



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

- MS 4 Operator Name: Cook County Department of Transportation and Highways
- MS4 Mailing Address: Cook County Administration Building, 69 W. Washington Street, Suite 2300
City: Chicago State: IL
- Operator Type: County Other: _____
- Operator Status: County Other: _____
- Name(s) of governmental entity(ies) in which MS4 is located:
Cook County Department of
Transportation and Highways
- Area of land that drains to your MS4 in square miles: not available
- Latitude and Longitude at approximate geographical center of MS4 for which you are requesting authorization to discharge:
Latitude: 41 48 18 N Longitude: 87 52 43 W
Degrees Minutes Seconds: Degrees Minutes Seconds
- Name(s) of known receiving waters
59th Street Ditch Addison Creek
63rd Street Ditch Belaire Creek
67th Street Ditch Boca Rio Ditch
71st Street Ditch Buffalo Creek
76th Street Ditch Buffalo Creek Tributary A
Butterfield Creek Butterfield Creek East Branch
Butterfield Creek East Branch Tributary Butterfield Creek East Branch Tributary A
Butterfield Creek Tributary No. 1 Butterfield Creek Tributary No. 3
Butterfield Creek Tributary No. 4 Calumet Sag Channel Tributary A
Calumet Sag Channel Tributary AA Calumet Sag Channel Tributary B

8. Name(s) of known receiving waters

Calumet Sag Channel Tributary CCalumet Union Drainage Ditch Southwest BranchCalumet Union Drainage Ditch SW Branch Trib.SCherry Creek East BranchCherry Creek West BranchChicago River North BranchSkokie RiverChicago River North Branch West ForkCrystal CreekDeer CreekDes Plaines RiverDixie CreekEast Avenue DitchElk Grove Boulevard Drainage DitchFarrington DitchFilsen Park DitchFlag Creek Tributary AFlag Creek Tributary CFlint Creek TributaryFlossmoor Ditch Tributary AHickory CreekHiggins CreekI-57 Drainage DitchIllinois and Michigan Canal Tributary BIllinois and Michigan Canal Tributary DLansing Ditch East TributaryLansing Ditch Torrence TributaryLansing Ditch Tributary ALong Run CreekLong Run Creek Tributary BCalumet Union Drainage DitchCalumet Union Drainage Ditch SW Branch Trib.NCherry CreekCherry Creek East Branch TributaryCherry Creek West Branch East ForkChicago River North Branch - Skokie RiverChicago River North Branch Middle ForkCrestwood Drainage Ditch WestCrystal Creek TributaryDeer Creek Tributary BDes Plaines River Tributary ADuPage River West BranchEast Avenue Ditch TributaryFarmer's CreekFeehanville DitchFlag CreekFlag Creek Tributary BFlint CreekFlossmoor DitchGrand Calumet RiverHickory Creek Tributary AHiggins Creek Tributary AIllinois and Michigan Canal Tributary AIllinois and Michigan Canal Tributary CLansing DitchLansing Ditch Lynwood TributaryLansing Ditch West TributaryLittle Calumet RiverLong Run Creek Tributary ALong Run Creek Tributary BA

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

Name: John Yonan, P.E. Title: Superintendent Phone: (312) 603-1601Area of Responsibility: Program budgetName: Vacant Title: Design Bureau Chief (HE VI) Phone: (312) 603-1606Area of Responsibility: SESC /SWPPP construction design plans and specifications, permit documentationName: Holly Cichy, P.E. Title: Construction Bureau Chief (HE VI) Phone: (312) 603-1606Area of Responsibility: SESC best management practices inspection and reporting during construction, permit documentationName: Ed Tully, P.E. Title: Maintenance Bureau Chief (HE VI) Phone: (708) 485-7130Area of Responsibility: Post-Construction maintenance of roadways and district facility operationsName: Mike Sterr, P.E. Title: Permits Division Head Phone: (312) 603-1670Area of Responsibility: Issues Highway Construction Permits for work in CCDOH right-of-way by others, coordinates 

Name: _____ Title: _____ Phone: _____

Area of Responsibility: _____

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:

Metropolitan Water Reclamation District of Greater Chicago - Stormwater Management Agency for Cook County. The authority for general supervision of stormwater management in Cook County was conveyed to the District pursuant to the passage of Public Act 93-1049 (Act) by the Illinois State Legislature on November 17, 2004.

