Illicit Discharge Detection and Elimination regarding the County's QLP activities can be found at the link provided below.

https://www.mchenrycountyil.gov/county-government/departments-j-z/planning-development/water-resources/npdes

Measurable Goals (include shared responsibilities)

☑ C.1 Sewer Map Preparation

Brief Description of BMP

The City has a GIS based mapping system of the receiving streams and a number of outfalls.

Measurable Goals, including frequencies

The City will continue to improve and update the GIS system and outfall inventory mapping.

Milestones

Year 1: The City will continue the mapping and outfall inventory.

Year 2: The City will continue the mapping and outfall inventory.

Year 3: The City will continue the mapping and outfall inventory.

Year 4: The City will continue the mapping and outfall inventory.

Year 5: The City will continue the mapping and outfall inventory.

Additional Info

BMP Number: _____

☑ C.2 Regulatory Control Program

Brief Description of BMP

The City and County have ordinances in place to allow for regulatory action if an illicit discharge is observed, reported or discovered.

Measurable Goals, including frequencies

The City will continue to enforce the existing ordinances that prevent non-stormwater discharges to reduce or eliminate pollutants from entering the municipal separate storm sewer system.

Milestones

Year 1: The City will continue to enforce the existing ordinances.

Year 2: The City will continue to enforce the existing ordinances.

Year 3: The City will continue to enforce the existing ordinances.

Year 4: The City will continue to enforce the existing ordinances.

Year 5: The City will continue to enforce the existing ordinances.

Additional Info

BMP Number: _____

☑ C.3 Detection/Elimination Prioritization Plan

Brief Description of BMP

The City utilizes various departments to identify and report potential illicit discharges. The City also investigates reports of illicit discharges.

Measurable Goals, including frequencies

The City will continue to identify and investigate potential illicit discharges to reduce or eliminate the impact on local stormwater systems and receiving streams.

Milestones

Year 1: The City will continue to identify and investigate potential illicit discharges.

Year 2: The City will continue to identify and investigate potential illicit discharges.

Year 3: The City will continue to identify and investigate potential illicit discharges.

Year 4: The City will continue to identify and investigate potential illicit discharges.

Year 5: The City will continue to identify and investigate potential illicit discharges.

Additional Info

BMP Number: _____

☑ C.4 Illicit Discharge Tracing Procedures

Brief Description of BMP

The City uses all information available including development plans and the GIS system to trace and eliminate illicit discharges.

Measurable Goals, including frequencies

The City will track, investigate and eliminate illicit discharges as reported, observed or identified.

Milestones

Year 1: The City will trace and eliminate illicit discharges as needed.

Year 2: The City will trace and eliminate illicit discharges as needed.

Year 3: The City will trace and eliminate illicit discharges as needed.

Year 4: The City will trace and eliminate illicit discharges as needed.

Year 5: The City will trace and eliminate illicit discharges as needed.

Additional Info

BMP Number: _____

☑ C.5 Illicit Source Removal Procedures

Brief Description of BMP

The City and County both have enforcement procedures in place to assist with the removal of an identified illicit discharge.

Measurable Goals, including frequencies

The City will utilize enforcement procedures as needed to eliminate illicit discharges to reduce or eliminate the amount of pollutants entering the municipal separate storm sewer system.

Milestones

Year 1: The City will utilize enforcement procedures as needed to eliminate illicit discharges.

Year 2: The City will utilize enforcement procedures as needed to eliminate illicit discharges.

Year 3: The City will utilize enforcement procedures as needed to eliminate illicit discharges.

Year 4: The City will utilize enforcement procedures as needed to eliminate illicit discharges.

Year 5: The City will utilize enforcement procedures as needed to eliminate illicit discharges.

Additional Info

BMP Number: _____

☑ C.6 Program Evaluation and Assessment

Brief Description of BMP

The City will evaluate the illicit discharge and detection program for effectiveness and possible improvements to verify

compliance with the permit requirements and overall effectiveness of the program. The City will monitor the progress of watershed work groups and the establishment of any applicable TMDLs or other Watershed Management Plans.

Measurable Goals, including frequencies

Regular evaluation of the program can provide valuable input and opportunity for improvement as well as ensure compliance with applicable TMDLs and Watershed Management Plans.

Milestones

Year 1: The City will evaluate the program at least once a year.

