

**ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
NOTICE OF INTENT
FOR GENERAL PERMIT FOR DISCHARGES FROM
SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS
(MS4s)**

Input forms in Word format are available
by via email.
marilyn.davenport@epa.state.il.us
or by calling the Permit Section at
217/782-0610
See address for mailing on page 4

For Office Use Only – Permit No. ILR40_____

Part I. General Information

1. MS4 Operator Name: City of Joliet
2. MS4 Operator Mailing Address:
Street- 150 West Jefferson Street City- Joliet
State- Illinois Zip Code- 60432-4158
3. Operator Type: City
4. Operator Status: State
5. Name(s) of Governmental Entity(ies) in which MS4 is located: City of Joliet
6. Area of land that drains to your MS4 (in square miles): 61.9
5. Latitude/Longitude at approximate geographical center of MS4 for which you are requesting authorization to discharge:
Latitude: N41 31 00 Longitude: W88 10 00
DEG. MIN. SEC. DEG. MIN. SEC.
8. Name(s) of known receiving waters: *Attach additional sheets (Attachment 1) as necessary:*

<ol style="list-style-type: none"> 1. <u>DesPlaines River</u> 3. <u>Thorne Creek</u> 5. <u>Spring Creek</u> 7. <u>Hickory Creek</u> 9. <u>Rock Run Creek</u> 	<ol style="list-style-type: none"> 2. <u>DuPage River</u> 4. <u>Sugar Run Creek</u> 6. <u>Cedar Creek</u> 8. <u>Aux Sable Creek</u> 10. <u>Jackson Branch – Jackson Creek</u>
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9. Persons Responsible for Implementation/Coordination of Storm Water Management Program:

<u>Name</u>	<u>Title</u>	<u>Telephone No.</u>	<u>Area of Responsibility</u>
<u>James Trizna</u>	<u>Public Works Director</u>	<u>815-724-4200</u>	<u>Public Education and Outreach, Public Participation/Involvement, Post-Construction Runoff Controls, and Pollution Prevention/Good Housekeeping</u>
<u>James Eggen</u>	<u>Utilities Director</u>	<u>815-724-4260</u>	<u>Illicit Discharge Detection and Elimination and Pollution Prevention/Good Housekeeping</u>
<u>Scott Gapsevich</u>	<u>Civil Engineer I</u>	<u>815-724-4210</u>	<u>Construction Site Runoff Control, Post-Construction Runoff Control, and Pollution Prevention/Good Housekeeping</u>

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.

Part II. Best Management Practices (include shared responsibilities) Proposed to be Implemented in the MS4 Area

(Details of BMP implementation for each checked BMP number, e.g., A.1, E.2, is required in Part IV of this NOI.)

A. Public Education and Outreach

- A.1 Distributed Paper Material
- A.2 Speaking Engagement
- A.3 Public Service Announcement
- A.4 Community Event
- A.5 Classroom Education Material
- A.6 Other Public Education

B. Public Participation/Involvement

- B.1 Public Panel
- B.2 Educational Volunteer
- B.3 Stakeholder Meeting
- B.4 Public Hearing
- B.5 Volunteer Monitoring
- B.6 Program Coordination
- B.7 Other Public Involvement

C. Illicit Discharge Detection and Elimination

- C.1 Storm 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
- 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

D. Construction Site Runoff Control

- D.1 Regulatory Control Program
- D.2 Erosion and Sediment Control BMPs
- D.3 Other Waste Control Program
- D.4 Site Plan Review Procedures
- D.5 Public Information Handling Procedures
- D.6 Site Inspection/Enforcement Procedures
- D.7 Other Construction Site Runoff Controls

E. Post-Construction Runoff Control

- E.1 Community Control Strategy
- E.2 Regulatory Control Program
- E.3 Long Term O&M Procedures
- E.4 Pre-Const Review of BMP Designs
- E.5 Site Inspections During Construction
- E.6 Post-Construction Inspections
- E.7 Other Post-Const Runoff Controls

F. Pollution Prevention/Good Housekeeping

- F.1 Employee Training Program
- F.2 Inspection and Maintenance Program
- F.3 Muni Operations Storm Water Control
- F.4 Municipal Operations Waste Disposal
- F.5 Flood Management/Assess Guidelines
- F.6 Other Municipal Operations Controls

Part III. Qualifying Local Programs

Attach additional sheets (Attachment 2) as necessary:

(Describe any qualifying local programs that you will implement in lieu of new permitting requirements.)

1. Public Education and Outreach:

Yearly water quality report mailed to all residents, monthly public service ads on local cable, city website, printed materials available at City Hall.

2. Public Participation/Involvement:

Public comments are accepted via e-mail through the city website.

3. Illicit Discharge Detection and Elimination:

A current ordinance prohibits and includes code enforcement for illicit discharges into the storm sewer system. The City has a storm sewer map and will continue to update it as new information becomes available.

