



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: Will County Department of Highways

2. MS4 Mailing Address: 16841 W. Laraway Road

City: Joliet

State: IL

3. Operator Type: County

Other: Highway Department

4. Operator Status: County

Other: Highway Department

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

Will County Department of Highways

6. Area of land that drains to your MS4 in square miles: 4.9 (256 Centerline miles of County Highways)

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

Latitude:

41

Degrees

28

Minutes:

54

Seconds:

Longitude:

-88

Degrees:

1

Minutes:

26

Seconds:

8. Name(s) of known receiving waters

DuPage River

DesPlaines River

Spring Creek

Jackson Creek

Prairie Creek

Forked Creek

Jordan Creek

Black Walnut Creek

Rock Creek

Grant Creek

Deer Creek

Plum Creek

Trim Creek

Pike Creek

Horse Creek

Lily Cache Creek

Mink Creek

Marley Creek

Thorn Creek

Klemme Creek

8. Name(s) of known receiving waters

Sugar Run Creek

Fraction Run Creek

Exline Slough

Spring Brook

Flossmoor DD

Hickory Creek

Rock Run Creek

I & M Canal

Long Run

Union DD

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

Name: Bruce Gould, P.E. Title: County Engineer Phone: 815-727-8476

Area of Responsibility: Highway Department

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:

[Empty box for Qualifying Local Programs]

Measurable Goals (include shared responsibilities)

A.1 Distributed Paper Material

Brief Description of BMP:

Brochures are located at the Will County Department of Highways, Health Department, Waste Services, Land Use Department, etc. The "Environews" Newsletter which contains articles regarding stormwater quality is available through Will County Green.

Measurable Goals, including frequencies:

[Empty box for Measurable Goals, including frequencies]

Milestones:

Go to Additional Pages

Year 1:

Revise content of brochures to make sure all information is up to date.

Year 2:

Revise content of brochures to make sure all information is up to date.

Year 3:

Revise content of brochures to make sure all information is up to date.

Year 4:

Revise content of brochures to make sure all information is up to date.

Year 5:

Revise content of brochures to make sure all information is up to date.

A.2 Speaking Engagement

Brief Description of BMP:

Websites. The Will County Highway Department currently has links to the Stormwater Quality Management Plan on its website. It also includes links to the annual report and other stormwater information. The Will County Land Use Department also has

links to stormwater management documents on its website. Willcountygreen.com is another website specifically designed to provide information to residents, businesses, and community groups. It includes information about stormwater management.

Measurable Goals, including frequencies:

Milestones:

Year 1:

Update website with current Annual Report, and other supporting documents.

Year 2:

Update website with current Annual Report, and other supporting documents.

Year 3:

Update website with current Annual Report, and other supporting documents.

Year 4:

Update website with current Annual Report, and other supporting documents.

Year 5:

Update website with current Annual Report, and other supporting documents.

Go to Additional Pages

- A.4 Community Event
- 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:

Social Media. The Will County Land Use Department is actively involved in social media. It operates a facebook page as well as the twitter handle @WillCoLandUse. The Land Use Department includes stormwater quality information through both forms of social media. Will County Green is also active through its facebook page and the twitter handle @WillCountyGreen.

Measurable Goals, including frequencies:

Milestones:

Year 1:

Post relevant information on social media platforms regularly.

Year 2:

Post relevant information on social media platforms regularly.

Year 3:

Post relevant information on social media platforms regularly.

Year 4:

Post relevant information on social media platforms regularly.

Year 5:

Post relevant information on social media platforms regularly.

Go to Additional Pages

B.Public Participation/Involvement

Measurable Goals (include shared responsibilities)

Qualifying Local Programs:

[Empty text box for Qualifying Local Programs]

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:

Watershed Organizations. The Land Use Department organizes planning groups for specific watersheds within Will County. These groups meet to discuss issues affecting the watershed including preserving, protecting, and restoring water quality.

Measurable Goals, including frequencies:

[Empty text box for Measurable Goals, including frequencies]

Milestones:

Year 1:

Work with existing watershed organizations to continue their efforts.

Year 2:

Work with existing watershed organizations to continue their efforts. Try to organize new groups for other watersheds in Will County.

Year 3:

Work with existing watershed organizations to continue their efforts. Try to organize new groups for other watersheds in Will County.

Year 4:

Work with existing watershed organizations to continue their efforts. Try to organize new groups for other watersheds in Will County.

Year 5:

Work with existing watershed organizations to continue their efforts. Try to organize new groups for other watersheds in Will County.

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:

Recycling Events. Willcountygreen.com organizes specialized recycling collection events that allow citizens to properly dispose of wastes that could potentially be dumped into roadside ditches or storm sewers. These events are held throughout the [Empty text box]

Measurable Goals, including frequencies:

[Empty text box for Measurable Goals, including frequencies]

Milestones:

Year 1:

Host at least one event each month. Host an event in each area of the county each year.

