



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: Rock Island County

2. MS4 Mailing Address: 1504 - 3rd Ave

City: Rock Island

State: IL

3. Operator Type: County

Other: _____

4. Operator Status: County

Other: _____

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

Rock Island County

6. Area of land that drains to your MS4 in square miles: 452

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

Latitude:

41
Degrees

22
Minutes:

46
Seconds:

Longitude:

90
Degrees:

26
Minutes:

39
Seconds:

8. Name(s) of known receiving waters

Mississippi River

Rock River

Mill Creek

Copperas Creek

Kyte Creek

Sand Creek

Big Branch

Fourth Slough

Case Creek

Canoe Creek

Sugar Creek

Hennepin Canal

Kickapoo Slu

Turkey Hollow Creek

Fancy Creek

Coal Creek

Lake George

Shaffer Creek

Zuma Creek

Meredosia Slough

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

Name: Greg Thorpe Title: Director of Zoning and Building Phone: 309 558-3751
Area of Responsibility: Building Permits, Grading & Drainage Permits, Site Inspections

Name: John Massa Title: County Engineer Phone: 309 787-4668
Area of Responsibility: Maintenance of County Highway System

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:

Distribute storm water pollution prevention information with building permit applications and make available to the public at the county offices. Participate in public speaking engagements.

Measurable Goals (include shared responsibilities)

- A.1 Distributed Paper Material

Brief Description of BMP:

Provide storm water pollution prevention with building permit applications and make available at county offices & website.

Measurable Goals, including frequencies:

Track number of permits issued.

Milestones:

Go to Additional Pages

Year 1:

Track number of permits issued.

Year 2:

Track number of permits issued.

Year 3:

Track number of permits issued.

Year 4:

Track number of permits issued.

Year 5:

Track number of permits issued.

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

Brief Description of BMP:

Participate in the annual Quad City Stormwater Conference.

Measurable Goals, including frequencies:

Continue to participate in the existing Quad City Stormwater Conference.

Milestones:

Year 1:

Participate in the existing Quad City Stormwater Conference.

Year 2:

Participate in the existing Quad City Stormwater Conference.

Year 3:

Participate in the existing Quad City Stormwater Conference.

Year 4:

Participate in the existing Quad City Stormwater Conference.

Year 5:

Participate in the existing Quad City Stormwater Conference.

Go to Additional Pages

- A.5 Classroom Education Material
- A.6 Other Public Education

B.Public Participation/Involvement

Measurable Goals (include shared responsibilities)

Qualifying Local Programs:

Quarterly Stakeholder meetings with Soil & Water Conservation.

- 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:

Participate in quarterly stakeholder meetings with Soil & Water Conservation.

Measurable Goals, including frequencies:

Continue to participate in quarterly stakeholder meetings with Soil & Water Conservation.

Milestones:

Year 1:

Continue to participate in quarterly stakeholder meetings with Soil & Water Conservation.

Year 2:

Continue to participate in quarterly stakeholder meetings with Soil & Water Conservation.

Year 3:

Continue to participate in quarterly stakeholder meetings with Soil & Water Conservation.

Year 4:

Continue to participate in quarterly stakeholder meetings with Soil & Water Conservation.

Continue to participate in quarterly stakeholder meetings with Soil & Water Conservation.

Go to Additional Pages

- B.4 Public Hearing
- B.5 Volunteer Monitoring
- B.6. Program Involvement
- B.7 Other Public Involvement

C. Illicit Discharge Detection and Elimination

Qualifying Local Programs:

GIS Mapping and visual screening of outfalls.

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:

The County has initiated a mapping program to locate and record all county maintained across road culverts, bridges, enclosed storm sewer and outfalls. These locations will be recorded electronically using GPS and incorporated into the County's GIS.

Measurable Goals, including frequencies:

The County will complete the mapping program and revise or update when necessary.

Milestones:

Year 1:

Continue to complete mapping program.

