

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

Par	rt I. General Information	on				
1.	MS 4 Operator Name: Ci	ty of Des Plaines				
2.	MS4 Mailing Address: 14	20 Miner Street				
	City: Des Plaines		State: IL			
3.	Operator Type: City		Other:			
4.	Operator Status: Local		Other:			
5.	Name(s) of governmenta	l entity(ies) in which MS	4 is located:			
_						
6.	Area of land that drains t	o your MS4 in square m	iles:15.85			
7.	Latitude and Longitude at	approximate geograph	ical center of MS4 for whic	ch you are requesti	ng authorization to	discharge
La	atitude:		Longitude:			
	Degrees 02 Minutes:	O N Seconds:	87 Degree	es: 53 Minutes:	0 W Seconds:	
8.	Name(s) of known receiv	ing waters				
We	ellers Creek		Feehanville D	itch		
Wi	illow Creek		Des Plaines F	River		
Pr	airie-Farmers Creek	-	-			
			-			

9. Persons responsible	for implementation or coordination of Stormwater Ma	anagement Program:
Name: Timothy Oakley	Title:Director of Public Works and En	ngineering Phone: 847-391-5390
Area of Responsibility:	Oversees construction and maintenance of City's infr	astructure
Name:	Title:	Phone:
Area of Responsibility:		
The second secon	ment Practices (include shared responsibiliti	es) which have been implemented or are
	mented in the MS4 area:	
A. Public Education and		
Qualifying Local Program	5.	
Measurable Goals (include		
Curbside Calendar – Ann pick-up and leaf collection	ual publication provided to residents indicating dates n programs.	and general information on the refuse/recycling
Measurable Goals, includi	ng frequencies:	
Maintain current circulation	n to residents.	
Milestones:		
Go to Additional Pages		
Year 1:		
Maintain current program		
Year 2:		
Maintain current program		
Year 3:		
Maintain current program	•	
Year 4:		
Maintain current program		
Year 5:		
Maintain current program		
A.2 Speaking Eng	gagement	
Brief Description of BMP:		
Cable TV Stormwater Slice	des - Educational slides aired on the City's Public Acc	cess channel

A.3 Public Service Announcement Measurable Goals, including frequencies: Include the slides in the broadcast rotation during one month in the spring each year. Milestones: Year 1: Maintain current program. Year 2: Maintain current program. Year 3: Maintain current program. Year 4: Maintain current program. Year 5: Maintain current program. Go to Additional Pages A.4 Community Event Brief Description of BMP: Arbor Day Community Events - Annual Arbor Day event hosted by the Public Works & Engineering Department. It includes tree-planting activities involving students. Measurable Goals, including frequencies: Conduct Arbor Day celebrations annually. Milestones: Year 1: Continue annual program. Year 2: Continue annual program. Year 3: Continue annual program. Year 4: Continue annual program. Year 5: Continue annual program.

Go to Additional **Pages**

A.5 Classroom Education Material

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

Brief Description of BMP:

Classroom Education Program - City to make an annual outreach to the school districts informing them about the MWRD "Classroom Visitor" program, whereby the MWRD will provide a Community Education Specialist to educate classes, from kindergarten through college, about stormwater management.

Measurable Goals, including frequencies:	Page 4 of 2
Make annual contact to school districts information them about the program	
Milestones:	
Year 1:	
Maintain current practice.	
Year 2:	
Maintain current practice.	
Year 3:	
Maintain current practice.	
Year 4:	
Maintain current practice.	
Year 5:	
Maintain current practice.	
Go to Additional Pages	
	to fill in this information)
Brief Description of BMP:	
City website - Page on the City website to educate residents about the NPDES program a	nd including the Annual Reports.
Measurable Goals, including frequencies:	
Maintain the City webpage devoted to NPDES.	
Milestones:	
Year 1:	
Maintain the City webpage.	
Year 2:	
Maintain the City webpage.	
Year 3:	
Maintain the City webpage.	
Year 4:	
Maintain the City webpage.	
Year 5:	
Maintain the City webpage.	
Go to Additional	

B.Public Participation/Involvement

Measurable Goals (include shared responsibilities)

Qualifying Local Programs:

