



# Illinois Environmental Protection Agency

1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276 • (217) 782-3397

## Notice of Intent for New or Renewal of General Permit for Discharges from Small Municipal Separate Storm Sewer Systems (MS4's)

### Part I. Municipal (MS4) Contact Information

1. Name of Municipality: City of Columbia, Illinois MS4 #: ILR400318  
Population (based on 2010 census): 9,707

2. MS4 Mailing Address: 110 West Sand Bank Rd City: Columbia, IL Zip: 62236

3. Primary MS4 Contact Person (Authorized Representative for MS4 Permit)  
Name: Chris Smith Title: City Engineer  
Phone: 618-281-7144 Email Address: csmith@columbiaillinois.com

### General Information

4. Latitude and Longitude at approximate geographical center of MS4 for which you are requesting authorization to discharge:  
Latitude: 38 27 0 Longitude: 90 12 30  
Degrees Minutes Seconds Degrees Minutes Seconds

5. Community Type: City Other: \_\_\_\_\_

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

City/Village	Township	County
Illinois Department of Transport		St. Clair County
	Sugarloaf Township	St. Clair County

7. Area of land within your MS4 in square miles: \_\_\_\_\_

8. Percent of MS4 served by combined sewer: \_\_\_\_\_ Percent of MS4 served by separate sewer: \_\_\_\_\_

### Impaired Waters

The most recent 303(d) list may be found at <https://www2.illinois.gov/epa/topics/water-quality/watershed-management/tmdl/Pages/303d-list.aspx>. Information regarding TMDLs may be found at <https://www2.illinois.gov/epa/topics/water-quality/watershed-management/tmdl/Pages/default.aspx>.

Name(s) of known receiving waters (in and within 3 miles of MS4 area)	Impairment listed on 303d List or TMDL?
Wilson Creek	<input type="radio"/> Yes <input checked="" type="radio"/> No
Palmer Creek	<input type="radio"/> Yes <input checked="" type="radio"/> No
Carr Creek	<input type="radio"/> Yes <input checked="" type="radio"/> No
Hill Lake Creek	<input type="radio"/> Yes <input checked="" type="radio"/> No

9a. If impaired, which potential causes and source?

Causes: \_\_\_\_\_ Source: \_\_\_\_\_

9b. Are the receiving waterbodies included in an approved TMDL or alternate water quality management plan?  Yes  No

9c. Is the MS4 community included in the chloride variance?  Yes  No

## Program Responsibility

### 10. Shared Responsibility

Is your MS4 responsible for any permit requirements of another MS4 community?  Yes  No

Does your MS4 Community rely on another MS4 to satisfy any of the permit requirements?  Yes  No

If yes: Which MS4 community?: St Clair County

Which minimum control measurements is the other MS4 responsible for?

<input checked="" type="checkbox"/> Public Education and Outreach	<input checked="" type="checkbox"/> Construction Site Runoff Control
<input checked="" type="checkbox"/> Public Participation/Involvement	<input type="checkbox"/> Post-Construction Runoff Control
<input checked="" type="checkbox"/> Illicit Discharge Detection and Elimination	<input checked="" type="checkbox"/> Pollution Prevention/Good Housekeeping

### 11. Co-Permittee

Is your MS4 Community a Co-Permittee with another MS4 Community?  Yes  No

If yes: MS4 Permittee you are Co-Permittee with: St. Clair County

Co-Permittee MS4 Permit #: ILR400270

A copy of the intergovernmental agreement between your MS4 community and the Co-Permittee shall be submitted with this NOI. Is the intergovernmental agreement attached?

Yes  No

### 12. Other contacts responsible for implementation or coordination of Stormwater Management Program

Name: Tim Ahrens Title: Assistant City Engineer

Phone: 618-281-4264 x304 Email: tahrens@columbiaillinois.com

Area of Responsibility: Oversee Phase II Program

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**

Approximate date first implemented: \_\_\_\_\_ Frequency of each BMP program: Varies \_\_\_\_\_

**Qualifying Local Programs**

Develop and make stormwater brochures available. Decide the most feasible way to distribute the brochures based on circumstances.

**Measurable Goals (include shared responsibilities)**

A.1 Distributed Paper Material

**Brief Description of BMP**

County will update the current educational stormwater brochures and distribute them to the Co-Permittee Members with the Stormwater Hot Line and email contact information for illicit discharge and dumping. The methods of distribution will be decided by each Community. Brochures include residential, commercial, and green infrastructure.