Year 2: The City will evaluate the program at least once a year.

Year 3: The City will evaluate the program at least once a year.

Year 4: The City will evaluate the program at least once a year.

Year 5: The City will evaluate the program at least once a year.

Additional Info

BMP Number: _____

☑ C.7 Visual Dry Weather Screening

Brief Description of BMP

The City regularly performs dry weather screening as part of its maintenance activities.

Measurable Goals, including frequencies

The City will work to utilize inspection forms while performing the dry weather screening inspections. The goal of this activity is to identify outfalls with potential illicit discharges.

Milestones

Year 1: The City will develop a dry weather inspection form and procedures.

Year 2: The City will review the dry weather inspection form and procedures.

Year 3: The City will review the dry weather inspection form and procedures.

Year 4: The City will review the dry weather inspection form and procedures.

Year 5: The City will review the dry weather inspection form and procedures.

Additional Info

BMP Number: _____

☑ C.8 Pollutant Field Testing

Brief Description of BMP

The City regularly samples, test and documents the results of influent and effluent flow to various lakes and streams throughout the community.

Measurable Goals, including frequencies

The City analyzes the stormwater quality to determine acceptable levels of water quality of its lakes and streams.

Milestones

Year 1: The City will continue the testing program.

Year 2: The City will continue the testing program.

Year 3: The City will continue the testing program.

Year 4: The City will continue the testing program.

Year 5: The City will continue the testing program.

Additional Info

BMP Number: _____

☐ C.9 Public Notification

☑ C.10 Other Illicit Discharge Controls

Brief Description of BMP

Crystal Lake Outlet (DTZR-01) is identified on the IEPA's 303d list as impaired for primary recreational contact (fecal coliform).

The Kishwaukee River (PQ-13) is identified on the IEPA's 303d list as impaired for fish consumption (mercury and PCBs) and aquatic life (DO and sedimentation). No TMDL has been identified for these or any other water bodies in the City. The City will monitor the progress of watershed work groups and the establishment of any applicable TMDLs or other Watershed Management Plans. The City will continue the monitoring and assessment program.

Measurable Goals, including frequencies

The goal of this activity is to monitor receiving streams for potential changes due to the discharge of stormwater and ensure compliance with applicable TMDLs and Watershed Management Plans to reduce waste loads.

Milestones

Year 1: The City will continue the monitoring program.

Year 2: The City will continue the monitoring program.

Year 3: The City will continue the monitoring program.

Year 4: The City will continue the monitoring program.

Year 5: The City will continue the monitoring program.

Additional Info

BMP Number: _____

D. Construction Site Runoff Control

Approximate date first implemented: March 2003 Frequency of each BMP program: Annually (at a minimum)

Qualifying Local Programs

The City has ordinances in place to allow for regulatory action related to construction site runoff control and performs a number of activities related to the Construction Site Runoff Control minimum control measure (MCM). These activities address the following BMPs: D.1, D.2, D.4, D.5 and D.6.

The City also shares responsibility for the implementation of its stormwater management program with McHenry County (County). The County serves as a Qualifying Local Program (QLP) for McHenry County MS4s and performs activities related to each of the six MCMs described in the MS4 Permit, including activities related to Construction Site Runoff Control regarding the County's QLP activities can be found at the link provided below.

https://www.mchenrycountyil.gov/county-government/departments-j-z/planning-development/water-resources/npdes

Measurable Goals (include shared responsibilities)

☑ D.1 Regulatory Control Program

Brief Description of BMP

The City and County have ordinances in place to allow for review, inspection, and enforcement of construction site runoff controls.

Measurable Goals, including frequencies

The City will continue to review, inspect and enforce the ordinance regulations to prevent or reduce the discharge of sediment or other pollutants from construction sites.

Milestones

Year 1: The City will enforce the regulatory procedures.

Year 2: The City will enforce the regulatory procedures.

Year 3: The City will enforce the regulatory procedures.

Year 4: The City will enforce the regulatory procedures.

Year 5: The City will enforce the regulatory procedures.

Additional Info

BMP Number: _____

☑ D.2 Erosion and Sediment Control BMPs

Brief Description of BMP

The City and County have ordinances in place to allow for review, inspection, and enforcement of construction site runoff control BMPs.