	Page 5 of 2
☐ B.2 Educational Volunteer	
☐ B.3 Stakeholder Meeting	
☐ B.4 Public Hearing	
⋈ B.5 Volunteer Monitoring	(You may need to go to the next page to fill in this information)
Brief Description of BMP:	
Adopt-a-Spot - Provide support through provision clean litter from areas in the City.	of gloves, bags, garbage pickers, etc. to local volunteer groups who wish to
Measurable Goals, including frequencies:	
Maintain current program.	
Milestones:	
Year 1:	
Maintain current program.	
Year 2:	
Maintain current program.	
Year 3:	
Maintain current program.	
Year 4:	
Maintain current program.	
Year 5:	
Maintain current program.	
Go to Additional Pages B.6. Program Involvement	
□ B.7 Other Public Involvement	(You may need to go to the next page to fill in this information)
Brief Description of BMP:	(Tournal, nood to go to the now page to him in the information)
	ams) – Participation in local and regional committees addressing stormwater
Measurable Goals, including frequencies:	±
Continue participation in watershed organizations	
Milestones:	
Year 1:	
Continue participation in watershed organizations	
Year 2:	
Continue participation in watershed organizations	
Year 3:	
Continue participation in watershed organizations	

Page	6 of 2/

Year 4:

Continue participation in watershed organizations

Year 5:

Continue participation in watershed organizations

C. Illicit Discharge Detection and Eliminatio	n	* 11 3 F.1. F.1.
Qualifying Local Programs:		
Measurable Goals (include shared responsibiliti	es)	
	(You may need to go to the next page to fill in this information)	
System. The most current map is available to	system has been incorporated into the City's Geographic Information all City staff in the office and in the field via the City's web-based ine the map based upon ongoing field investigation and sewer	
Measurable Goals, including frequencies:		
Update the map continuously based upon ongo	oing field investigation.	
Milestones:		
Year 1:		
Continuously update the map.		
Year 2:		
Continuously update the map.		
Year 3:		
Continuously update the map.		
Year 4:		
Continuously update the map.		
Year 5:		
Continuously update the map.		
Go to Additional Pages		

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

C.2 Regulatory Control Program

Illicit Connection Ordinance – City is proposing to update stormwater ordinances including the illicit discharge program in order to ensure coordination with the pending final MWRD Cook County Watershed Management Ordinance.
Measurable Goals, including frequencies:
Update and adopt new illicit connection prevention ordinance.
Milestones:
Year 1:
Complete revisions and adopt updated ordinance (assuming final County WMO is released).
Year 2:
Maintain updated program.
Year 3:
Maintain updated program.
Year 4:
Maintain updated program.
Year 5:
Maintain updated program.
Go to Additional Pages
C.3 Detection/Elimination Prioritization Plan
☑ C.4 Illicit Discharge Tracing Procedures (You may need to go to the next page to fill in this information)
Brief Description of BMP:
Illicit Discharge Inspection Program – Regular inspections performed during Operations and Maintenance activities. Each outfall in the City is inspected at least once annually.
Measurable Goals, including frequencies:
Review inspection program as part of ordinance updates and make any warranted revisions.
Milestones:
Year 1:
Review inspection program as part of ordinance updates and make any warranted revisions.
Year 2:
Maintain inspection program.
Year 3:
Maintain inspection program.
Year 4:
Maintain inspection program.
Year 5:
Maintain inspection program.
Go to Additional Pages

Year 5:

Year 4:

Continue publicity through newsletter and public access channel.

Continue publicity through newsletter and public access channel.

Continue publicity through newsletter and public access channel.

C.10 Other Illicit Discharge Controls

Brief Description of BMP:

Year 3:

Maintain updated program.

Des Plaines River Water Quality Testing - Annual water quality testing of the Des Plaines River, upstream and downstream of the City's MS4 discharge. Program began in July of 2010 and water is being sampled at seven locations for Ammonia, Chloride, Fluoride, Biochemical Oxygen Demand (BOD, 5 day), Phenolics, Total Phosphorus, Total Suspended Solids, Total Kjeldahl Nitrogen, Metals (Potassium), Temperature, pH, Conductivity, Dissolved Oxygen and Total Dissolved Solids.

Measurable Goals, including frequencies:
Maintain annual water quality testing program.
Milestones:
Year 1:
Maintain annual water quality testing program.
Year 2:
Maintain annual water quality testing program.
Year 3:
Maintain annual water quality testing program.
Year 4:
Maintain annual water quality testing program.
Year 5:
Maintain annual water quality testing program.
Go to Additional Pages
D. Construction Site Runoff Control
Measurable Goals (include shared responsibilities) Qualifying Local Programs:
Qualifying Local Programs.
Brief Description of BMP:
Construction Site Stormwater Runoff Control Ordinance - City is proposing to update stormwater ordinances including the construction site runoff control program in order to ensure coordination with the pending final MWRD Cook County Watershed Management Ordinance.
Measurable Goals, including frequencies:
Update and adopt new construction site runoff control ordinances.
Milestones:
Year 1:
Complete revisions and adopt updated ordinance (assuming final County WMO is released).
Year 2:
Maintain undated program

