



# Illinois Environmental Protection Agency

Bureau of Water • 1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276

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

### Part I. General Information

1. MS 4 Operator Name: City of Chicago

2. MS4 Mailing Address: Jardine Water Purification Plant, 1000 East Ohio Street, Chicago IL 60611

City: Chicago State: IL

3. Operator Type: City Other: \_\_\_\_\_

4. Operator Status: Local Other: \_\_\_\_\_

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

- |   |  |
|---|--|
| <u>City of Chicago</u>                                      | <u>City of Chicago Department of Buildings (DOB)</u>       |
| <u>City of Chicago Department of Aviation (CDA)</u>         | <u>City of Chicago Department of Transportation (CDOT)</u> |
| <u>City of Chicago Department of Streets and Sanitation</u> | <u>City of Chicago Department of Water Management</u>      |
| <u>City of Chicago Department of Fleet and Facility</u>     | <u>City of Chicago Department of Public Health (DPH)</u>   |

6. Area of land that drains to your MS4 in square miles: Approximately 11 square miles

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

Latitude:				Longitude:			
<u>41</u>	<u>53</u>	<u>18</u>		<u>87</u>	<u>38</u>	<u>30</u>	
<u>Degrees</u>	<u>Minutes:</u>	<u>Seconds:</u>		<u>Degrees:</u>	<u>Minutes:</u>	<u>Seconds:</u>	

8. Name(s) of known receiving waters

- |                                   |  |
|-----------------------------------|--|
| <u>Calumet River</u>              | <u>Chicago River</u>                                   |
| <u>Des Plaines River</u>          | <u>Lake Michigan (impaired by E. Coli)</u>             |
| <u>North Branch Chicago River</u> | <u>Sanitary and Ship Canal</u>                         |
| <u>Silver Creek</u>               | <u>South Branch Chicago River</u>                      |
| <u>Willow Creek</u>               | <u>Higgins Creek, Willow-Higgins Creek, Crystal Cr</u> |

9. Persons responsible for implementation or coordination of Stormwater Management Program:

Name: Burt Rezko Title: Deputy Commissioner Phone: 312-742-5070

Area of Responsibility: Overall

Name: Brendan Schreiber Title: Coordinating Engineer II Phone: 312-742-7226

Area of Responsibility: Overall

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**

Qualifying Local Programs:

None

Measurable Goals (include shared responsibilities)

A.1 Distributed Paper Material

A.2 Speaking Engagement

Brief Description of BMP:

Provide technical seminars regarding Stormwater Ordinance requirements.

Measurable Goals, including frequencies:

Develop, organize, and run technical seminars at least once per year at various venues for engineers, architects, and the public on Stormwater Ordinance requirements.

Milestones:

Year 1:

Develop and present at least 1 seminar.

Year 2:

Develop and present at least 1 seminar.

Year 3:

Develop and present at least 1 seminar.

Year 4:

Develop and present at least 1 seminar.

Year 5:

Develop and present at least 1 seminar.

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Brief Description of BMP:

Promote water conservation efforts through transit advertising and conservation kits.

A.3 Public Service Announcement

Measurable Goals, including frequencies:

To reduce the quantity of water used outdoors on private properties and thus reduce the amount of runoff entering the sewer system, continue to run transit advertisements in bus shelters through the MeterSave program that provide information about water conservation efforts. Continue to give away outdoor conservation kits as part of the program that includes a hose timer, rain gauge, water restricting hose nozzle, and moisture sensor. Meters are installed in approximately 15,000 houses per year through the MeterSave program.

Milestones:

Year 1:

Continue running transit advertisements and distributing outdoor conservation kits.

Year 2:

Continue running transit advertisements and distributing outdoor conservation kits.

Year 3:

Continue running transit advertisements and distributing outdoor conservation kits.

Year 4:

Continue running transit advertisements and distributing outdoor conservation kits.

Year 5:

Continue running transit advertisements and distributing outdoor conservation kits.

Go to Additional Pages

A.4 Community Event

A.5 Classroom Education Material (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Provide stormwater management education materials to schools.

Measurable Goals, including frequencies:

As part of the Space to Grow program that was initiated in 2014, continue to provide financial support for schools where green infrastructure has been or will be installed to help provide educational resources for the students.

Milestones:

Year 1:

Support the existing 9 schools that have had green infrastructure installed as part of Space to Grow.