Year 2:

Continue to complete mapping program.

Year 3:

Revise or update mapping program as necessary.

Year 4:

Revise or update mapping program as necessary.

Year 5:

Revise or update mapping program as necessary.

Go to Additional Pages

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

Non-stormwater discharges to the storm sewer system are not permitted or allowed in the County. A comprehensive stormwater ordinance prohibiting such discharges has been developed and implemented.

Measurable Goals, including frequencies:

The County will continue to enforce the stormwater ordinance and track reported illicit discharge occurrences.

Milestones:

Year 1:

Enforce the Illicit Discharge section of the County ordinance.

Year 2:

Enforce the Illicit Discharge section of the County ordinance.

Year 3:

Enforce the Illicit Discharge section of the County ordinance.

Year 4:

Enforce the Illicit Discharge section of the County ordinance.

Year 5:

Enforce the Illicit Discharge section of the County ordinance.

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
- C.7 Visual Dry Weather Screening
- C.8 Pollutant Field Testing
- C.9 Public Notification

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

The County educates members of the residential, commercial and industrial sectors through the Stormwater Management section located on the County website.

Measurable Goals, including frequencies:

The Stormwater Management section listed on the County website will be updated as needed to educate the public. The County ordinance will be updated as needed to prevent further illicit discharges.

Milestones:

Year 1:

Update website information on illicit discharges as necessary.

Year 2:

Update website information on illicit discharges as necessary.

Year 3:

Update website information on illicit discharges as necessary.

Year 4:

Update website information on Illicit Discharges as necessary.

Year 5:

Update website information on Illicit Discharges as necessary.

[Go to Additional Pages](#)

C.10 Other Illicit Discharge Controls (You may need to go to the next page to fill in this information)

Brief Description of BMP:

County staff will be trained to detect and report illicit discharges. The County also works with the County Health Department to detect illicit discharges.

Measurable Goals, including frequencies:

Train appropriate staff on illicit discharge detection and reporting procedures. Record will be kept of the trained employees.

Milestones:

Year 1:

Train appropriate staff on illicit discharge detection and reporting procedures.

Year 2:

Train appropriate staff on illicit discharge detection and reporting procedures.

Year 3:

Continue to train appropriate staff on illicit discharge detection and reporting procedures.

Year 4:

Continue to train appropriate staff on illicit discharge detection and reporting procedures.

Year 5:

Continue to train appropriate staff on illicit discharge detection and reporting procedures.

[Go to Additional Pages](#)

D. Construction Site Runoff Control

Measurable Goals (include shared responsibilities)

Qualifying Local Programs:

Rock Island County Stormwater Ordinance
Site Meetings
Permit Requirements
Project Plan Review/Inspections/Enforcement
Speaking Engagements

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

Brief Description of BMP:

Rock Island County currently has a storm water ordinance which requires erosion and sediment control plans for all new development and redevelopment that disturb over 10,000 square feet of land surface. The ordinance provides controls for construction site and post construction site runoff, requires inspections, and defines enforcement penalties.

Measurable Goals, including frequencies:

Continue to enforce and revise the stormwater ordinance as needed. Document violations, court appearances and fines as related to erosion and sediment violations.

Milestones:

Year 1:

Enforce and revise ordinance as needed. Document violations and enforcement actions.

Year 2:

Enforce and revise ordinance as needed. Document violations and enforcement actions.

Year 3:

Enforce and revise ordinance as needed. Document violations and enforcement actions.

Year 4:

Enforce and revise ordinance as needed. Document violations and enforcement actions.

Year 5:

Enforce and revise ordinance as needed. Document violations and enforcement actions.

[Go to Additional Pages](#)

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:

Rock Island County Building & Zoning requires contractors and staff to implement erosion and sediment control measures on all projects that disturb greater than 10,000 sq ft, or the addition of more than 1000 sq ft of impervious area, fill projects over 100 cubic yards, or slopes greater than 7%. Staff will be educated regarding proper erosion and sediment controls.