Year 2:

Host at least one event each month. Host an event in each area of the county each year.

Year 3:

Host at least one event each month. Host an event in each area of the county each year.

Year 4:

Host at least one event each month. Host an event in each area of the county each year.

Year 5:

Host at least one event each month. Host an event in each area of the county each year.

Go to Additional
Pages

C. Illicit Discharge Detection and Elimination

Qualifying Local Programs:

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:

Develop a comprehensive outfall map showing the location of all outfalls related to the Will County Highway Department's regulated MS4s. Currently Highway project plans show the locations of conveyance systems and outfalls.

Measurable Goals, including frequencies:

Milestones:

Year 1:

Identify and map all County Highway outfall locations discharging directly into Waters of the United States.

Year 2:

Identify and map all other County Highway outfall locations related to the regulated MS4.

Year 3:

Expand map to include conveyance systems within the Will County Highway Department right of way.

Year 4:

Field verify created map. Maintain and update storm sewer map.

Year 5:

Field verify created map. Maintain and update storm sewer map.

Go to Additional Pages

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

Will County has adopted and enforces the Will County Stormwater Management Ordinance. This ordinance is the basis for local stormwater regulation in Will County. This is an existing program managed by the Will County Stormwater Division and is a Qualifying Local Program. This ordinance establishes authority to prohibit illicit discharges into the County-owned storm sewers or open channels.

Measurable Goals, including frequencies:

[Empty box for Measurable Goals]

Milestones:

Year 1:

Administer current ordinances.

Year 2:

Work with Will County Stormwater Management Planning Committee to review and update the ordinance as needed.

Year 3:

Work with Will County Stormwater Management Planning Committee to review and update the ordinance as needed.

Year 4:

Work with Will County Stormwater Management Planning Committee to review and update the ordinance as needed.

Year 5:

Work with Will County Stormwater Management Planning Committee to review and update the ordinance as needed.

Go to Additional Pages

C.3 Detection/Elimination Prioritization Plan (You may need to go to the next page to fill in this information)

Brief Description of BMP:

If an illicit discharge is identified, tracing procedures must be used to identify the source of the illicit discharge. In the case that raw sewage discharges into storm water conveyance systems, the Will County Health Department performs dye-testing procedures to determine the source of the illicit discharge.

Measurable Goals, including frequencies:

Milestones:

Year 1:

Work with participating departments to implement plan.

Year 2:

Work with participating departments to implement plan. Review and update plan as needed.

Year 3:

Work with participating departments to implement plan. Review and update plan as needed.

Year 4:

Work with participating departments to implement plan. Review and update plan as needed.

Year 5:

Work with participating departments to implement plan. Review and update plan as needed.

Go to Additional Pages

- 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

Measurable Goals (include shared responsibilities)

Qualifying Local Programs:

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

Brief Description of BMP:

Will County has adopted and enforces the Will County Stormwater Management Ordinance. This ordinance is the basis for local stormwater regulation in Will County. This is an existing program managed by the Will County Stormwater Division and is a Qualifying Local Program. This ordinance addresses all requirements of the Construction Site Stormwater Runoff Control Measure.

Measurable Goals, including frequencies:

Milestones:

Year 1:

Administer the current ordinances.

Year 2:

Work with Will County Stormwater Management Planning Committee to review and update the ordinance as needed.

Year 3:

Work with Will County Stormwater Management Planning Committee to review and update the ordinance as needed.

Year 4:

Work with Will County Stormwater Management Planning Committee to review and update the ordinance as needed.

Year 5:

Work with Will County Stormwater Management Planning Committee to review and update the ordinance as needed.

Go to Additional Pages

- D.2 Erosion and Sediment Control BMPs
- 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:

Site Plans are reviewed to ensure that the proposed construction site is meeting the rules and regulations of all governing agencies with respect to sediment and erosion control, as well as other possible pollutants in construction site runoff.

Measurable Goals, including frequencies:

Milestones:

Year 1:

Year 2:

Continue using sediment and erosion control plan review checklist. Review and update checklist as needed.

Year 3:

Continue using sediment and erosion control plan review checklist. Review and update checklist as needed.

Year 4:

Continue using sediment and erosion control plan review checklist. Review and update checklist as needed.

Year 5:

Continue using sediment and erosion control plan review checklist. Review and update checklist as needed.

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:

All Highway projects have routine site inspections by the Resident Engineer. These inspections ensure that the construction activities on site meet the approved site plans and that BMPs are being followed.

Measurable Goals, including frequencies:

[Empty box for Measurable Goals]

Milestones:

Year 1:

Continue with current site inspections. Create a Sediment and Erosion Control Site Inspection Checklist.