**Measurable Goals, including frequencies**

Each year the community will try to print and distribute brochures. The amount of brochures distributed will be tracked and reported.

**Milestones**

Year 1: Distribute previous version of brochures. Update brochures for the next four years.

Year 2: Distribute and track brochures via most feasible method.

Year 3: Distribute and track brochures via most feasible method.

Year 4: Distribute and track brochures via most feasible method.

Year 5: Distribute and track brochures via most feasible method.

**Additional Info**

BMP Number: 1 \_\_\_\_\_

A.2 Speaking Engagement

A.3 Public Service Announcement

A.4 Community Event

**Brief Description of BMP**

The St. Clair County Health Department sponsored a booth at the annual County Fair in the past, which was canceled due to pandemic. The County Health Department will sponsor a booth at the fair when it restarts.

**Measurable Goals, including frequencies**

The County Fair normally occurs annually (2021 canceled). The amount of stormwater brochures distributed at the fair will be tracked.

**Milestones**

Year 1: Sponsor booth at the County Fair, when it restarts.

Year 2: Sponsor booth at the County Fair, when it restarts.

Year 3: Sponsor booth at the County Fair, when it restarts.

Year 4: Sponsor booth at the County Fair, when it restarts.

Year 5: Sponsor booth at the County Fair, when it restarts.

#### Additional Info

BMP Number: 2

#### A.5 Classroom Education Material

##### Brief Description of BMP

The County creates a newsletter and posts it on their website for students during the school months. This newsletter covers a wide range of topics including stormwater, recycling, solid waste, etc.

##### Measurable Goals, including frequencies

The County will post newsletters on the County Health Department website for students during the school year from August to May of each school year.

#### Milestones

Year 1: Communities will communicate to schools in their community the availability of the newsletters. County will post new newsletters on the County Health Department website throughout the school year.

Year 2: County will post new newsletters on the County Health Department website throughout the school year.

Year 3: County will post new newsletters on the County Health Department website throughout the school year.

Year 4: County will post new newsletters on the County Health Department website throughout the school year.

Year 5: County will post new newsletters on the County Health Department website throughout the school year.

#### Additional Info

BMP Number: 3

#### A.6 Other Public Education

### B. Public Participation/Involvement

Approximate date first implemented: \_\_\_\_\_ Frequency of each BMP program: Varies

##### Qualifying Local Programs

Participated in County sponsored programs, Adopt-A-Street, and County Hot Line. County issues Press Releases and informational communications. Participated in Quarterly Co-Permittee Group meetings. Participated in County sponsored tire collection events.

##### Measurable Goals (include shared responsibilities)

#### B.2 Educational Volunteer

#### B.3 Stakeholder Meeting

**Brief Description of BMP**

A Co-Permittee Group of St. Clair County MS4 Communities exists. This group will continue to meet to share Best Management Practices, complete reports, and provide training.

**Measurable Goals, including frequencies**

A Co-Permittee Group shall meet at selected frequencies of no less than twice per year to maintain compliance with reporting and training requirements. The schedule for the meetings shall be decided in March of each permit year.

**Milestones**

Year 1: Group will establish meeting frequency and complete training and reporting.

Year 2: Group will establish meeting frequency and complete training and reporting.

Year 3: Group will establish meeting frequency and complete training and reporting.

Year 4: Group will establish meeting frequency and complete training and reporting.

Year 5: Group will establish meeting frequency and complete training and reporting.

**Additional Info**

BMP Number: 4 \_\_\_\_\_

B.4 Public Hearing

B.5 Volunteer Monitoring

**Brief Description of BMP**

Solicit and encourage public assistance in monitoring the Community's stormwater system.

**Measurable Goals, including frequencies**

The County will distribute new brochures with the County's Stormwater Hot Line and email address on the stormwater brochures to the Communities for distribution. The Community will post the Community's stormwater contact info as well as the County's contact info on their website for residents to call if there is an illicit discharge or dumping. All public inquiries and complaints will be responded to and recorded.

**Milestones**

Year 1: Update website with Community stormwater contact info. Respond to and record all public complaints of illicit discharge and dumping.

Year 2: Respond to and record all public complaints of illicit discharge and dumping.

Year 3: Respond to and record all public complaints of illicit discharge and dumping.

Year 4: Respond to and record all public complaints of illicit discharge and dumping.

Year 5: Respond to and record all public complaints of illicit discharge and dumping.

