



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: City of Granite City

2. MS4 Mailing Address: 2000 Edison Avenue

City: Granite City

State: IL

3. Operator Type: City

Other: _____

4. Operator Status: Local

Other: _____

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

Illinois Department of Transportation

Madison County

Nameoki Township

Granite City Township

Venice Township

Chouteau Township

6. Area of land that drains to your MS4 in square miles: 10.75

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

Latitude:

Longitude:

38

41

0

90

9

0

Degrees

Minutes:

Seconds:

Degrees:

Minutes:

Seconds:

8. Name(s) of known receiving waters

Chain of Rocks Canal

Mississippi River

Long Lake

Horseshoe Lake

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

Na Roger Knobloch Ti Public Works Director Phone: 618-452-6222
Area of Responsibility: Oversee Phase II Program

Na Ron Keepes Titl City Engineer Phone: 618-659-0900
Area of Responsibility: Oversee Phase II Program

Brief Description of BMP:

Developed three stormwater educational brochures during previous permit cycle. Make available online and at multiple public locations. Distribute handout cards referring the public to the County's stormwater website. Review and update the documents as necessary.

Measurable Goals, including frequencies:

Annual review of stormwater educational brochures, updating and reissuing them as necessary. Continue to make them available at public locations.

Milestones:

[Go to Additional Pages](#)

Year 1:

Post all stormwater brochures online. Develop handout cards to refer the public to the County stormwater website. Review and update brochures as needed. Continue to make them available at public locations.

Year 2:

Distribute handout cards at public events and locations. Review and update brochures as needed. Continue to make them available at public locations.

Year 3:

Distribute handout cards at public events and locations. Review and update brochures as needed. Continue to make them available at public locations.

Year 4:

Distribute handout cards at public events and locations. Review and update brochures as needed. Continue to make them available at public locations.

Year 5:

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:

County and City developed and distributed stormwater educational brochures, updating them as necessary. County will make educational presentations at schools as opportunities arise. County and City staff attends and participates in water-quality oriented public events such as the Lewis and Clark College Water Festival, the EarthTones Festival, and Stream Clean-Up Days as available. County makes educational presentations to students about stormwater issues, sustainability, and green infrastructure. County conducts training for teachers through workshops and provide materials for them to distribute to students, and sponsors programs such as TRASHformations - in which junk and recycled materials are transformed into artwork by students - and Earth Flag Day.

Measurable Goals (include shared responsibilities)

A.1 Distributed Paper Material

Distribute handout cards at public events and locations. Review and update brochures as needed. Continue to make them available at public locations.

A.2 Speaking Engagement

A.3 Public Service Announcement

A.4 Community Event

Brief Description of BMP:

County and City staff to attend and participated in water-quality oriented public events such as the Lewis and Clark College Water Festival, the EarthTones Festival, and Stream Clean-Up Days as available.

Measurable Goals, including frequencies:

County and City representatives to attend water-quality oriented public events as available.

Milestones:

Year 1:

No significant milestones.

Year 2:

No significant milestones.

Year 3:

No significant milestones.

Year 4:

No significant milestones.

Year 5:

No significant milestones.

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:

Group distributed stormwater educational brochures to public and private schools in the County. Distributed sustainability and green infrastructure program information to public and private schools.

Measurable Goals, including frequencies:

County and City to deliver copies of brochures and sustainability and green infrastructure program information to schools annually.

Milestones:

Year 1:

Deliver copies of brochures and sustainability and green infrastructure program information to schools.

Year 2:

Deliver copies of brochures and sustainability and green infrastructure program information to schools.

Year 3:

Deliver copies of brochures and sustainability and green infrastructure program information to schools.

Year 4:

Deliver copies of brochures and sustainability and green infrastructure program information to schools.

Year 5:

Deliver copies of brochures and sustainability and green infrastructure program information to schools.

Go to Additional Pages

A.6 Other Public Education

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

Brief Description of BMP:

County will make educational presentations to students at schools in the County about stormwater issues, sustainability, and green infrastructure as opportunities arise, as well as conduct training for teachers through workshops and provide materials for them to distribute to students. County will sponsor programs such as TRASHformations in which junk and recycled materials are transformed into artwork by students and Earth Flag Day.

Measurable Goals, including frequencies:

Make educational presentations to students at schools on a rotating basis. Presentations will be made in various jurisdictions by Co-Permittee agencies. Continue educational programs.