Year 2:

Support the next 6 schools that will have green infrastructure installed as part of Space to Grow and continue to work with the existing schools.

Year 3:

Support the next 5 schools that will have green infrastructure installed as part of Space to Grow and continue to work with the existing schools.

Year 4:

Support the next 6 schools that will have green infrastructure installed as part of Space to Grow and continue to work with the existing schools.

Year 5:

Support the next 6 schools that will have green infrastructure installed as part of Space to Grow and continue to work with the existing schools.

A.6 Other Public Education

(You may need to go to the next page to fill in this information)

Brief Description of BMP:

Create an MS4 page on the DWM website to provide educational resources to the public.

Measurable Goals, including frequencies:

Create an MS4 page in 2017 and upload relevant MS4 educational information when it becomes available including NOI, Annual Report, and Stormwater Management Plan. Continue to provide educational resources through DWM's main page.

Milestones:

Year 1:

Provide educational resources through DWM's main page.

Year 2:

Create MS4 page on the DWM website and populate with relevant information.

Year 3:

Continually update website with any new or revised information.

Year 4:

Continually update website with any new or revised information.

Year 5:

Continually update website with any new or revised information.

**B.Public Participation/Involvement**

Measurable Goals (include shared responsibilities)

Qualifying Local Programs:

None

B.2 Educational Volunteer

B.3 Stakeholder Meeting

(You may need to go to the next page to fill in this information)

Brief Description of BMP:

Attend public events to inform the public about the stormwater management program.

Measurable Goals, including frequencies:

Attend a total of 45 public events per year including aldermanic meetings, construction projects/specific topics meetings held for a community, and residential fairs to help inform and educate the public about the stormwater management program and BMPs.

Milestones:

Year 1:

Attend 20 aldermanic meetings, 10 construction projects/specific topics meetings, and 15 residential fairs.

Year 2:

Attend 20 aldermanic meetings, 10 construction projects/specific topics meetings, and 15 residential fairs.

Year 3:

Attend 20 aldermanic meetings, 10 construction projects/specific topics meetings, and 15 residential fairs.

Year 4:

Attend 20 aldermanic meetings, 10 construction projects/specific topics meetings, and 15 residential fairs.

Year 5:

Attend 20 aldermanic meetings, 10 construction projects/specific topics meetings, and 15 residential fairs.

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B.4 Public Hearing

B.5 Volunteer Monitoring

B.6. Program Involvement (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Provide stormwater management education materials, tools, and support as part of community workshops.

Measurable Goals, including frequencies:

As part of the Space to Grow program that was initiated in 2014, continue to provide financial support for schools where green infrastructure has been or will be installed to help provide educational information and resource support for community

Milestones:

Year 1:

Support community workshops at Space to Grow schools throughout Chicago.

Year 2:

Support community workshops at Space to Grow schools throughout Chicago.

Year 3:

Support community workshops at Space to Grow schools throughout Chicago.

Year 4:

Support community workshops at Space to Grow schools throughout Chicago.

Year 5:

Support community workshops at Space to Grow schools throughout Chicago.

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B.7 Other Public Involvement (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Work with communities to promote stormwater management BMP's through neighborhood partnerships.

Measurable Goals, including frequencies:

As part of Basement Flooding Partnerships, provide resources and information for communities that have repeated instances of basement flooding from heavy rain storms. When contacted by residents about a neighborhood issue, investigate issue,

Milestones:

Year 1:

Work with 100% of residents who reach out about Basement Flooding Partnerships. Even if an official partnership is not

Year 2:

Work with 100% of residents who reach out about Basement Flooding Partnerships. Even if an official partnership is not created, provide stormwater management information and brochures.

Year 3:

Work with 100% of residents who reach out about Basement Flooding Partnerships. Even if an official partnership is not created, provide stormwater management information and brochures.

Year 4:

Work with 100% of residents who reach out about Basement Flooding Partnerships. Even if an official partnership is not created, provide stormwater management information and brochures.

Year 5:

Work with 100% of residents who reach out about Basement Flooding Partnerships. Even if an official partnership is not created, provide stormwater management information and brochures.

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**C. Illicit Discharge Detection and Elimination**

Qualifying Local Programs:

None

Measurable Goals (include shared responsibilities)

C.1 Sewer Map Preparation (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Accurately represent the MS4 system in GIS.

Measurable Goals, including frequencies:

Verify and update the MS4 GIS data through geospatial analysis and coordination with departments, and continually update the network based off field investigations to ensure accurate representation.