**Additional Info**

BMP Number: 5 \_\_\_\_\_

B.6. Program Involvement

**Brief Description of BMP**

Participate in programs targeted at public awareness such as recycling programs, inlet stenciling, stormwater hot line, and hazardous and electronic waste collection.

**Measurable Goals, including frequencies**

Communities will track the type and number of events they participate in on a Community and County level. These numbers and events will be reported each year.

**Milestones**

Year 1: Communicate events to the public. Include activity highlights and specifics in annual report.

Year 2: Communicate events to the public. Include activity highlights and specifics in annual report.

Year 3: Communicate events to the public. Include activity highlights and specifics in annual report.

Year 4: Communicate events to the public. Include activity highlights and specifics in annual report.

Year 5: Communicate events to the public. Include activity highlights and specifics in annual report.

**Additional Info**

BMP Number: 6 \_\_\_\_\_

B.7 Other Public Involvement

**C. Illicit Discharge Detection and Elimination**

Approximate date first implemented: \_\_\_\_\_ Frequency of each BMP program: Annual \_\_\_\_\_

**Qualifying Local Programs**

Sponsored an Inlet Stenciling Program to raise awareness of stormwater issues. Prepared outfall map for receiving streams. Adopted Stormwater Ordinance to address Illicit Discharges.

C.1 Sewer Map Preparation

**Brief Description of BMP**

Community has a map with the locations of representative outfalls inside the Urbanized Area within the Community limits with GPS points. This map will be updated as needed, new representative outfalls will be recorded with GPS technology, and GPS information relayed to the County to create a master County Stormwater Outfall Map.

**Measurable Goals, including frequencies**

Each year any new representative outfalls will be added to the stormwater map. The current outfall map with GPS points will be given to the County to create the overall County Stormwater Outfall Map. Overall completeness will be reviewed in the 5th year.

**Milestones**

Year 1: Update stormwater map with new representative outfalls. Send current outfall map to County.

Year 2: Update stormwater map with new representative outfalls.

Year 3: Update stormwater map with new representative outfalls.

Year 4: Update stormwater map with new representative outfalls.

Measurable Goals (include shared responsibilities)

Year 5: Update stormwater map with new representative outfalls.

Additional Info

BMP Number: 8 \_\_\_\_\_

\_\_\_\_\_

- C.2 Regulatory Control Program
- C.3 Detection/Elimination Prioritization Plan
- C.4 Illicit Discharge Tracing Procedures
- C.5 Illicit Source Removal Procedures

Brief Description of BMP

Continue Inlet Stenciling Program. A standard for inlet stencils has been provided by the County. Inlet markers have been placed on many structures during the first 10 years of the permit. Community will incorporate staff and volunteer organizations to promote visibility of the importance of stormwater quality.

Measurable Goals, including frequencies

Determine quality of existing stencils/markers and unmarked stormwater inlets. Replace any stencils/markers of poor quality and mark any unmarked or new stormwater inlets that do not have stencils/markers.

Milestones

- Year 1: Complete survey of stormwater inlets and determine the number of inlets that need to be stenciled to marked. Verify that all new stormwater inlets are installed with stencils, markers, or pre-cast lids with stormwater pollution prevention information.
- Year 2: Stencil or mark all stormwater inlets needing new or replacement stencils/markers. Verify that all new stormwater inlets are installed with stencils, markers, or pre-cast lids with stormwater pollution prevention information.
- Year 3: Verify that all new stormwater inlets are installed with stencils, markers, or pre-cast lids with stormwater pollution prevention information.
- Year 4: Complete survey of stormwater inlets and determine the number of inlets that need to be stenciled to marked. Verify that all new stormwater inlets are installed with stencils, markers, or pre-cast lids with stormwater pollution prevention information.
- Year 5: Stencil or mark all stormwater inlets needing new or replacement stencils/markers. Verify that all new stormwater inlets are installed with stencils, markers, or pre-cast lids with stormwater pollution prevention information.

Additional Info

BMP Number: 9 \_\_\_\_\_

\_\_\_\_\_

- C.6 Program Evaluation and Assessment

Brief Description of BMP

Perform illicit discharge detection and elimination in the Community's storm sewer system.

Measurable Goals, including frequencies

Community will perform stream observation at stream crossings during their annual bridge inspections. Any illicit discharges detected will be addressed per the Community's ordinance.

**Milestones**

Year 1: Perform annual stream observations.