Measurable Goals, including frequencies

The City will continue to review, inspect and enforce the ordinance regulations to prevent or reduce the discharge of sediment or other pollutants from construction sites as it relates to BMPs.

Milestones

Year 1: The City will enforce the regulatory procedures.

Year 2: The City will enforce the regulatory procedures.

Year 3: The City will enforce the regulatory procedures.

Year 4: The City will enforce the regulatory procedures.

Year 5: The City will enforce the regulatory procedures.

Additional Info

BMP Number: _____

☐ D.3 Other Waste Control Program

☑ D.4 Site Plan Review Procedures

Brief Description of BMP

The City reviews proposed development plans for compliance.

Measurable Goals, including frequencies

The City will continue to require all developments to be reviewed for compliance with NPDES regulations and other City ordinance standards.

Milestones

Year 1: The City will enforce the review requirements.

Year 2: The City will enforce the review requirements.

Year 3: The City will enforce the review requirements.

Year 4: The City will enforce the review requirements.

Year 5: The City will enforce the review requirements.

Additional Info

BMP Number: _____

☑ D.5 Public Information Handling Procedures

Brief Description of BMP

The City has a system in place for receiving, logging and addressing publicly reported issues.

Measurable Goals, including frequencies

The City will continue to respond to publicly reported issues in a timely manner and investigate as needed to address them.

Milestones

Year 1: The City will respond accordingly.

Year 2: The City will respond accordingly.

Year 3: The City will respond accordingly.

Year 4: The City will respond accordingly.

Year 5: The City will respond accordingly.

Additional Info

BMP Number: _____

☑ D.6 Site Inspection/Enforcement Procedures

Brief Description of BMP

The City and County regulatory programs allow for inspection and enforcement procedures for construction site runoff control.

Measurable Goals, including frequencies

The City will continue to inspect all new developments for compliance with the City and County ordinances.

Milestones

Year 1: The City will enforce the ordinance.

Year 2: The City will enforce the ordinance.

Year 3: The City will enforce the ordinance.

Year 4: The City will enforce the ordinance.

Year 5: The City will enforce the ordinance.

Additional Info

BMP Number: _____

☐ D.7 Other Construction Site Runoff Controls

E. Post-Construction Runoff Control

Approximate date first implemented: March 2003 Frequency of each BMP program: Annually (at a minimum)

Qualifying Local Programs

The City performs a number of activities related to the Post Construction Runoff Control minimum control measure. They include the following BMPs: E.2, E.3, E.4 and E.5.

The City also shares responsibility for the implementation of its stormwater management program with McHenry County (County). The County serves as a Qualifying Local Program (QLP) for McHenry County MS4s and performs activities related to each of the six MCMs described in the MS4 Permit, including activities related to Post-Construction Runoff Control regarding the County's QLP activities can be found at the link provided below.

https://www.mchenrycountyil.gov/county-government/departments-j-z/planning-development/water-resources/npdes

Measurable Goals (include shared responsibilities)

☐ E.1 Community Control Strategy

☑ E.2 Regulatory Control Program

Brief Description of BMP

The City and McHenry County have ordinances and procedures in place that protect water quality and reduce the discharge of pollutants by controlling post-construction site runoff. These procedures are amendable to modification due to climate change. These procedures include review of the BMP designs by qualified staff and inspection/ enforcement during and after construction.

Measurable Goals, including frequencies

The City will continue to enforce the ordinances for compliance with post construction runoff controls to prevent or reduce the discharge of contaminants from construction sites.

Milestones

Year 1: The City will enforce the ordinances.

Year 2: The City will enforce the ordinances.

Year 3: The City will enforce the ordinances.

Year 4: The City will enforce the ordinances.

Year 5: The City will enforce the ordinances.

Additional Info

BMP Number: _____

☑ E.3 Long Term O & M Procedures

Brief Description of BMP

The City and County have procedures in place for assisting and evaluating the long term maintenance of stormwater best management practices and an ordinance in place to ensure the preservation of natural features on development sites including the preservation of depressional storage.

Measurable Goals, including frequencies

The City will continue to assist developers, residents and other target audiences by providing sample maintenance plans and conducting inspections.

Milestones

Year 1: The City will distribute sample maintenance plans and conduct approximately 20% of the inspections.

Year 2: The City will distribute sample maintenance plans and conduct approximately 20% of the inspections.