Measurable Goals (include shared responsibilities)

 A.1 Distributed Paper Material

Brief Description of BMP:

MWRD provides a brochure describing the District's county-wide storm water management program "Storm Water Management for Cook County - A new role for the Metropolitan Water Reclamation District of greater Chicago (Protecting Our Water Environment)"

Measurable Goals, including frequencies:

Brochure is made available for download on the MWRD Website>>Services & Facilities>>Storm water Management>>Overview>>Mission

Milestones:

Go to Additional Pages

Year 1:

n/a

Year 2:

n/a

Year 3:

n/a

Year 4:

n/a

Year 5:

n/a

- A.2 Speaking Engagement
- A.3 Public Service Announcement
- A.4 Community Event

Brief Description of BMP:

The rain barrel program is a part of the MWRD's green infrastructure initiative and supports our mission of managing stormwater and reducing water pollution. The MWRD is promoting a variety of water conservation methods in addition to rain barrels, such as rain gardens, native landscaping, stormwater trees, green roofs, greenways, wetlands and porous pavement.

Measurable Goals, including frequencies:

n/a

Milestones:

Year 1:

n/a

Year 2:

n/a

Year 3:

n/a

Year 4:

n/a

Year 5:

n/a

Go to Additional Pages

- A.5 Classroom Education Material
- A.6 Other Public Education (You may need to go to the next page to fill in this information)

Brief Description of BMP:

MWRDGC Public Website

Measurable Goals, including frequencies:

Currently provides links to organizations that provide additional educational materials about environmental protection: The National Association of Clean Water Agencies (NACWA), Illinois Water Environment Association (IWEA), Water Environment Federation (WEF), American Society of Civil Engineers (ASCE)

Milestones:

Year 1:

n/a

Year 2:

n/a

Year 3:

n/a

Year 4:

n/a

Year 5:

n/a

Go to Additional
Pages

B.Public Participation/Involvement

Measurable Goals (include shared responsibilities)

Qualifying Local Programs:

Metropolitan Water Reclamation District of Greater Chicago - Stormwater Management Agency for Cook County. The authority for general supervision of stormwater management in Cook County was conveyed to the District pursuant to the passage of Public Act 93-1049 (Act) by the Illinois State Legislature on November 17, 2004.

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:

CCDOH personnel attend Watershed Management Ordinance Technical Advisory Meetings held by MWRDGC. CCDOH personnel attend Watershed Planning Council Meetings held by Northwest Council of Mayors, South Suburban Mayors and Managers.

Measurable Goals, including frequencies:

Continued attendance and participation with Watershed Planning Councils for Upper Salt Creek and Poplar Creek, Lower Des Plaines River Tributaries, Cal Sag Channel, Little Calumet River, and the North Branch of the Chicago River.

Milestones:

Year 1:

n/a

Year 2:

n/a

Year 3:

n/a

Year 4:

n/a

Year 5:

n/a

Go to Additional
Pages

B.4 Public Hearing

B.5 Volunteer Monitoring

B.6. Program Involvement

Brief Description of BMP:

MWRD hosts an annual Unwanted Medicine/Household Hazardous Waste Collection Day for all Cook County residents.

Measurable Goals, including frequencies:

n/a

Milestones:

Year 1:

n/a

Year 2:

n/a

Year 3:

n/a

Year 4:

n/a

Year 5:

n/a

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C. Illicit Discharge Detection and Elimination

Qualifying Local Programs:

Metropolitan Water Reclamation District of Greater Chicago - Stormwater Management Agency for Cook County. The authority for general supervision of stormwater management in Cook County was conveyed to the District pursuant to the passage of Public Act 93-1049 (Act) by the Illinois State Legislature on November 17, 2004.