Year 4:
Maintain updated program.
Year 5:
Maintain updated program.
Go to Additional
Pages D 3 Tracion and Sediment Central PMPs
D.2 Erosion and Sediment Control BMPs
D.3 Other Waste Control Program
Stormwater Runoff Site Plan Review – City has created checklist for use in reviewing site plans for compliance with stormwater
ordinances. The checklist includes verifying that developers/contractors have completed the IEPA NOI paperwork.
Measurable Goals, including frequencies:
Continue formal review of site plans for compliance with stormwater ordinances.
Milestones:
Year 1:
Continue formal review procedures.
Year 2:
Continue formal review procedures.
Year 3:
Continue formal review procedures.
Year 4:
Continue formal review procedures.
Year 5:
Continue formal review procedures.
Go to Additional
Pages Pa
D.5 Public Information Handling Procedures
Brief Description of BMP: City Staff Site Inspection and Enforcement – City has adopted a formal Erosion Control Inspection Report form for documenting inspections for compliance with regulations and procedures specified in the ordinances.
Measurable Goals, including frequencies:
Maintain current inspections and enforcement practices.
Milestones:
Year 1:
Maintain current procedures and practices.
Year 2:
Maintain current procedures and practices.

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Page	12	OI	2

Year 3:

Maintain current procedures and practices.

Year 4:

Maintain current procedures and practices.

Year 5:

Maintain current procedures and practices.

Go to Additional Pages

Brief Description of BMP:

Educate Developers and Contractors – The City maintains development/contractor guidance materials. These materials are distributed to developers as part of the permitting process and are available on the City website. In addition, the City uses an erosion control detail sheet and specifications for all City projects. Stormwater management is included on the agenda at all pre-bid and pre-construction meetings to ensure that contractors are aware of the requirements.

Measurable Goals, including frequencies:

Review the guidance materials with respect to any stormwater ordinance changes made coincident with the adoption of the final MWRD Cook County WMO.

Milestones:

Year 1:

Review and revise materials in relation to Cook County WMO.

Year 2:

Maintain materials and practices.

Year 3:

Maintain materials and practices.

Year 4:

Maintain materials and practices.

Year 5:

Maintain materials and practices.

E. Post-Construction Runoff Control	Page 13 of 27
Qualifying Local Programs:	
Measurable Goals (include shared responsibilities)	
☐ E.1 Community Control Strategy	
Brief Description of BMP:	
Post Construction Runoff Control Ordinance - City is proposing to update stormwater ordinances including the post construction runoff control program in order to ensure coordination with the pending final MWRD Cook County Wate Management Ordinance.	ershed
Measurable Goals, including frequencies:	
Update and adopt new post construction runoff control ordinances.	
Milestones:	
Year 1:	
Complete revisions and adopt updated ordinance (assuming final County WMO is released).	
Year 2:	
Maintain updated program.	
Year 3:	
Maintain updated program.	
Year 4:	
Maintain updated program.	
Year 5:	
Maintain updated program.	

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

Go to Additional Pages

Brief Description of BMP:

Long-Term O&M Procedures Inclusion in Post Construction Runoff Control Ordinance - The City is proposing to revise the existing stormwater ordinances to include long-term O&M requirements, coincident with changes based upon the pending Cook County WMO.

Measurable Goals, including frequencies:

Include long-term O&M requirements as part of update to post construction runoff control ordinances.

Milestones:

Year 1:

Implement inclusion of long-term O&M requirement as part of updated ordinance (assuming final County WMO is released).

Year 2:

Maintain updated program.

Year 3:

Maintain updated program.

Year 4:

Maintain updated program.

Year 5:

Maintain updated program.

Go to Additional Pages

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

Brief Description of BMP:

Review of Construction Plans and Designs – City has created a checklist for use in reviewing site plans for compliance with stormwater ordinances.

Measurable Goals, including frequencies:

Continue formal review of site plans for compliance with stormwater ordinances.

Milestones:

Year 1:

Continue formal review procedures

Year 2:

Continue formal review procedures.

Year 3:

Continue formal review procedures.

Year 4:

Continue formal review procedures.

Year 5:

Continue formal review procedures.