Measurable Goals, including frequencies:

The County will perform annual training for staff regarding proper installation and inspection of erosion and sediment controls.

Milestones:

Year 1:

Train appropriate staff regarding all aspects of erosion and sediment controls. Continue to inspect all permitted sites.

Year 2:

Train appropriate staff regarding all aspects of erosion and sediment controls. Continue to inspect all permitted sites.

Year 3:

Year 4:

Train appropriate staff regarding all aspects of erosion and sediment controls. Continue to inspect all permitted sites.

Year 5:

Train appropriate staff regarding all aspects of erosion and sediment controls. Continue to inspect all permitted sites.

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:

We review all site plans to make sure appropriate BMPs are accounted for and make sure the contractor has a plan for proper maintenance of BMPs.

Measurable Goals, including frequencies:

The County will continue to review all projects that meet permit requirements.

Milestones:

Year 1:

Review all projects needing a permit for compliance.

Year 2:

Review all projects needing a permit for compliance.

Year 3:

Review all projects needing a permit for compliance.

Year 4:

Review all projects needing a permit for compliance.

Year 5:

Review all projects needing a permit for compliance.

Go to Additional Pages

D.5 Public Information Handling Procedures (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Contact information is on the County's website along with information of violations for citizens to look out for. Concerns are investigated as soon as possible following a receipt of the complaint.

Measurable Goals, including frequencies:

Investigate all concerns brought to the County's attention and act accordingly. Action may include written correspondence, phone calls, notices of violations and/or face to face conversations.

Milestones:

Year 1:

Investigate all concerns brought to the County's attention.

Year 2:

Investigate all concerns brought to the County's attention.

Year 3:

Investigate all concerns brought to the County's attention.

Year 4:

Investigate all concerns brought to the County's attention.

Year 5:

Investigate all concerns brought to the County's attention.

Go to Additional Pages

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 permitted work sites are inspected weekly, or within 24 hours of a weather event totaling greater than 1/2 inch of precipitation. Inspections note all ESC deficiencies and possible solutions offered. Follow-up visits are performed to ensure compliance. Further action is taken as necessary.

Measurable Goals, including frequencies:

Site visits are conducted weekly or after weather events over 1/2 inch.

Milestones:

Year 1:

Continue current inspection procedures on permitted sites.

Year 2:

Continue current inspection procedures on permitted sites.

Year 3:

Continue current inspection procedures on permitted sites.

Year 4:

Continue current inspection procedures on permitted sites.

Year 5:

Continue current inspection procedures on permitted sites.

Go to Additional Pages

D.7 Other Construction Site Runoff Controls

E. Post-Construction Runoff Control

Qualifying Local Programs:

Rock Island County Stormwater Ordinance
Project Plan Review/Inspections/Enforcement

Measurable Goals (include shared responsibilities)

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

Brief Description of BMP:

Ordinances require minimizing runoff and reducing the discharge of pollutants.

Measurable Goals, including frequencies:

Review ordinances annually and update as needed.

Milestones:

Year 1:

Review ordinances, update if needed.

Year 2:

Review ordinances, update if needed.

Year 3:

Review ordinances, update if needed.

Year 4:

Review ordinances, update if needed.

Year 5:

Review ordinances, update if needed.

Go to Additional Pages

- E.3 Long Term O & M Procedures

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

Temporary measures are required to stay in place and be properly maintained until permanent measures are achieved. Long term measures are inspected annually for effectiveness. Basins shall be evaluated, cleaned and/or maintained at least once every five years.

Measurable Goals, including frequencies:

The County will continue to review, inspect and require maintenance (if required) of ESC according to schedule based on short or long term designation.

Milestones:

Year 1:

Inspect and require maintenance of all long or short term ESC.

Year 2:

Inspect and require maintenance of all long or short term ESC.