Year 2:

Conduct site inspections with the Sediment and Erosion Control Site Inspection Checklist. Update the checklist as needed.

Year 3:

Conduct site inspections with the Sediment and Erosion Control Site Inspection Checklist. Update the checklist as needed.

Year 4:

Conduct site inspections with the Sediment and Erosion Control Site Inspection Checklist. Update the checklist as needed.

Year 5:

Conduct site inspections with the Sediment and Erosion Control Site Inspection Checklist. Update the checklist as needed.

Go to Additional Pages

D.7 Other Construction Site Runoff Controls

E. Post-Construction Runoff Control

Qualifying Local Programs:

Measurable Goals (include shared responsibilities)

- E.1 Community Control Strategy
- E.2 Regulatory Control Program

Brief Description of BMP:

Will County has adopted and enforces the Will County Stormwater Management Ordinance. This ordinance is the basis for local stormwater regulation in Will County. This is an existing program managed by the Will County Stormwater Division and is a Qualifying Local Program. This ordinance addresses all requirements of the Post-Construction Stormwater Management.

Measurable Goals, including frequencies:

Milestones:

Year 1:

Administer current ordinances.

Year 2:

Work with Will County Stormwater Management Planning Committee to review and update the ordinance as needed.

Year 3:

Work with Will County Stormwater Management Planning Committee to review and update the ordinance as needed.

Year 4:

Work with Will County Stormwater Management Planning Committee to review and update the ordinance as needed.

Year 5:

Work with Will County Stormwater Management Planning Committee to review and update the ordinance as needed.

Go to Additional
Pages

- E.3 Long Term O & M Procedures
- E.4 Pre-Construction Review of BMP Designs (You may need to go to the next page to fill in this information)

Perform site plan reviews prior to construction to ensure that the proposed construction site is meeting the requirements of the effective ordinance in respect to possible pollutants in construction site runoff as well as post construction activities.

Measurable Goals, including frequencies:

[Empty box for Measurable Goals]

Milestones:

Year 1:

Continue reviewing designs for post-construction runoff control. Gather review materials.

Year 2:

Continue reviewing designs for post-construction runoff control. Update review materials as needed.

Year 3:

Continue reviewing designs for post-construction runoff control. Update review materials as needed.

Year 4:

Continue reviewing designs for post-construction runoff control. Update review materials as needed.

Year 5:

Continue reviewing designs for post-construction runoff control. Update review materials as needed.

Go to Additional Pages

- E.5 Site Inspections During Construction
- E.6 Post-Construction Inspections
- E.7 Other Post-Construction Runoff Controls

F. Pollution Prevention/Good Housekeeping

Measurable Goals (include shared responsibilities)

Qualifying Local Programs:

[Empty box for Qualifying Local Programs]

F.1 Employee Training Program

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

Through an employee training program, employees will be trained to prevent and reduce stormwater pollution through the proper maintenance and inspection of storm water conveyance systems, detention systems, outfalls, and other areas affecting stormwater runoff. Currently, employee training is limited to proper utilization of cleaning and maintenance equipment. The Will County Department of Highways' equipment includes an enclosed broom sweeper, a rodder/jetter truck, and a manhole cleaning vacuum truck.

Measurable Goals, including frequencies:

Milestones:

Year 1:

Continue with existing training plans. Work with Maintenance Administrator to review and update all stormwater pollution training materials.

Year 2:

Implement stormwater pollution training. Update as needed.

Year 3:

Implement stormwater pollution training. Update as needed.

Year 4:

Implement stormwater pollution training. Update as needed.

Year 5:

Implement stormwater pollution training. Update as needed.

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:

Stormwater pollution can be drastically reduced through the proper inspection and maintenance of stormwater conveyance systems. Routine inspections should be conducted after storm events, and maintenance of storm sewers systems should be performed when the system is working improperly, or if emergency maintenance is needed. Maintenance schedules should be implemented to avoid emergency maintenance situations.

Measurable Goals, including frequencies:

Milestones:

Year 1:

Continue with current inspection and maintenance schedule. Work with Maintenance Administrator to review and update maintenance and inspection schedule.

Year 2:

Continue routine inspections and maintenance. Updating the schedule as needed.

Year 3:

Continue routine inspections and maintenance. Updating the schedule as needed.

Year 4:

Continue routine inspections and maintenance. Updating the schedule as needed.

Year 5:

Continue routine inspections and maintenance. Updating the schedule as needed.

Go to Additional
Pages

- F.3 Municipal Operations Storm Water Control
- F.4 Municipal Operations Waste Disposal
- 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)).

Bruce Gould, P.E.

County Engineer

12/29/13

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

Additional Info - Page 1

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

Additional Info - Page 3

C. Illicit Discharge Detection and

BMP Number _____

Add Another BMP

Delete Last Entry

Additional Info - Page 4

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