Year 2: Perform annual stream observations.

Year 3: Perform annual stream observations.

Year 4: Perform annual stream observations.

Year 5: Perform annual stream observations. Review map for completeness.

**Additional Info**

BMP Number: 10

C.7 Visual Dry Weather Screening

C.8 Pollutant Field Testing

C.9 Public Notification

**Brief Description of BMP**

Community will develop brochure addressing specific stormwater ordinance prohibited activities and distribute along with brochures addressed in BMP A.1.

Measurable Goals, including frequencies

Brochures will be updated to reflect prohibited activities that need to be addressed the most and distributed in years 2-5 in accordance with BMP A.1.

**Milestones**

Year 1: Update brochures to reflect prohibited activities needed to be addressed.

Year 2: Distribute brochures along with other brochures described in BMP A.1

Year 3: Distribute brochures along with other brochures described in BMP A.1

Year 4: Distribute brochures along with other brochures described in BMP A.1

Year 5: Distribute brochures along with other brochures described in BMP A.1

**Additional Info**

BMP Number: 11

C.10 Other Illicit Discharge Controls

## D. Construction Site Runoff Control

Approximate date first implemented: \_\_\_\_\_ Frequency of each BMP program: Continious

### Qualifying Local Programs

Community participated in County sponsored Stormwater Hot Line. Attended co-sponsored training events targeted at Best Management Practices. Worked with St. Clair County Soil and Water Conservation Department to coordinate inspections of construction sites.

### Measurable Goals (include shared responsibilities)

#### D.1 Regulatory Control Program

##### Brief Description of BMP

Require Storm Water Pollution Prevention Plans (SWPPP) on all site plans distributing more than one (1) acre of land. Perform site inspections.

##### Measurable Goals, including frequencies

Require SWPPPs on all site plans disturbing more than one (1) acre of land. Verify that all sites have a valid IEPA permit. Each development site inspected at least once during construction. Verify the use of proper sediment and erosion control BMPs.

### Milestones

Year 1: Require a SWPPP on all site plans disturbing one (1) acre or more.

Year 2: Require a SWPPP on all site plans disturbing one (1) acre or more.

Year 3: Require a SWPPP on all site plans disturbing one (1) acre or more.

Year 4: Require a SWPPP on all site plans disturbing one (1) acre or more.

Year 5: Require a SWPPP on all site plans disturbing one (1) acre or more.

### Additional Info

BMP Number: 12

#### D.2 Erosion and Sediment Control BMPs

##### Brief Description of BMP

The Community will participate in an annual BMP training with the Co-Permittee Group.

##### Measurable Goals, including frequencies

During the annual Operations Training, the Co-Permittee Group will offer BMP training to the Community employees that will address sediment control and green infrastructure.

### Milestones

Year 1: Conduct annual BMP Training during annual Operations Training.

Year 2: Conduct annual BMP Training during annual Operations Training.

Year 3: Conduct annual BMP Training during annual Operations Training.

Year 4: Conduct annual BMP Training during annual Operations Training.

Year 5: Conduct annual BMP Training during annual Operations Training.

## Additional Info

BMP Number: 13

- D.3 Other Waste Control Program
- D.4 Site Plan Review Procedures
- D.5 Public Information Handling Procedures

### Brief Description of BMP

Continue sponsorship of a Stormwater Hot Line. St. Clair County will continue to maintain a hot line number to address public concerns related to stormwater issues. The County will also have an email address to address these concerns.

### Measurable Goals, including frequencies

The Stormwater Hot Line is in place. The County will designate an email address to handle concerns as well. The County will track the number of calls and emails.

### Milestones

Year 1: Track and report number of calls and emails.

Year 2: Track and report number of calls and emails.

Year 3: Track and report number of calls and emails.

Year 4: Track and report number of emails and calls.

Year 5: Track and report number of emails and calls.

## Additional Info

BMP Number: 14

- D.6 Site Inspection/Enforcement Procedures
- D.7 Other Construction Site Runoff Controls

## E. Post-Construction Runoff Control

Approximate date first implemented: \_\_\_\_\_ Frequency of each BMP program: Continious

### Qualifying Local Programs

Worked with the St. Clair County Soil and Water Conservation Department to coordinate inspections of construction sites. Community participated in a County Stormwater Hot Line for stormwater runoff issues.

### Measurable Goals (include shared responsibilities)

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

### Brief Description of BMP

The City will enforce the City's Stormwater Ordinance.