Measurable Goals (include shared responsibilities)

- C.1 Sewer Map Preparation
- C.2 Regulatory Control Program
- C.3 Detection/Elimination Prioritization Plan
- C.4 Illicit Discharge Tracing Procedures
- C.5 Illicit Source Removal Procedures (You may need to go to the next page to fill in this information)

Brief Description of BMP:

CCDOH prohibits un-permitted discharges into the County-owned storm water system. Discovery of illicit connections to County drainage systems are reported by the CCDOH Permit Office to the States Attorney for legal enforcement of permit requirements and illicit connection/source removal.

Measurable Goals, including frequencies:

n/a

Milestones:

Year 1:

n/a

Year 2:

n/a

Year 3:

n/a

Year 4:

n/a

Year 5:

n/a

Go to Additional Pages

- C.6 Program Evaluation and Assessment
- C.7 Visual Dry Weather Screening
- C.8 Pollutant Field Testing
- C.9 Public Notification
- C.10 Other Illicit Discharge Controls (You may need to go to the next page to fill in this information)

The Cook County Department of Transportation and Highways website provides a hotline for Problem Reporting

The 24 hour a day number to call to report problems is (708)485-7130.

Other Local Program:

MWRD 24-hour Dump/Pollution Reporting hotline for citizens

The Industrial Waste Division is the "first line of defense" of our wastewater operations.

One of the most important aspects of treating wastewater is monitoring the kinds of waste which are deposited into the sewer system. While the District's modern treatment plants can clean normal household and industrial wastes, there are some hazardous substances such as heavy metals and toxic chemicals which should never go into a sewer.

The District's pollution control officers monitor the industries in Cook County to assure that wastes are disposed of in an environmentally responsible way and in compliance with federal, state and local laws.

These surveillance and monitoring programs have sharply reduced the possibility of contaminated waterways, poisoned fish and wildlife, and damage to the biological process of our wastewater treatment plants - all the possible results of toxic substances entering the sewers.

In November, 1989, the District took further action by establishing a 24-hour hotline for citizens to call if they see someone who might be dumping hazardous materials into the sewer system. 1-800-332-DUMP or call the District Office of Public Affairs at 312-751-6633.

Measurable Goals, including frequencies:

n/a

Milestones:

Year 1:

n/a

Year 2:

n/a

Year 3:

n/a

Year 4:

n/a

Year 5:

n/ a

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D. Construction Site Runoff Control

Measurable Goals (include shared responsibilities)

Qualifying Local Programs:

IEPA Illinois Urban Manual
IDOT Standard Specifications for Road and Bridge Construction

D.1 Regulatory Control Program

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:

The Cook County Department of Transportation and Highways uses the standards and specifications for soil erosion and sediment control of the Illinois Department of Transportation's Standard Specifications for Road and Bridge Construction and the Illinois Environmental Protection Agency's Illinois Urban Manual.

Measurable Goals, including frequencies:

Continued use of State Standards and Specifications.

Milestones:

Year 1:

n/a

Year 2:

n/a

Year 3:

n/a

Year 4:

n/a

Year 5:

n/a

Go to Additional Pages

D.3 Other Waste Control Program

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

Brief Description of BMP:

Resident Engineer meets with Contractor at on-site pre-construction meeting to discuss implementation of Storm Water Pollution Prevention Plan. SESC plan is updated to reflect on-site active BMP's by location and type.

Measurable Goals, including frequencies:

Continue procedure of RE and Contractor site plan review at pre-construction meetings.