Milestones:

Year 1:

Add new outfalls when new ones come online, and update the master GIS database.

Year 2:

Perform desktop analysis to compare the GIS mapping of outfalls and their corresponding upstream pipes with the atlas page mapping. Add new outfalls when new ones come online and update the master database.

Year 3:

Update GIS to reflect the estimated locations, connectivity, and attributes of the MS4 outfalls and their corresponding upstream pipes. Change symbology of storm and outfall pipes in the tablets' GIS to assist field personnel. CDA to begin office and field verification of mapped outfalls and their corresponding upstream pipes on O'Hare property. Sync inspection database to GIS and update GIS with new GPS coordinates. Add new outfalls when new ones come online and update the master database.

Year 4:

Coordinate with CDA to update MS4 outfall locations on O'Hare property in master database. Coordinate with CDOT to verify that new and abandoned outfalls from road construction are mapped properly. Work with Chicago Park District to determine ownership status of outfalls on their property. Update GIS with GPS coordinates from inspections. Add new outfalls when new ones come online and update the master database.

Year 5:

Work with DOB to map out private MS4 outfall locations to use for informational purposes. Update GIS with GPS coordinates from inspections. Add new outfalls when new ones come online and update the master database.

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C.2 Regulatory Control Program (You may need to go to the next page to fill in this information)

Investigate and enforce regulations that prohibit illegal dumping and illicit discharges.

Measurable Goals, including frequencies:

Investigate 100% of complaints, issue citations as necessary, and ensure violations are fixed accordingly per Municipal Code Chapter 11-16 - Public Sewers and Drains. Review 100% regulated development submittals to ensure that no designs include illicit discharges.

Milestones:

Year 1:

Investigate 100% of complaints and issue citations as needed. Review submittals as needed.

Year 2:

Investigate 100% of complaints and issue citations as needed. Review submittals as needed.

Year 3:

Investigate 100% of complaints and issue citations as needed. Review submittals as needed.

Year 4:

Investigate 100% of complaints and issue citations as needed. Review submittals as needed.

Year 5:

Investigate 100% of complaints and issue citations as needed. Review submittals as needed.

Go to Additional Pages

- C.3 Detection/Elimination Prioritization Plan
- C.4 Illicit Discharge Tracing Procedures
- C.5 Illicit Source Removal Procedures
- C.6 Program Evaluation and Assessment (You may need to go to the next page to fill in this information)

Brief Description of DMP:

Institute an inspection frequency to evaluate the condition of all MS4 outfalls.

Measurable Goals, including frequencies:

Perform inspections on 100% of MS4 outfalls within 5 years to document accurate location through GPS coordinates, and current condition through assessment of the structure and photographs.

Milestones:

Year 1:

Year 2:

Perform inspections for 25% of outfalls.

Year 3:

Perform inspections for next 25% of outfalls.

Year 4:

Perform inspections for next 25% of outfalls.

Year 5:

Perform inspections for last 25% of outfalls.

Go to Additional Pages



Brief Description of BMP:

Institute an inspection frequency to ensure there are no dry weather flows.

Measurable Goals, including frequencies:

Perform inspections on 100% of MS4 outfalls within 5 years during dry weather to verify outfalls do not connect to an illicit connection.

Milestones:

Year 1:

Year 2:

Perform inspections for 25% of outfalls.

Year 3:

Perform inspections for next 25% of outfalls.

Year 4:

Perform inspections for next 25% of outfalls.

Year 5:

Perform inspections for last 25% of outfalls.

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C.8 Pollutant Field Testing

C.9 Public Notification

(You may need to go to the next page to fill in this information)

Brief Description of BMP:

Identify catch basins upstream of MS4 outfalls with medallions to signify storm outfalls.

Measurable Goals, including frequencies:

Visit each MS4 outfall once in 5 years to ensure that upstream catch basins have "No Dumping" medallions glued on. If medallions have been removed, add new medallion to catch basin.

Milestones:

Year 1:

Year 2:

Year 3:

Year 4:

Visit 100% of MS4 outfalls to ensure medallions are attached to upstream catch basins. If needed, install new medallions.

Year 5:

Go to Additional Pages

C.10 Other Illicit Discharge Controls

(You may need to go to the next page to fill in this information)

Develop an MS4 outfall inspection database and create a centralized location for MS4 information from all departments.