Year 3: The City will distribute sample maintenance plans and conduct approximately 20% of the inspections.

Year 4: The City will distribute sample maintenance plans and conduct approximately 20% of the inspections.

Year 5: The City will distribute sample maintenance plans and conduct approximately 20% of the inspections.

Additional Info

BMP Number: _____

☑ E.4 Pre-Construction Review of BMP Designs

Brief Description of BMP

The City has procedures in place for the pre-construction review of BMP designs. These procedures include pre-application meetings for large scale developments.

Measurable Goals, including frequencies

The City will continue the review procedures and modify or evaluate as needed to maintain compliance.

Milestones

Year 1: The City will continue the BMP review procedures.

Year 2: The City will continue the BMP review procedures.

Year 3: The City will continue the BMP review procedures.

Year 4: The City will continue the BMP review procedures.

Year 5: The City will continue the BMP review procedures.

Additional Info

BMP Number: _____

☑ E.5 Site Inspections During Construction

Brief Description of BMP

The City has procedures in place to perform site inspections during construction by qualified personnel.

Measurable Goals, including frequencies

The City will continue with the site inspections procedures to verify compliance of BMPs in reducing and/or preventing the discharge of contaminants to local waterways and storm sewers.

Milestones

Year 1: The City will continue with the site inspection procedures.

Year 2: The City will continue with the site inspection procedures.

Year 3: The City will continue with the site inspection procedures.

Year 4: The City will continue with the site inspection procedures.

Year 5: The City will continue with the site inspection procedures.

Additional Info

BMP Number: _____

☐ E.6 Post-Construction Inspections

☐ E.7 Other Post-Construction Runoff Controls

F. Pollution Prevention/Good Housekeeping

Approximate date first implemented: March 2003 Frequency of each BMP program: Annually (at a minimum)

Qualifying Local Programs

The City performs a number of activities related to Pollution Prevention and Good Housekeeping minimum control measure. They include the following BMPs: F.1, F.2, F.3, F.4, F.5 and F.6.

The City also shares responsibility for the implementation of its stormwater management program with McHenry County (County). The County serves as a Qualifying Local Program (QLP) for McHenry County MS4s and performs activities related to each of the six MCMs described in the MS4 Permit, including activities related to Pollution Prevention / Good Housekeeping regarding the County's QLP activities can be found at the link provided below.

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Measurable Goals (include shared responsibilities)

☑ F.1 Employee Training Program

Brief Description of BMP

The City annually provides training to staff regarding a variety of topics aimed at reducing or preventing the discharge of contaminants from municipal operations.

Measurable Goals, including frequencies

The City will continue with the annual training program aimed at educating City staff on ways to reduce or prevent stormwater pollution from City activities.

Milestones

Year 1: The City will continue with the training program.

Year 2: The City will continue with the training program.

Year 3: The City will continue with the training program.

Year 4: The City will continue with the training program.

Year 5: The City will continue with the training program.

Additional Info

BMP Number: _____

☑ F.2 Inspection and Maintenance Program

Brief Description of BMP

The City has an inspection and maintenance program in place to evaluate and maintain stormwater facilities. These activities include the City's extensive street sweeping program.

Measurable Goals, including frequencies

The City will continue the inspection and maintenance program of stormwater facilities to reduce the amount of debris and pollutants that enter the stormwater system.

Milestones

Year 1: The City will continue the inspection program and evaluate approximately 20% of the stormwater system.

Year 2: The City will continue the inspection program and evaluate approximately 20% of the stormwater system.

Year 3: The City will continue the inspection program and evaluate approximately 20% of the stormwater system.

Year 4: The City will continue the inspection program and evaluate approximately 20% of the stormwater system.

Year 5: The City will continue the inspection program and evaluate approximately 20% of the stormwater system.

Additional Info

BMP Number: _____

☑ F.3 Municipal Operations Storm Water Control

Brief Description of BMP

The City has procedures in place to reduce or prevent the discharge of contaminants to the stormwater system from municipal operations.

Measurable Goals, including frequencies

The City will continue to be proactive in evaluating municipal activities that could potentially introduce pollutants to the stormwater system and develop methods to reduce or prevent them.

Milestones

Year 1: The City will continue with the municipal control measures and evaluate additional methods as needed.