Milestones:

Year 1:

n/a

Year 2:

n/a

Year 3:

n/a

Year 4:

n/a

Year 5:

n/a

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:

During Cook County roadway improvement projects, resident engineers inspect SESC BMPs for proper installation and complete inspection reports once a week and after every 1/2 inch or greater rainfall event. The resident engineer provides a copy of each report to the Contractor and Subcontractor with instructions to repair or install all necessary SESC BMPs.

Measurable Goals, including frequencies:

Continued oversight and reporting by Resident Engineers of SESC Storm Water Pollution Prevention Plan(SWPPP) compliance by Contractor and Subcontractors.

Milestones:

Year 1:

n/a

Year 2:

n/a

Year 3:

n/a

Year 4:

n/a

Year 5:

n/a

[Go to Additional Pages](#)

D.7 Other Construction Site Runoff Controls

Qualifying Local Programs:

Measurable Goals (include shared responsibilities)

E.1 Community Control Strategy

E.2 Regulatory Control Program

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:

All Cook County Department of Transportation and Highways Maintenance Districts have established operation and maintenance procedures. Patrol Routes of all Cook County highways by maintenance district personnel, refuse removal, lawn care, and drainage swale maintenance are provided on an on-going, seasonal basis.

Measurable Goals, including frequencies:

Continued existing O&M procedures.

Milestones:

Year 1:

n/a

Year 2:

n/a

Year 3:

n/a

Year 4:

n/a

Year 5:

n/a

Go to Additional Pages

E.4 Pre-Construction Review of BMP Designs

E.5 Site Inspections During Construction (You may need to go to the next page to fill in this information)

During Cook County roadway improvement projects, resident engineers inspect SESC BMPs for proper installation and complete inspection reports once a week and after every 1/2 inch or greater rainfall event. The resident engineer provides a copy of each report to the Contractor and Subcontractor with instructions to repair or install all necessary SESC BMPs.

Measurable Goals, including frequencies:

Continued oversight and reporting by Resident Engineers of SESC Storm Water Pollution Prevention Plan(SWPPP) compliance by Contractor and Subcontractors.

Milestones:

Year 1:

n/a

Year 2:

n/a

Year 3:

n/a

Year 4:

n/a

Year 5:

n/a

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E.6 Post-Construction Inspections

Brief Description of BMP:

All Cook County Department of Transportation and Highways Maintenance Districts have established operation and maintenance procedures. Patrol Routes of all Cook County highways by maintenance district personnel, drainage system maintenance/repair, lawn care, and refuse removal are provided on an on-going, seasonal basis.

Measurable Goals, including frequencies:

Continued post construction inspections and maintenance of Cook County highway right-of-way by District personnel.

Milestones:

Year 1:

n/a

Year 2:

n/a

Year 3:

n/a

Year 4:

n/a

Year 5:

n/a

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E.7 Other Post-Construction Runoff Controls

F. Pollution Prevention/Good Housekeeping

Measurable Goals (include shared responsibilities)

Qualifying Local Programs:

F.1 Employee Training Program

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

Brief Description of BMP:

All Cook County Department of Transportation and Highways Maintenance Districts have established operation and maintenance procedures for Maintenance District facilities under the direction of each District Supervising Engineer.

Measurable Goals, including frequencies:

Continued O&M procedures.

Milestones:

Year 1:

n/a

Year 2:

n/a

Year 3:

n/a

Year 4:

n/a

Year 5:

n/a

Go to Additional Pages

F.3 Municipal Operations Storm Water Control

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

Storage Operations and Disposal through Maintenance District Contract for Waste Removal (catch basin debris, litter, waste oil)

Measurable Goals, including frequencies:

Continued use and funding of maintenance contract(s) for waste removal.

Milestones:

Year 1:

n/a

Year 2:

n/a

Year 3:

n/a

Year 4:

n/a

Year 5:

n/a

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- F.5 Flood Management/Assess Guidelines
- F.6 Other Municipal Operations Controls

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)).

John Yonan, P.E.

Superintendent

03-28-2014

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