Measurable Goals, including frequencies:

Using the inspection information, create a MS4 outfall database that can be linked to GIS. Synchronize all other MS4 related information into one centralized location.

Milestones:

Year 1:

Year 2:

Create database using the first year of inspection information.

Year 3:

Add additional inspection information to database. Synchronize all other MS4 information into a centralized location.

Year 4:

Update database and folder as needed.

Year 5:

Update database and folder as needed.

Go to Additional Pages

**D. Construction Site Runoff Control**

Measurable Goals (include shared responsibilities)

Qualifying Local Programs:

None

D.1 Regulatory Control Program (You may need to go to the next page to fill in this information)

Brief Description of BMP:

For DOB, ensure all regulated construction projects (over 15,000 square feet of land area or 7,500 square feet of paved area) are in compliance with the Stormwater Ordinance.

For CDA, ensure all projects obtain coverage under General Permit ILR10.

Measurable Goals, including frequencies:

For DOB, issue permits for projects that are in compliance with the Stormwater Ordinance (Municipal Code Chapter 11-18). Verify that the projects follow regulations through the review of site and erosion/sediment control plans.

For CDA, develop construction SWPPPs and obtain coverage under General Permit ILR10 for sites greater than one acre, as well as sites less than one acre which are part of a larger development pursuant to section Part IV.B.4.a. of General Permit ILR40. Obtain and maintain compliance with General Permit ILR10.

Milestones:

Year 1:

For DOB, review plans and when applicable, issue permits for regulated construction projects. For CDA, develop SWPPPs and maintain compliance with ILR10.

Year 2:

For DOB, review plans and when applicable, issue permits for regulated construction projects. For CDA, develop SWPPPs and maintain compliance with ILR10.

Year 3:

For DOB, review plans and when applicable, issue permits for regulated construction projects. For CDA, develop SWPPPs and maintain compliance with ILR10.

Year 4:

For DOB, review plans and when applicable, issue permits for regulated construction projects. For CDA, develop SWPPPs and maintain compliance with ILR10.

Year 5:

For DOB, review plans and when applicable, issue permits for regulated construction projects. For CDA, develop SWPPPs and maintain compliance with ILR10.

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D.2 Erosion and Sediment Control BMPs (You may need to go to the next page to fill in this information)

Brief Description of BMP:

For DOB, DWM, CDA, and DPH, ensure correct erosion and sediment control BMP's are being regulated.

Measurable Goals, including frequencies:

For DOB and DWM, review and update the Regulations for Sewer Construction and Stormwater Management and the Stormwater Management Ordinance Manual annually. Perform office and field trainings with field personnel and mason inspectors about the Regulations and Manual. Require the permittee sign a soil erosion and sediment control affidavit to ensure proper measures are followed during construction.

For CDA, ensure erosion and sediment control BMPs and practices comply with the Illinois Urban Manual.

For DPH, perform construction site cleanliness inspections and issue tickets for violations.

Milestones:

Year 1:

For DOB and DWM, update Regulations and Ordinances and require permittee sign affidavit. Perform office and field trainings for field personnel and mason inspectors. For CDA, verify compliance with Urban Manual. For DPH, perform inspections as needed.

Year 2:

For DOB and DWM, update Regulations and Ordinances and require permittee sign affidavit. Perform office and field trainings for field personnel and mason inspectors. For CDA, verify compliance with Urban Manual. For DPH, perform inspections as needed.

Year 3:

For DOB and DWM, update Regulations and Ordinances and require permittee sign affidavit. Perform office and field trainings for field personnel and mason inspectors. For CDA, verify compliance with Urban Manual. For DPH, perform inspections as needed.

Year 4:

For DOB and DWM, update Regulations and Ordinances and require permittee sign affidavit. Perform office and field trainings for field personnel and mason inspectors. For CDA, verify compliance with Urban Manual. For DPH, perform inspections as needed.

Year 5:

For DOB and DWM, update Regulations and Ordinances and require permittee sign affidavit. Perform office and field trainings for field personnel and mason inspectors. For CDA, verify compliance with Urban Manual. For DPH, perform inspections as needed.

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D.3 Other Waste Control Program (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Measurable Goals, including frequencies:

Through the Chicago Sustainable Development Policy, require 100% of planned developments that are applying for additional benefits like TIF assistance or city land write-downs, to provide a holistic approach to sustainable development that exceeds minimum requirements in the following areas: health, energy, stormwater management, landscapes, green roofs, water, transportation, solid waste, workforce and wildlife.