Milestones:

Year 1:

No significant milestones

Year 2:

No significant milestones

Year 3:

No significant milestones

Year 4:

No significant milestones

Year 5:

No significant milestones

Go to Additional Pages

B. Public Participation/Involvement

Measurable Goals (include shared responsibilities)

Qualifying Local Programs:

Participate in paper, battery, wood product and Christmas tree collection and recycling programs as available. County operates a County-wide stormwater problem hot-line, copying reports to affected agencies. Attend quarterly Co-Permittee group

B.2 Educational Volunteer

B.3 Stakeholder Meeting

B.4 Public Hearing

B.5 Volunteer Monitoring

B.6. Program Involvement

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

Brief Description of BMP:

Attend quarterly Co-Permittee group meetings.

Measurable Goals, including frequencies:

County to conduct 4 meetings per year, inviting all Co-Permittee agencies to actively participate.

Milestones:

Year 1:

Attend and actively participate in all 4 quarterly co-permittee meetings as available.

Year 2:

Attend and actively participate in all 4 quarterly co-permittee meetings as available.

Year 3:

Attend and actively participate in all 4 quarterly co-permittee meetings as available.

Year 4:

Attend and actively participate in all 4 quarterly co-permittee meetings as available.

Year 5:

Attend and actively participate in all 4 quarterly co-permittee meetings as available.

Go to Additional Pages

B.7 Other Public Involvement

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

Brief Description of BMP:

Participate in paper, battery, wood product and Christmas tree collection and recycling programs as available.

Measurable Goals, including frequencies:

Participate in as many recycling, sustainability, and green infrastructure programs as possible.

Milestones:

Year 1:

Participate in as many recycling, sustainability, and green infrastructure programs as possible.

Year 2:

Participate in as many recycling, sustainability, and green infrastructure programs as possible.

Year 3:

Participate in as many recycling, sustainability, and green infrastructure programs as possible.

Year 4:

Year 5:

Participate in as many recycling, sustainability, and green infrastructure programs as possible.

Go to Additional
Pages

C. Illicit Discharge Detection and Elimination

Qualifying Local Programs:

Sewer outfall mapping was ongoing during the previous permit cycle. The County will collect outfall mapping data from Co-Permittees and integrate into centralized GIS mapping system. Conducted and sponsored inlet stencilling program to discourage illegal dumping. County to provide training to Co-Permittee group on illicit discharge detection during quarterly meeting, particularly during dry weather periods. Include recommendations on locating sources and enforcing ordinances. Include illicit discharge detection in training schedule during one quarterly meeting. Conduct inspections of City facilities and outfall points routinely. City has an ordinance prohibiting illicit discharges.

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:

Sewer outfall mapping was completed during the previous permit cycle. The County will collect outfall mapping data from Co-Permittees and integrate into centralized GIS mapping system.

Measurable Goals, including frequencies:

Collect all available outfall mapping data from Co-Permittees and integrate into County GIS mapping.

Milestones:

Year 1:

Provide outfall mapping data to County. Review mapping and update as necessary

Year 2:

Review mapping and update as necessary

Year 3:

Review mapping and update as necessary

Year 4:

Review mapping and update as necessary

Year 5:

Review mapping and update 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)

City has an ordinance prohibiting illicit discharges.

Measurable Goals, including frequencies:

Review ordinances annually and update as necessary.

Milestones:

Year 1:

Review ordinances annually and update as necessary.

Year 2:

Review ordinances annually and update as necessary.

Year 3:

Review ordinances annually and update as necessary.

Year 4:

Review ordinances annually and update as necessary.

Year 5:

Review ordinances annually and update as necessary.

Go to Additional Pages

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:

Conducted and completed inlet stencilling program to discourage illegal dumping.

Measurable Goals, including frequencies:

Inspect stencilling and decals to review condition.

Milestones:

Year 1:

Inspect stencilling and decals to review condition.

Year 2:

Inspect stencilling and decals to review condition.

Year 3:

Inspect stencilling and decals to review condition.

Year 4:

Inspect stencilling and decals to review condition.

Year 5:

Inspect stencilling and decals to review condition.

Go to Additional Pages

C.6 Program Evaluation and Assessment

Brief Description of BMP:

County to provide training to Co-Permittee group on illicit discharge detection during quarterly meeting, particularly during dry weather periods. Include recommendations on locating sources and enforcing ordinances. Include illicit discharge detection in training schedule during one quarterly meeting. Conduct inspections of City facilities and outfall points routinely.

Measurable Goals, including frequencies:

County to provide training to Co-Permittee group on illicit discharge detection during quarterly meeting, particularly during dry weather periods. Include illicit discharge detection in training schedule during one quarterly meeting. Conduct inspections of City facilities and outfall points.

Milestones:

Year 1:

Include illicit discharge detection in training schedule during one quarterly meeting. Conduct inspections of City facilities and outfall points.