Go to Additional Pages

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

Brief Description of BMP:	of 27
City Staff Site Inspection and Enforcement – City has adopted a formal Erosion Control Inspection Report form for documenting inspections for compliance with regulations and procedures specified in the ordinances.	ıg
Measurable Goals, including frequencies:	_
Maintain current inspections and enforcement practices.	
Milestones:	
Year 1:	
Maintain current procedures and practices.	
Year 2:	
Maintain current procedures and practices.	
Year 3:	
Maintain current procedures and practices.	
Year 4:	
Maintain current procedures and practices.	
Year 5:	

⊠ E.7 Other Post-Construction Runoff Controls (You may need to go to the next page to fill in this information)

Maintain current procedures and practices.

☐ E.6 Post-Construction Inspections

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		rage 10 01 27

Educate Developers and Contractors – The City maintains development/contractor guidance materials. These materials are distributed to developers as part of the permitting process and are available on the City website. In addition, the City uses an erosion control detail sheet and specifications for all City projects. Stormwater management is included on the agenda at all pre-bid and pre-construction meetings to ensure that contractors are aware of the requirements.

Measurable Goals, including frequencies:

Brief Description of BMP:

Review the guidance materials with respect to any stormwater ordinance changes made coincident with the adoption of the final MWRD Cook County WMO.

Milestones:

Year 1:

Review and revise materials in relation to Cook County WMO.

Year 2:

Maintain materials and practices.

Year 3:

Maintain materials and practices.

Year 4:

Maintain materials and practices.

Year 5:

Maintain materials and practices.

Go to Additional Pages

F. Pollution Prevention/Good Housekeeping

Measurable Goals (include shared responsibilities)

Qualifying Local Programs:

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

Brief Description of BMP:

City Employee Training – Current training exists for landscape maintenance, auto shop maintenance, street maintenance, and hazardous waste.

Measurable Goals, including frequencies:

Review and update existing training materials annually to assure guidelines are current.

Milestones:

Year 1:

Review and update training materials annually.

Year 2:

Review and update training materials annually.

Year 3:

Review and update training materials annually

Year 4:

Review and update training materials annually.

Year 5:

Review and update training materials annually

Go to Additional Pages

∇ F.2 Inspection and Maintenance Program

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

Brief Description of BMP:

Creek and Outfall Structure Inspection and Repair – Annual inspection of creeks and outfall structures in the City. Cleaning and repair are performed as necessary based upon the inspections.

Measurable Goals, including frequencies:

Perform annual inspection of creeks and outfall structures in the City.

Milestones:

Year 1:

Maintain current program.

Year 2:

Maintain current program.

Year 3:

Maintain current program.

Year 4:

Maintain current program.

Year 5:

Maintain current program.

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:	Page 18 of 27
Street Sweeping – All City streets are swept monthly in season and when weather permits.	
L	
Maintain current sweeping program.	
Milestones:	
Year 1:	
Maintain current sweeping program.	
Year 2:	
Maintain current sweeping program.	
Year 3:	
Maintain current sweeping program.	
Year 4:	
Maintain current sweeping program.	
Year 5:	
Maintain current sweeping program.	
Go to Additional Pages	
F.4 Municipal Operations Waste Disposal (You may need to go to the next page to fill in this information	1)
Brief Description of BMP:	
Measurable Goals, including frequencies:	
IEPA Permit for Transfer Station for Materials at the Public Works Facility – City has permit allowing the collection concrete, leaves, woodchips and spoils prior to proper disposal or recycling of the materials.	of asphalt,
Milestones:	
Year 1:	
Continue existing program.	
Year 2:	
Continue existing program.	
Year 3:	
Continue existing program.	
Year 4:	
Continue existing program.	
Year 5:	
Continue existing program.	
Go to Additional Pages	
F.5 Flood Management/Assess Guidelines	- \
F.6 Other Municipal Operations Controls (You may need to go to the next page to fill in this information	1)

Brief Description of BMP:	Page 19 of 27
Covered Salt Storage – City has permanent covers for the storage of salt.	
L	
Continue existing practice.	
Milestones:	
Year 1:	
Continue existing practice.	
Year 2:	
Continue existing practice.	
Year 3:	
Continue existing practice.	
Year 4:	
Continue existing practice.	
Year 5:	
Continue existing practice.	

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)).

Timothy P. Oakley, PE, CFM	Director of Public Works & Engineering	9-30-2013	
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

A. Public Education and Outreach

BMP Number A.1

Develop and publish stormwater related articles in City Newsletter.

Maintain practice of publishing a minimum of 2 articles per year in City Newsletter.

BMP Number A.1

Business Storm Water Flyer Insert – Include a stormwater related insert with annual business license renewal mailing in November of each year.

Maintain practice of including flyer with annual renewals.

BMP Number A.1

Pet Waste Collection City Code – Include a stormwater/pet waste related flyer with annual pet license renewals in May/June of each year.