Milestones:

Year 1:

Develop Chicago Sustainable Development Policy and institute by January 2017.

Year 2:

Enforce 100% of planned developments applying for the specific programs to exceed sustainable development guidelines to receive benefits.

Year 3:

Enforce 100% of planned developments applying for the specific programs to exceed sustainable development guidelines to receive benefits.

Year 4:

Enforce 100% of planned developments applying for the specific programs to exceed sustainable development guidelines to receive benefits.

Year 5:

Enforce 100% of planned developments applying for the specific programs to exceed sustainable development guidelines to receive benefits.

Go to Additional Pages

D.4 Site Plan Review Procedures (You may need to go to the next page to fill in this information)

Brief Description of BMP:

For DOB, review site plans for Stormwater Ordinance compliance.

Measurable Goals, including frequencies:

For DOB, ensure 100% of site plans that require a stormwater management review (over 15,000 square feet of land area or 7,500 square feet of paved area) get reviewed and approved before construction begins. This includes construction on CDA property where as-built drawings will be submitted following the completion of construction and final site surveys.

Milestones:

Year 1:

Review site plans as required.

Year 2:

Review site plans as required.

Year 3:

Review site plans as required.

Year 4:

Review site plans as required.

Year 5:

Review site plans as required.

Go to Additional Pages

D.5 Public Information Handling Procedures

D.6 Site Inspection/Enforcement Procedures (You may need to go to the next page to fill in this information)

Brief Description of BMP:

For CDA, inspect ongoing construction projects for conformance with plans, approvals, and permit conditions.

Measurable Goals, including frequencies:

The CDA has authority to withhold payment to a contractor for portions of work that are out of compliance until the contractor takes corrective action. To ensure compliance, inspections are conducted on a weekly basis and following a precipitation event greater than 0.5".

Milestones:

Year 1:

Perform inspections weekly and after precipitation events greater than 0.5".

Year 2:

Perform inspections weekly and after precipitation events greater than 0.5".

Year 3:

Perform inspections weekly and after precipitation events greater than 0.5".

Year 4:

Perform inspections weekly and after precipitation events greater than 0.5".

Year 5:

Perform inspections weekly and after precipitation events greater than 0.5".

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D.7 Other Construction Site Runoff Controls (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Prevent unnecessary debris from entering the system through catch basins during construction.

Measurable Goals, including frequencies:

When identified, require contractors to install debris covers on 100% of catch basins adjacent to construction sites to prevent debris from entering system.

Milestones:

Year 1:

When identified, require 100% of catch basins adjacent to construction sites to be covered.

Year 2:

When identified, require 100% of catch basins adjacent to construction sites to be covered.

Year 3:

When identified, require 100% of catch basins adjacent to construction sites to be covered.

Year 4:

When identified, require 100% of catch basins adjacent to construction sites to be covered.

Year 5:

When identified, require 100% of catch basins adjacent to construction sites to be covered.

Go to Additional Pages

**E. Post-Construction Runoff Control**

Qualifying Local Programs:

None

Measurable Goals (include shared responsibilities)

E.1 Community Control Strategy (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Collect and retain stormwater through the installation of green infrastructure on public property.

Measurable Goals, including frequencies:

Install green infrastructure as part of various projects including road reconstruction work (bioswales, infiltration trenches, permeable pavements, rain gardens); streetscape and traffic calming projects (permeable pavements, planter boxes, rain gardens); schoolyard reconstruction (permeable pavements, rain gardens); parking lot transformations (green landscaping); sewer and water replacement projects (permeable pavements); and any other city project that incorporates green infrastructure designs.

Milestones:

Year 1:

Install green infrastructure assets as part of road reconstruction, streetscape and traffic calming projects, schoolyard reconstruction, parking lot transformations, sewer/water replacement projects, and other construction projects.

Year 2:

Install green infrastructure assets as part of road reconstruction, streetscape and traffic calming projects, schoolyard reconstruction, parking lot transformations, sewer/water replacement projects, and other construction projects.

Year 3:

Install green infrastructure assets as part of road reconstruction, streetscape and traffic calming projects, schoolyard reconstruction, parking lot transformations, sewer/water replacement projects, and other construction projects.

Year 4:

Install green infrastructure assets as part of road reconstruction, streetscape and traffic calming projects, schoolyard reconstruction, parking lot transformations, sewer/water replacement projects, and other construction projects.