Year 3:

Inspect and require maintenance of all long or short term ESC.

Year 4:

Inspect and require maintenance of all long or short term ESC.

Year 5:

Inspect and require maintenance of all long or short term ESC.

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:

Staff reviews plans submitted for all projects for BMP's required and proposed. Coordinate with Highway Department for all plans drafted by Highway Engineer to ensure proper BMP measures are in stated specifications.

Measurable Goals, including frequencies:

Continue to review all plans prior to issuing permits for construction. Projects will not be finalized until all BMP's are fully operational.

Milestones:

Year 1:

Perform review of all plans for permitted and County projects.

Year 2:

Perform review of all plans for permitted and County projects.

Year 3:

Perform review of all plans for permitted and County projects.

Year 4:

Perform review of all plans for permitted and County projects.

Year 5:

Perform review of all plans for permitted and County projects.

Go to Additional Pages

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

Staff will perform inspections on permitted projects after rain events of 0.50 inches or more or as requested.

Measurable Goals, including frequencies:

Perform site inspection on permitted projects during construction and track inspections.

Milestones:

Year 1:

Conduct inspections on permitted projects.

Year 2:

Conduct inspections on permitted projects.

Year 3:

Conduct inspections on permitted projects.

Year 4:

Conduct inspections on permitted projects.

Year 5:

Conduct inspections on permitted projects.

Go to Additional Pages

E.6 Post-Construction Inspections

Brief Description of BMP:

A project is not completed and inspections are ongoing until final stabilization is achieved. The permittee is made aware that the project will not be considered complete until the site has been inspected and approved by staff.

Measurable Goals, including frequencies:

Inspect and track all final inspections for completed projects.

Milestones:

Year 1:

Continue to perform final inspections on completed projects.

Year 2:

Continue to perform final inspections on completed projects.

Year 3:

Continue to perform final inspections on completed projects.

Year 4:

Continue to perform final inspections on completed projects.

Year 5:

Continue to perform final inspections on completed projects.

Go to Additional Pages

E.7 Other Post-Construction Runoff Controls

F. Pollution Prevention/Good Housekeeping

Measurable Goals (include shared responsibilities)

Qualifying Local Programs:

Initiate employee training programs

- F.1 Employee Training Program (You may need to go to the next page to fill in this information)

Brief Description of BMP:

The County will train appropriate employees on pollution prevention and good housekeeping practices.

Measurable Goals, including frequencies:

Train employees regarding pollution prevention and good housekeeping practices. Record employees trained.

Milestones:

Year 1:

Train personnel in pollution prevention and good housekeeping.

Year 2:

Train personnel in pollution prevention and good housekeeping.

Year 3:

Train personnel in pollution prevention and good housekeeping.

Year 4:

Train personnel in pollution prevention and good housekeeping.

Year 5:

Train personnel in pollution prevention and good housekeeping.

Go to Additional Pages

- F.2 Inspection and Maintenance Program
- F.3 Municipal Operations Storm Water Control
- F.4 Municipal Operations Waste Disposal
- F.5 Flood Management/Assess Guidelines (You may need to go to the next page to fill in this information)

The County will continue to participate in the NFIP and CRS programs. In addition, the stormwater ordinance addresses construction, detention, discharge to, and construction around the the floodplain.

Measurable Goals, including frequencies:

Continue to follow the State Model Floodplain Ordinance, and issue permits for floodplain development.

Milestones:

Year 1:

Issue floodplain development permits.

Year 2:

Issue floodplain development permits.

Year 3:

Issue floodplain development permits.

Year 4:

Issue floodplain development permits.

Year 5:

Issue floodplain development permits.

[Go to Additional Pages](#)

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)).

Kenneth E. Maranda

Rock Island County Board Chairman

4-26-18

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

Additional Info - Page 6

F. Pollution Prevention/Good

BMP Number _____

Add Another BMP

Delete Last Entry