4. Construction Site Runoff Control:

A current ordinance requires a party proposing to perform site grading, stripping, excavating, or filling of land to submit a site permit. The party must describe sediment and erosion control measures on the permit. The City also utilizes field inspectors to monitor these measures and enforce the City's requirements through routine inspections.

The City also performs site review programs to review the individual pre-construction sites to ensure consistency with the sediment and erosion control requirements.

5. Post-Construction Runoff Control:

The City has adopted an ordinance to address post-construction runoff from new development and redevelopment.

6. Pollution Prevention/Good Housekeeping:

For street maintenance, City construction documents already require the use of silt fences and inlet protection. The City also maintains a regular street sweeping program for the downtown and outlying areas. Another program is the catch basin and storm cleaning program. The City requires catch basins and storm sewer cleaning be performed on a regular basis.

The City also incorporates a street de-icing program, fleet management, and waste management programs. The City calibrates their salt trucks on a regular basis, stores vehicle fluids and materials in closed containers, and collects refuse and recyclable material.

Part IV. Measurable Goals (include shared responsibilities) Proposed to be Implemented by the MS4
Attach additional sheets (Attachment 3) as necessary

(BMP No. should match that checked in Part II of this NOI. The applicant may repeat the same BMP No. where more than one BMP of similar type is to be implemented. Where necessary, attach additional sheets to provide more detail on each specific BMP.)

BMP No. A.1

Brief Description of BMP: Material available to the public pertaining to storm water quality education.

Measurable Goal(s), including frequencies: Additional educational material will be prepared to expand on existing resources. The new posters will be available for distribution each year.

Milestones: Year 1: _____
Year 2: Rain Garden Poster
Year 3: Storm Water Poster
Year 4: Rain Barrel Poster
Year 5: _____

BMP No. A.3

Brief Description of BMP: Public/cable education spot addressing storm water education.

Measurable Goal(s), including frequencies: Produce and air a series of ads on local or cable television addressing storm water education to the public. The ads will rotate and air once a month.

Milestones: Year 1: _____
Year 2: Produce new spring fertilizer reduction ad
Year 3: Produce new fall salt reduction ad
Year 4: _____
Year 5: _____

BMP No. A.6

Brief Description of BMP: A section of the City's website will be dedicated to help educate the public on storm water quality.

Measurable Goal(s), including frequencies: The City will expand the website to include additional information and links to proposed public programs.

Milestones: Year 1: _____
Year 2: Add Westwood Rain Garden slideshow.
Year 3: Change rain barrel program.
Year 4: Expand on the Sustainability page information.
Year 5: Maintain and update the website

BMP No. B.7

Brief Description of BMP: An outreach program with local educational institutions will be developed to educate residents on storm water issues.

Measurable Goal(s), including frequencies: Educational programs will be established and maintained each year.

Milestones: Year 1: Establish links with local schools and teachers.
Year 2: Provide information on teaching aids
Year 3: Develop education programs with local teachers and students.
Year 4: _____
Year 5: _____

BMP No. C.1

Brief Description of BMP: Storm Sewer Map Preparation

Measurable Goal(s), including frequencies: The City has a drafted separate storm sewer system map. Approximately 70% of the drafted map has been converted to GIS to improve access to information. Updates will also include any new storm sewer pipe, outfall locations, and receiving water.

Milestones: Year 1: Convert 75% to GIS format.
Year 2: Complete 100% to GIS format.
Year 3: Update the storm sewer system map as new information becomes available.
Year 4: Update the storm sewer system map as new information becomes available.
Year 5: Update the storm sewer system map as new information becomes available.

Part IV. (Continue) Measurable Goals (include shared responsibilities) Proposed to be Implemented by the MS4
Attach additional sheets (Attachment 3) as necessary

BMP No. C.2

Brief Description of BMP: Regulatory Control Program

Measurable Goal(s), including frequencies: The City will expand the program that indicates the restrictions of discharging non-stormwater into the storm sewer system, detects these discharges before they become a problem, and establish enforcement procedures.

Milestones: Year 1:
Year 2: Draft a new ordinance that requires sewer inspection at the time of property sale or annexation.
Year 3: Educate staff on the application of the revised policies and maintain the program
Year 4: Maintain the program
Year 5:

BMP No. C.4

Brief Description of BMP: Illicit Discharge Tracking Procedures

Measurable Goal(s), including frequencies: Modify the complaint tracking system to identify illegal connections and illicit discharges to record locations on the GIS system and document previous actions. Make this information available to field staff to ensure resolution. Develop written notification with tracking system to ensure future compliance.

Milestones: Year 1: Modify tracking program.
Year 2: Educate staff on the documentation changes.
Year 3: Produce yearly summaries of known, new, and eliminated sources.
Year 4: Maintain the tracking program.
Year 5:

BMP No. C.7

Brief Description of BMP: Visual Dry Weather Screening

Measurable Goal(s), including frequencies: Areas with suspicious discharges will be inspected to determine suspected direct connections to the wastewater system and identify areas where wastewater might be leaking into adjacent storm drain pipes.