Year 5:

Install green infrastructure assets as part of road reconstruction, streetscape and traffic calming projects, schoolyard reconstruction, parking lot transformations, sewer/water replacement projects, and other construction projects.

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E.2 Regulatory Control Program

For DOB, ensure correct post-construction runoff controls are being properly regulated.

Measurable Goals, including frequencies:

For DOB, review and update the Regulations for Sewer Construction and Stormwater Management and the Stormwater Management Ordinance Manual annually to ensure the proper runoff controls are being mandated.

Milestones:

Year 1:

Update Regulations and Ordinances.

Year 2:

Update Regulations and Ordinances.

Year 3:

Update Regulations and Ordinances.

Year 4:

Update Regulations and Ordinances.

Year 5:

Update Regulations and Ordinances.

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E.3 Long Term O & M Procedures (You may need to go to the next page to fill in this information)

Brief Description of BMP:

For DOB, enforce development and implementation of O&M plans.

Measurable Goals, including frequencies:

For DOB, verify all regulated developments have an approved O&M Plan in place prior to construction and confirm through post-construction inspections that the O&M Plan is being followed. O&M Plans describe the operation and maintenance of all stormwater BMPs, such as green roofs, permeable pavements, biofiltration systems, detention systems, restrictors, etc.

Milestones:

Year 1:

Review 100% of O&M plans prior to construction and verify O&M plans are being followed once construction is completed.

Year 2:

Review 100% of O&M plans prior to construction and verify O&M plans are being followed once construction is completed.

Year 3:

Review 100% of O&M plans prior to construction and verify O&M plans are being followed once construction is completed.

Year 4:

Review 100% of O&M plans prior to construction and verify O&M plans are being followed once construction is completed.

Year 5:

Review 100% of O&M plans prior to construction and verify O&M plans are being followed once construction is completed.

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E.4 Pre-Construction Review of BMP Designs (You may need to go to the next page to fill in this information)

For DOB, review site plans for BMP design compliance with Stormwater Ordinance

Measurable Goals, including frequencies:

For DOB, ensure 100% of regulated developments' site plans have BMPs that comply with Stormwater Ordinance requirements (Municipal Code Chapter 11-18) and General Permit ILR10.

For CDA, submit 90% drawings to DWM and the local Soil and Water Conservation District (North Cook County or Kane-DuPage) for review and approval.

Milestones:

Year 1:

For DOB, review 100% of site plans as required. For CDA, submit drawings to DWM and Conservation Districts for approval.

Year 2:

For DOB, review 100% of site plans as required. For CDA, submit drawings to DWM and Conservation Districts for approval.

Year 3:

For DOB, review 100% of site plans as required. For CDA, submit drawings to DWM and Conservation Districts for approval.

Year 4:

For DOB, review 100% of site plans as required. For CDA, submit drawings to DWM and Conservation Districts for approval.

Year 5:

For DOB, review 100% of site plans as required. For CDA, submit drawings to DWM and Conservation Districts for approval.

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- E.5 Site Inspections During Construction
- E.6 Post-Construction Inspections



For DOB, ensure after construction that post-construction runoff controls on all regulated construction projects are in compliance.

Measurable Goals, including frequencies:

For DOB, perform post-construction final inspection by licensed professional engineer on 100% of regulated construction projects to confirm that the site is in compliance with the Stormwater Ordinance, plans, approvals, and permit conditions. Continue inspections for detention basins until the permanent soil stabilization is established. Educate new field personnel and inspectors about stormwater enforcement procedures.

Milestones:

Year 1:

Perform inspections post-construction for 100% of regulated projects.

Year 2:

Perform inspections post-construction for 100% of regulated projects.

Year 3:

Perform inspections post-construction for 100% of regulated projects.

Year 4:

Perform inspections post-construction for 100% of regulated projects.

Year 5:

Perform inspections post-construction for 100% of regulated projects.

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E.7 Other Post-Construction Runoff Controls

**F. Pollution Prevention/Good Housekeeping**

Measurable Goals (include shared responsibilities)

Qualifying Local Programs:

None

F.1 Employee Training Program

(You may need to go to the next page to fill in this information)

Educate employees about stormwater management and pollution prevention BMPs.

Measurable Goals, including frequencies:

For the various departments in the City of Chicago, provide specific stormwater management and pollution prevention trainings and seminars that are applicable to the department and the employee's role.