Create flyer for the distribution with the 2014 pet license renewals and continue distribution with license renewals in subsequent years.

BMP Number A.6

Storm Drain Messaging - "Dump No Waste - Drains to Waterways" messaging cast into all new storm drain structures.

Maintain practice of specifying messaging on all new storm drain structures.

Add Another BMP

B. Public Participation/Involvement

BMP Number B.7

Recycling Program – Residents participate in a curbside recycling program. The City uses recycling receptacles with lids and wheels to accommodate greater recycling volumes than the former bin program. The program includes paper, glass and plastics.

Maintain current program and participation.

BMP Number B.7

Free Electronics, Light Bulb and Household Battery Recycling - Public Works accepts electronic waste (e.g. computers, televisions, hand-held electronics), fluorescent light bulbs, and household batteries from residents year-round for recycling.

Maintain current electronics recycling program.

BMP Number B.7

Residential Parkway Tree Planting Program – Cost sharing tree-planting program to promote new tree placement in parkways. Tree placement required on all new and redeveloped construction sites.

Maintain parkway tree planting program.

Add Another BMP

C. Illicit Discharge Detection and

BMP Number C.4

Training and Education of Public Works Employees – On going program of classroom mixed with on-the-job training. Staff trained as new requirements are implemented.

Maintain current training program.

BMP Number C.4

Hazardous Materials Response Team – Fire Department is part of a Combined Communities Chemical Emergency Response Team and has a fully trained and equipped team to respond to accidental and intentional spills. The Fire Department also performs building inspections.

Maintain current program.

BMP Number C.4

Illicit Connections Detection during Building Inspections – Inspection for all applicable building permits by licensed plumber. Sanitarian performs annual inspection of food service institutions.

Maintain current inspection programs.

BMP Number C.4

MWRD Inspection/Tracing Program (Local qualifying program) – MWRD performs inspections of waterways. They also review permits and do field inspections for permitted sewer work to ensure no cross connections. City of Des Plaines Engineering Department performs joint inspection with MWRD for new developments.

Maintain current program.

BMP Number C.5

Hazardous Materials Cleanup Program – Fire Department Hazardous Materials Response Team mitigates situation and coordinates remediation arrangements.

Maintain current hazardous materials cleanup program.

BMP Number C.5

MWRD Illicit Connection Removal Enforcement Program (Local qualifying program) – MWRD enforcement for removals under MWRD Code.

Maintain current enforcement program.

Add Another BMP

D. Construction Site Runoff Control

BMP Number D.6

City Staff Installation and Inspection Training – City has on-going internal training combined with on-the-job training when new requirements are introduced. In addition, the City takes advantage of off-site training as opportunities arise, including the Illinois Department of Transportation erosion control seminars.

Maintain current procedures to educate staff.

Add Another BMP

E.F	ost-	Con	structi	ion F	Runof	f Co	ontrol
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BMP Number E.7

City Staff Installation and Inspection Training – City has on-going internal training combined with on-the-job training when new requirements are introduced. In addition, the City takes advantage of off-site training as opportunities arise, including the Illinois Department of Transportation erosion control seminars.

Maintain current procedures to educate staff.

Add Another BMP

F. Pollution Prevention/Good

BMP Number F.2

Detention Pond Inspection and Cleaning – Annual Inspection of detention/retention ponds in the City. Cleaning and repair are performed as necessary based upon the inspections.

Perform annual inspection of detention/retention ponds in the City.

BMP Number F.2

Catch Basin/Inlet Inspection and Cleaning – Current program in which structures are inspected and cleaned on 5-year rotational cycle and during road maintenance operations.

Maintain current program.

BMP Number F.3

Leaf Collection Program – Curb collection programs include the year round use of yard waste bags at weekly pickup or swept into street and collected from October to December.

Maintain current collection program and schedule.

BMP Number F.4

Public Works Facility Washing Station - Facility washing station uses floor drains connected to the sanitary sewer.

Continue existing practice.

BMP Number F.6

Inlet Grate Specifications – Specifications require casting of "Dump No Waste, Drains to Waterway" messaging on all new inlet grates.

Continue existing practice.

BMP Number F.6

Hazardous Material Storage - City uses closed containers with warning signs for material storage.

Continue existing practice.

BMP Number F.6

Sodding Requirement – Sod is placed on all municipal soil disturbance projects to reduce the chance of erosion at these sites.

Continue existing policy.

BMP Number F.6

Controlled Application of Pesticides and Herbicides Herbicides.	- City has a program for the controlled application of Pesticides and age 27 of 27
Continue existing practice.	
Add Another BMP	Delete Last Entry