Year 2:

Conduct inspections of City facilities and outfall points.

Year 3:

Conduct inspections of City facilities and outfall points.

Year 4:

Conduct inspections of City facilities and outfall points.

Year 5:

Conduct inspections of City facilities and outfall points.

Go to Additional Pages

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:

City has established site plan review ordinances and procedures. The City has retained the services of a professional engineering firm to assist in the review process. County sponsors and administers annual certification testing for Certified Erosion, Sediment, and Storm Water Inspector (CESSWI) certification for Co-Permittees, as well as offering training to provide required continuing education credits. County co-sponsors and attends an annual Field Day with NRCS to highlight local projects and BMP's in practice. Erosion control, BMP selection, and ordinance enforcement training included in quarterly meeting agendas. County operates a Stormwater Hotline that includes reporting of construction site runoff complaints. City has a construction site runoff control ordinance in place which is routinely enforced and reviewed on an annual basis.

D.1 Regulatory Control Program

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

Brief Description of BMP:

City has a soil and sedimentation control ordinance in place which is routinely enforced and reviewed on an annual basis.

Measurable Goals, including frequencies:

Continue to enforce and review ordinances routinely. Update as necessary.

Milestones:

Year 1:

Enforce erosion and sedimentation control ordinances. Review and update if necessary.

Year 2:

Enforce erosion and sedimentation control ordinances. Review and update if necessary.

Year 3:

Enforce erosion and sedimentation control ordinances. Review and update if necessary.

Year 4:

Enforce erosion and sedimentation control ordinances. Review and update if necessary.

Year 5:

Enforce erosion and sedimentation control ordinances. Review and update if necessary.

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:

County includes BMP training in quarterly meeting agendas.

Measurable Goals, including frequencies:

Include BMP training in quarterly meeting agenda annually.

Milestones:

Year 1:

Attend BMP training in one quarterly meeting.

Year 2:

Attend BMP training in one quarterly meeting.

Year 3:

Attend BMP training in one quarterly meeting.

Year 4:

Attend BMP training in one quarterly meeting.

Year 5:

Attend BMP training in one quarterly meeting.

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:

City has established site plan review procedures. The County has retained the services of a professional engineering firm to assist in the review process.

Measurable Goals, including frequencies:

Continue to follow site plan review procedures.

Milestones:

Year 1:

No specific milestone.

Year 2:

No specific milestone.

Year 3:

No specific milestone.

Year 4:

No specific milestone.

Year 5:

No specific milestone.

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:

County sponsors and administers annual certification testing for Certified Erosion, Sediment, and Storm Water Inspector (CESSWI) certification for Co-Permittees, as well as offering training to provide required continuing education credits.

Measurable Goals, including frequencies:

County to sponsor and offer CESSWI training, testing, and certification annually, as well as offering training to provide required continuing education credits. Attend training to provide required continuing education credits.

Milestones:

Year 1:

No specific milestone.

Year 2:

No specific milestone.

Year 3:

No specific milestone.

Year 4:

No specific milestone.

Year 5:

No specific milestone.

Go to Additional Pages

D.7 Other Construction Site Runoff Controls

E. Post-Construction Runoff Control

Qualifying Local Programs:

City has established site plan review ordinances and procedures. The City has retained the services of a professional engineering firm to assist in the review process. City conducts street sweeping and debris removal operations as part of routine activities. City reviews O&M manuals and Standard Operating Procedures on an annual basis, updating them as necessary. City attends inspections of construction sites.

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:

City reviews O&M manuals and Standard Operating Procedures on an annual basis, updating them as necessary.

Measurable Goals, including frequencies:

City reviews O&M manuals and Standard Operating Procedures on an annual basis, updating them as necessary.

Milestones:

Year 1:

Review O&M manuals and Standard Operating Procedures. Update as necessary.

Year 2:

Review O&M manuals and Standard Operating Procedures. Update as necessary.

Year 3:

Review O&M manuals and Standard Operating Procedures. Update as necessary.

Year 4:

Review O&M manuals and Standard Operating Procedures. Update as necessary.

Year 5:

Review O&M manuals and Standard Operating Procedures. Update as necessary.

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)

City has established site plan review procedures and issues development permits. The City has retained the services of a professional engineering firm to assist in the review process.

Measurable Goals, including frequencies:

See D.4

Milestones:

Year 1:

No specific milestones.

Year 2:

No specific milestones.

Year 3:

No specific milestones.

Year 4:

No specific milestones.

Year 5:

No specific milestones.

Go to Additional Pages

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

Brief Description of BMP:

City attends inspections of construction sites.