Measurable Goals, including frequencies

Enforce the City's Stormwater Ordinance and track any changes made to the Ordinance.

Milestones

Year 1: Enforce the City's Stormwater Ordinance and track any changes made to the Ordinance.

Year 2: Enforce the City's Stormwater Ordinance and track any changes made to the Ordinance.

Year 3: Enforce the City's Stormwater Ordinance and track any changes made to the Ordinance.

Year 4: Enforce the City's Stormwater Ordinance and track any changes made to the Ordinance.

Year 5: Enforce the City's Stormwater Ordinance and track any changes made to the Ordinance.

Additional Info

BMP Number: 15

E.3 Long Term O & M Procedures

E.4 Pre-Construction Review of BMP Designs

Brief Description of BMP

Require a Storm Water Pollution Prevention Plan (SWPPP) on all site plans disturbing more than one (1) acre of land.

Measurable Goals, including frequencies

Require and review SWPPPs on all site plans disturbing more than one (1) acre of land. Review post construction BMPs for appropriate runoff control.

Milestones

Year 1: Review post construction BMPs for appropriate runoff control.

Year 2: Review post construction BMPs for appropriate runoff control.

Year 3: Review post construction BMPs for appropriate runoff control.

Year 4: Review post construction BMPs for appropriate runoff control.

Year 5: Review post construction BMPs for appropriate runoff control.

Additional Info

BMP Number: 16

E.5 Site Inspections During Construction

E.6 Post-Construction Inspections

E.7 Other Post-Construction Runoff Controls

## F. Pollution Prevention/Good Housekeeping

Approximate date first implemented: \_\_\_\_\_ Frequency of each BMP program: Annual \_\_\_\_\_

### Qualifying Local Programs

Community participates in annual training program for employees of Co-Permittee Group to discuss operations related tasks that potentially impact stormwater runoff. Developed written procedures for operations that potentially impact stormwater runoff. Operating procedures are reviewed and discussed during training events.

### Measurable Goals (include shared responsibilities)

F.1 Employee Training Program

#### Brief Description of BMP

The community will participate in an annual Operations Training for employees whose job activities potentially impact stormwater runoff. Materials will be provided to representatives to share with other community employees.

#### Measurable Goals, including frequencies

The Operations Training will occur annually.

### Milestones

Year 1: Conduct annual training program.

Year 2: Conduct annual training program.

Year 3: Conduct annual training program.

Year 4: Conduct annual training program.

Year 5: Conduct annual training program.

### Additional Info

BMP Number: 17 \_\_\_\_\_

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

F.6 Other Municipal Operations Controls

#### Brief Description of BMP

Modify municipal operation written documentation as needed to incorporate Best Management Practices and specifically address fleet and road maintenance, storage and handling, salting, and ditch maintenance activities.

#### Measurable Goals, including frequencies

Review operating procedures on an annual basis.

### Milestones

Year 1: Review operating procedures and modify as required. Report changes annually.

Year 2: Review operating procedures and modify as required. Report changes annually.

Year 3: Review operating procedures and modify as required. Report changes annually.

Year 4: Review operating procedures and modify as required. Report changes annually.

Year 5: Review operating procedures and modify as required. Report changes annually.

## Additional Info

BMP Number: 18

1. **What is the primary purpose of the proposed legislation?**

## **BMPs Currently Implemented and Proposed**

## Approximate Pollutant Reduction Resulting from each BMP

## Instream Monitoring Program

Is there an instream monitoring program currently in place?  Yes  No

Is an instream monitoring program currently being proposed?  Yes  No

## Sediment Monitoring

Is sediment monitoring currently taking place?  Yes  No

## Sample Monitoring of Outfalls

Is sample monitoring of outfalls currently taking place?  Yes  No

## Other Monitoring

Describe other types of monitoring implemented or proposed to evaluate the BMP effectiveness or water quality impact of stormwater.

Quarterly visual monitoring at Wilson Creek (Centerville Road at City Limits, ID #1), Palmer Creek (Columbia Quarry at Pump Discharge Deck, ID #2), Palmer Creek (Ramsey Road at DD Road Bridge, ID #3), and Carr Creek (Valmeyer Road behind Carr Creek Lift Station, ID #4)

### 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)).

CHRIS SMITH

Authorized Representative Name



Authorized Representative Signature

CITY ENGINEER

Title

12/22/21

Date

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

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.