Milestones:

Year 1:

For CDA, continue to train select airport badge holders on spill prevention and spill control procedures (approximately 5,000 people per year). For 2FM, continue to train new employees on the Sustainable Operations Plan, which includes information on stormwater management and erosion control. For CDOT, provide lunch and learn seminars on stormwater management topics. For DWM, continue to train mason inspectors on stormwater management regulations, and continue to have key personnel attend MS4 trainings once per year.

Year 2:

For CDA, continue to train select airport badge holders on spill prevention and spill control procedures (approximately 5,000 people per year). For 2FM, continue to train new employees on the Sustainable Operations Plan, which includes information on stormwater management and erosion control. For CDOT, provide lunch and learn seminars on stormwater management topics. For DWM, continue to train mason inspectors on stormwater management regulations, and continue to have key personnel attend MS4 trainings once per year.

Year 3:

For CDA, continue to train select airport badge holders on spill prevention and spill control procedures (approximately 5,000 people per year). For 2FM, continue to train new employees on the Sustainable Operations Plan, which includes information on stormwater management and erosion control. Begin roll out of training to all City departments. For CDOT, provide lunch and learn seminars on stormwater management topics. For DWM, continue to train mason inspectors on stormwater management regulations, and continue to have key personnel attend MS4 trainings once per year.

Year 4:

For CDA, continue to train select airport badge holders on spill prevention and spill control procedures (approximately 5,000 people per year). For 2FM, continue to train new employees on the Sustainable Operations Plan, which includes information on stormwater management and erosion control. Finalize roll out to all City departments. For CDOT, provide lunch and learn seminars on stormwater management topics. For DWM, continue to train mason inspectors on stormwater management regulations, and continue to have key personnel attend MS4 trainings once per year.

Year 5:

For CDA, continue to train select airport badge holders on spill prevention and spill control procedures (approximately 5,000 people per year). For 2FM, continue to train new employees and applicable citywide employees on the Sustainable Operations Plan, which includes information on stormwater management and erosion control. For CDOT, provide lunch and learn seminars on stormwater management topics. For DWM, continue to train mason inspectors on stormwater management regulations, and continue to have key personnel attend MS4 trainings once per year.

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F.2 Inspection and Maintenance Program (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Maintain and rehabilitate the sewer system through cleaning, lining and replacement.

Measurable Goals, including frequencies:

Continue aggressive sewer cleaning, rehabilitation, and replacement programs that will clean 125,000 catch basins, line 200 miles of sewers, line 27,000 structures, and replace 100 miles of sewers over the next 5 years.

Milestones:

Year 1:

Clean 25,000 catch basins, line 50 miles of sewers, line 14,000 structures, and replace 20 miles of sewers.

Year 2:

Clean 25,000 catch basins, line 40 miles of sewers, line 7,000 structures, and replace 20 miles of sewers.

Year 3:

Clean 25,000 catch basins, line 40 miles of sewers, line 2,000 structures, and replace 20 miles of sewers.

Year 4:

Clean 25,000 catch basins, line 35 miles of sewers, line 2,000 structures, and replace 20 miles of sewers.

Year 5:

Clean 25,000 catch basins, line 35 miles of sewers, line 2,000 structures, and replace 20 miles of sewers.

Go to Additional Pages

F.3 Municipal Operations Storm Water Control (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Prevent unnecessary debris from entering the system through catch basins.

Measurable Goals, including frequencies:

For 100% of catch basins not located on O'Hare property that are part of CIP projects or are rehabbed/replaced separately, install new catch basin lids with small slots (ADA lids) to prevent debris from entering system.

Milestones:

Year 1:

Install ADA lids for 100% of catch basins that are addressed.

Year 2:

Install ADA lids for 100% of catch basins that are addressed.

Year 3:

Install ADA lids for 100% of catch basins that are addressed.

Year 4:

Install ADA lids for 100% of catch basins that are addressed.

Year 5:

Install ADA lids for 100% of catch basins that are addressed.

Go to Additional Pages

F.4 Municipal Operations Waste Disposal (You may need to go to the next page to fill in this information)

For DSS, institute a robust street sweeping protocol to prevent debris before entering the MS4 system.

For CDA, remove and dispose of excess waste from airfield pavement before entering the MS4 system.

Measurable Goals, including frequencies:

For DSS, continue to deploy a street sweeper each day for every ward (50 wards) during sweeping season (April through November). Sweep over 200,000 miles of streets and over 2,000 alleys each year and dispose of debris per waste disposal procedures. Sweep previously installed green alleys as part of the 2,000 each year.