Measurable Goals, including frequencies:

City attends inspections of construction sites.

Milestones:

Year 1:

City attends inspections of construction sites whenever possible.

Year 2:

City attends inspections of construction sites whenever possible.

Year 3:

City attends inspections of construction sites whenever possible.

Year 4:

City attends inspections of construction sites whenever possible.

Year 5:

City attends inspections of construction sites whenever possible.

Go to Additional Pages

E.6 Post-Construction Inspections

City staff routinely inspects creeks, ditches, and other drainageways for debris and siltation. Accumulated debris is removed routinely.

Measurable Goals, including frequencies:

City staff routinely inspects creeks, ditches, and other drainageways for debris and siltation. Accumulated debris is removed routinely.

Milestones:

Year 1:

No specific milestones.

Year 2:

No specific milestones.

Year 3:

No specific milestones.

Year 4:

No specific milestones.

Year 5:

No specific milestones.

Go to Additional Pages

E.7 Other Post-Construction Runoff Controls

F. Pollution Prevention/Good Housekeeping

Measurable Goals (include shared responsibilities)

Qualifying Local Programs:

Provide training for City employees whose work may impact stormwater runoff. Review and update existing O&M manuals and Standard Operating Procedures annually. County sponsors and hosts Certified Floodplain Manager training and certification for Co-Permittee members. City contracts the services of two certified floodplain managers.

F.1 Employee Training Program

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

Provide training for City employees whose work may impact stormwater runoff.

Measurable Goals, including frequencies:

Provide training for City employees whose work may impact stormwater runoff.

Milestones:

Year 1:

Provide training for City employees whose work may impact stormwater runoff.

Year 2:

Provide training for City employees whose work may impact stormwater runoff.

Year 3:

Provide training for City employees whose work may impact stormwater runoff.

Year 4:

Provide training for City employees whose work may impact stormwater runoff.

Year 5:

Provide training for City employees whose work may impact stormwater runoff.

Go to Additional Pages

F.2 Inspection and Maintenance Program

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:

Review and update existing O&M manuals and Standard Operating Procedures annually.

Measurable Goals, including frequencies:

Review and update existing O&M manuals and Standard Operating Procedures annually.

Milestones:

Year 1:

Review and update existing O&M manuals and Standard Operating Procedures as necessary.

Year 2:

Review and update existing O&M manuals and Standard Operating Procedures as necessary.

Year 3:

Review and update existing O&M manuals and Standard Operating Procedures as necessary.

Year 4:

Review and update existing O&M manuals and Standard Operating Procedures as necessary.

Year 5:

Review and update existing O&M manuals and Standard Operating Procedures as necessary.

Go to Additional Pages

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)

County sponsors and hosts Certified Floodplain Manager training and certification for Co-Permittee members. City contracts the services of two certified floodplain managers.

Measurable Goals, including frequencies:

County sponsors and hosts Certified Floodplain Manager training and certification for Co-Permittee members. City contracts the services of two certified floodplain managers.

Milestones:

Year 1:

Utilize services of certified floodplain managers under contract.

Year 2:

Utilize services of certified floodplain managers under contract.

Year 3:

Utilize services of certified floodplain managers under contract.

Year 4:

Utilize services of certified floodplain managers under contract.

Year 5:

Utilize services of certified floodplain managers under contract.

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)).

ED HAGNAUER

Mayor

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 _____

Add Another BMP

Delete Last Entry

B. Public Participation/Involvement

BMP Number B.7

County operates a County-wide stormwater problem hot-line, copying reports to affected agencies. Hotline will continue to operate throughout the permit cycle.

Add Another BMP

Delete Last Entry

C. Illicit Discharge Detection and

BMP Number _____

Add Another BMP

Delete Last Entry

D. Construction Site Runoff Control

BMP Number D.1

City attends inspections of construction sites.

BMP Number D.1

City a construction site runoff ordinance in place which is routinely enforced and reviewed on an annual basis.

BMP Number D.1

County co-sponsors and attends an annual Field Day with NRCS to highlight local projects and BMP's in practice. City attends as available.

Add Another BMP

Delete Last Entry

Additional Info - Page 5

E. Post-Construction Runoff Control

BMP Number E.5

County operates a Stormwater Hotline which includes reporting of runoff control issues during and after construction.

Add Another BMP

Delete Last Entry

F. Pollution Prevention/Good

BMP Number F.5

County sponsors and hosts Certified Floodplain Manager training, exams, and certification for Co-Permittee members. Regular training classes to provide required continuing education credits are provided routinely.

Add Another BMP

Delete Last Entry