Year 2: The City will continue with the municipal control measures and evaluate additional methods as needed.

Year 3: The City will continue with the municipal control measures and evaluate additional methods as needed.

Year 4: The City will continue with the municipal control measures and evaluate additional methods as needed.

Year 5: The City will continue with the municipal control measures and evaluate additional methods as needed.

Additional Info

BMP Number: _____

☑ F.4 Municipal Operations Waste Disposal

Brief Description of BMP

The City has procedures that require appropriate disposal of all wastes generated during municipal operations.

Measurable Goals, including frequencies

The City will continue with the disposal program and requirements to reduce or eliminate the release of pollutants from municipal operations.

Milestones

Year 1: The City will continue with the municipal operations disposal program.

Year 2: The City will continue with the municipal operations disposal program.

Year 3: The City will continue with the municipal operations disposal program.

Year 4: The City will continue with the municipal operations disposal program.

Year 5: The City will continue with the municipal operations disposal program.

Additional Info

BMP Number: _____

☑ F.5 Flood Management/Assess Guidelines

Brief Description of BMP

The City, County and State have strict development regulations related to floodplain management and the evaluation of potential development in these areas.

Measurable Goals, including frequencies

The City will continue to enforce the requirements for potential development is special flood hazard areas.

Milestones

Year 1: The City will continue to enforce the floodplain management requirements.

Year 2: The City will continue to enforce the floodplain management requirements.

Year 3: The City will continue to enforce the floodplain management requirements.

Year 4: The City will continue to enforce the floodplain management requirements.

Year 5: The City will continue to enforce the floodplain management requirements.

Additional Info

BMP Number: _____

☑ F.6 Other Municipal Operations Controls

Brief Description of BMP

The City regularly evaluates their municipal activities for additional ways to reduce or eliminate pollutant runoff including pesticides fertilizer and trash from entering the stormwater system. These activities include salt reduction, de-icing alternatives, proper storage, handling and certification of pesticide use as well as spill and leak prevention, response procedures, street sweeping and waste recycling.

Measurable Goals, including frequencies

The City will continue to evaluate and develop methods or changes to existing practices that can reduce or eliminate pollutants from entering the stormwater system from municipal activities.

Milestones

Year 1: The City will continue the evaluation and monitoring program.

Year 2: The City will continue the evaluation and monitoring program.

Year 3: The City will continue the evaluation and monitoring program.

Year 4:	The City will continue the evaluation and monitoring program.
Year 5:	The City will continue the evaluation and monitoring program.

Additional Info

BMP Number: _____

BMPs Currently Implemented and Proposed

BMP Number	Location
	All BMPs described above are currently implemented and proposed structural or non-structural BMPs.

Approximate Pollutant Reduction Resulting from each BMP

BMP Number	Pollutant	Reduction
	*To be added upon receipt of formal guidance issued by IEPA.	

Instream Monitoring Program

Is there an instream monitoring program currently in place? ◉ Yes ○ No

Is an instream monitoring program currently being proposed? ◉ Yes ○ No

If Yes, which parameters are monitored and at what frequency?

Parameter	Frequency
Various parameters see "other monitoring" section below	As required

Sediment Monitoring

Is sediment monitoring currently taking place? ○ Yes ◉ No

Sample Monitoring of Outfalls

Is sample monitoring of outfalls currently taking place? ○ Yes ◉ No

Other Monitoring

Describe other types of monitoring implemented or proposed to evaluate the BMP effectiveness or water quality impact of stormwater.

Monitoring is conducted as required by the permit and detailed in the City's Annual Facility Inspection Report.

Part III. Certification

I certify under penalty of law that this document an all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for knowingly submitting false information, including the possibility of fines and imprisonment.

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony (415 ILCS 5/44 (h)).

Michael Magnuson	Director of Public Works
Authorized Representative Name	Title
Authorized Representative Signature	2/25/2021 Date

You may complete this form online and save a copy locally before printing and signing the form. It should then be sent to:

Illinois Environmental Protection Agency
Bureau of Water
Division of Water Pollution Control
Attn: Permit Section
P.O. Box 19276
1021 North Grand Avenue East
Springfield, IL 62794-9276

Information required by this form must be provided to comply with 415 ILCS 5/39 (2000). Failure to do so may prevent this form from being processed and could result in your application being denied.