Milestones: Year 1:
Year 2: Transfer duties to Sewer Department from treatment plant personnel.
Year 3: Educate staff and public on identifying suspicious discharges.
Year 4: Maintain the survey system
Year 5:

BMP No. C.8

Brief Description of BMP: Pollutant Field Testing.

Measurable Goal(s), including frequencies: Each year a number of storm water drain system outfalls will be sampled and tested to identify outfalls with illicit discharges. Approximately 25% of storm outfalls to be tested each year with critical locations tested on an annual basis.

Milestones: Year 1: Prepare written policies & procedures.
Year 2: Provide additional staff education to detect illicit discharges.
Year 3: Maintain program
Year 4:
Year 5:

Part IV. (Continued) Measurable Goals (include shared responsibilities) Proposed to be Implemented by the MS4
Attach additional sheets (Attachment 3) as necessary

BMP No. D.5

Brief Description of BMP: Public Information Handling Procedures

Measurable Goal(s), including frequencies: The City will expand the tracking process whereby public complaints, concerns, permits, etc. are logged to include Public Works / Roadways issues. The tracking process will be implemented throughout the life of the storm water management program.

- Milestones:**
- Year 1: Educate staff on use of MS4 tracking program.
 - Year 2: Begin transition to online tracking using MS4 program.
 - Year 3: Maintain the tracking process.
 - Year 4: Maintain the tracking process.
 - Year 5: Maintain the tracking process.
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BMP No. D.6

Brief Description of BMP: Site Inspections/Enforcement Procedures

Measurable Goal(s), including frequencies: Modify the bonding and letter of credit process to provide for extended long-term site stabilization funding. The procedures will be implemented throughout the life of the storm water management program.

- Milestones:**
- Year 1: Seek City Council approval form implemetation of new bonding process for long term soil erosion control measures.
 - Year 2: Institute policy change to include incremental payouts and a line item to reserve funding.
 - Year 3: Investigate alternate methods to reduce amounts of large scale soil stripping.
 - Year 4: Educate public on new soil stripping policies.
 - Year 5: Maintain policies.
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BMP No. D.7

Brief Description of BMP: Other Construction Site Runoff Controls

Measurable Goal(s), including frequencies: The City will modify the existing requirements for storm water pollution prevention program for construction site operators to include the use of catch all inlet protectors instead of filter fabric, and define the procedure for site dewatering during construction.

- Milestones:**
- Year 1: Investigate alternative & supplemental BMP's.
 - Year 2: Educate staff and developers on recommended use of additional BMP's.
 - Year 3: Maintain the requirements through site review and staff training.
 - Year 4:
 - Year 5:
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BMP No. E.5

Brief Description of BMP: Site Inspection During Construction

Measurable Goal(s), including frequencies: The City will develop coordinating procedure between staff and Certified Site Operation inspected sites, an inspection check sheet, and establish penalties and consequences for non-compliance.

- Milestones:**
- Year 1: Educate additional staff members on site inspection.
 - Year 2: Maintain procedures.
 - Year 3: Provide additional staff education on current policies.
 - Year 4: Maintain procedures.
 - Year 5:
-

Part IV. (Continued) Measurable Goals (include shared responsibilities) Proposed to be Implemented by the MS4
Attach additional sheets (Attachment 3) as necessary

BMP No. E.6

Brief Description of BMP: Post – Construction Inspections

Measurable Goal(s), including frequencies: The City has identified priority sites that warrant inspections before and after significant rain events.

- Milestones: Year 1: Maintain inspections.
Year 2: Maintain inspections.
Year 3: Prepare site maps showing the location of priority sites.
Year 4: Maintain inspections.
Year 5: Maintain inspections.
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BMP No. F.1

Brief Description of BMP: Employee Training Program

Measurable Goal(s), including frequencies: The City will run a staff education program to train City staff regarding the importance of storm water pollution and good housekeeping practices.

- Milestones: Year 1: Prepare handouts for staff.
Year 2: Provide additional staff education.
Year 3: Maintain the program and continue to train staff within the storm water training program
Year 4:
Year 5:
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BMP No. F.2

Brief Description of BMP: Inspection and Maintenance Program

Measurable Goal(s), including frequencies: Establish a tracking method to document the street sweeping debris, grate cleaning, and ditch cleaning with quarterly summaries.

- Milestones: Year 1: Educate staff on use of MS4 tracking program.
Year 2: Begin transition to online tracking using MS4 program.
Year 3: Add additional locations, including ditch & sewer grate cleaning to tracking log.
Year 4: Maintain and utilize the tracking process.
Year 5:

Part V. 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 gather and evaluate 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 fine and imprisonment.

Authorized Representative Name and Title

Signature

Date

**James R. Trizna
Director of Public Works**

Mail completed form to:

**ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF WATER POLLUTION CONTROL
ATTN: PERMIT SECTION
POST OFFICE BOX 19276
SPRINGFIELD, ILLINOIS 62794-9276**