For CDA, when needed, use a waste collection contractor to collect municipal operations waste and take off-site to a municipal landfill. Collect foreign object debris (litter) from airfield pavement.

Milestones:

Year 1:

For DSS, sweep over 200,000 miles of streets and over 2,000 alleys each year. For CDA, collect waste and litter from airport grounds as needed.

Year 2:

For DSS, sweep over 200,000 miles of streets and over 2,000 alleys each year. For CDA, collect waste and litter from airport grounds as needed.

Year 3:

For DSS, sweep over 200,000 miles of streets and over 2,000 alleys each year. For CDA, collect waste and litter from airport grounds as needed.

Year 4:

For DSS, sweep over 200,000 miles of streets and over 2,000 alleys each year. For CDA, collect waste and litter from airport grounds as needed.

Year 5:

For DSS, sweep over 200,000 miles of streets and over 2,000 alleys each year. For CDA, collect waste and litter from airport grounds as needed.

Go to Additional Pages

F.5 Flood Management/Assess Guidelines (You may need to go to the next page to fill in this information)

For DOB, ensure proper floodplain controls are performed.

Measurable Goals, including frequencies:

For DOB, perform floodplain reviews for 100% of projects within and adjacent to the mapped floodplain. Reviews are conducted by professional engineers and a certified floodplain manager (CFM).

Milestones:

Year 1:

Review 100% of projects within and adjacent to mapped floodplain.

Year 2:

Review 100% of projects within and adjacent to mapped floodplain.

Year 3:

Review 100% of projects within and adjacent to mapped floodplain.

Year 4:

Review 100% of projects within and adjacent to mapped floodplain.

Year 5:

Review 100% of projects within and adjacent to mapped floodplain.

Go to Additional Pages

F.6 Other Municipal Operations Controls (You may need to go to the next page to fill in this information)

Brief Description of BMP:

For DSS, control excess salt runoff through salt storage and application BMPs. For 2FM, follow specific BMPs in the management of fleets and facilities. For CDA, maintain compliance with pollution prevention plans, including but not limited to

Measurable Goals, including frequencies:

For DSS, properly manage salt storage to prevent excess runoffs through the use of indoor or covered storage locations, impervious pads, runoff containment, level loading areas, and good housekeeping control. Control excess salt usage during

Milestones:

Year 1:

For DSS, continue to operate according to the salt runoff BMPs. For 2FM, continue to follow fleet and facility BMPs. For CDA,

Year 2:

For DSS, continue to operate according to the salt runoff BMPs. For 2FM, continue to follow fleet and facility BMPs. For CDA,

Year 3:

For DSS, continue to operate according to the salt runoff BMPs. For 2FM, continue to follow fleet and facility BMPs. For CDA,

Year 4:

For DSS, continue to operate according to the salt runoff BMPs. For 2FM, continue to follow fleet and facility BMPs. For CDA,

Year 5:

For DSS, continue to operate according to the salt runoff BMPs. For 2FM, continue to follow fleet and facility BMPs. For CDA,

Go to Additional Pages

Part III. Certification

I certify under penalty of law that this document and 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)).

See Attached

Authorized Representative Name

Title

Date

Authorized Representative Signature

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

Part III Certification - Revised

I certify under penalty of law that I have coordinated with the various City of Chicago Departments responsible for the activities identified in this Notice of Intent and that this document and all attachments were prepared under my and the other responsible Departments' direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based upon 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)).

Barrett B. Murphy


Authorized Representative Name

Commissioner

Title

4/28/2017

Date



Authorized Representative Signature





A. Public Education and Outreach

BMP Number \_\_\_\_\_

Add Another BMP

Delete Last Entry

Additional Info - Page 2

B. Public Participation/Involvement

BMP Number \_\_\_\_\_

Add Another BMP

Delete Last Entry

C. Illicit Discharge Detection and

BMP Number \_\_\_\_\_

Add Another BMP

Delete Last Entry

D. Construction Site Runoff Control

BMP Number \_\_\_\_\_

Add Another BMP

Delete Last Entry

E. Post-Construction Runoff Control

BMP Number \_\_\_\_\_

Add Another BMP

Delete Last Entry

F. Pollution Prevention/Good

BMP Number \_\_\_\_\_

Add Another BMP

Delete Last Entry