



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: Cahokia Heights MS4 #: ILR40
 Population (based on 2010 census): 22,627
2. MS4 Mailing Address: 103 Main Street City: Cahokia, IL Zip: 62206
3. Primary MS4 Contact Person (Authorized Representative for MS4 Permit)
 Name: Keith Nolden Title: Assistant Director
 Phone: 618-337-9510 Email Address: knolden@cahokiaillinois.org

General Information

4. Latitude and Longitude at approximate geographical center of MS4 for which you are requesting authorization to discharge:
 Latitude: 38 33 43 Longitude: 90 10 22
 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 |
|--------------|-------------|---------------------------------------|
| | Centreville | St. Clair |
| | | Illinois Department of Transportation |
7. Area of land within your MS4 in square miles: 685
8. Percent of MS4 served by combined sewer: 0 Percent of MS4 served by separate sewer: 100

Impaired Waters

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

9.

Name(s) of known receiving waters (in and within 3 miles of MS4 area)	Impairment listed on 303d List or TMDL?
FRANK HOLTEN 1 (IL_RJK)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
FRANK HOLTEN 2 (IL_RJL)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
FRANK HOLTEN 3 (IL_RJM)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Dead Creek	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Cahokia Chute	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Canal #1 (IL_JMA-01)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Harding Ditch	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mississippi River (IL_J-36)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Mississippi River (IL_J)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Hickman Creek	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Old Prairie du Pont Creek	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

Causes: Aesthetic Qual, Aqa Life, Fish Cons, P Contact Source: Algae, Phosphorus, TSS, Pcb's, Diss Oxy, etc.

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

If yes, what measures to comply with the TMDL waste load allocation (WLA) are being implemented or are planned?

Water Quality Monitoring Stations

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

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: Multiple Communities within the 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: Norm Etling Title: County Engineer

Phone: 618-233-1392 Email: norm.etling@co.st-clair.il.us

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: 3/2016 Frequency of each BMP program: Varies

Qualifying Local Programs

Develop and make available stormwater brochures. Sponsor a booth at Earth Day.

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 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.
- Year 3: Distribute and track brochures.
- Year 4: Distribute and track brochures.
- Year 5: Distribute and track brochures.

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 will sponsor a booth at the annual County Fair. The purpose of the booth is to distribute educational materials and gage the awareness of stormwater issues in the County.

Measurable Goals, including frequencies

The County Fair occurs annually. The amount of stormwater brochures distributed at the fair will be tracked.

Milestones

- Year 1: Sponsor booth at the County Fair.
- Year 2: Sponsor booth at the County Fair.

Year 3: Sponsor booth at the County Fair.

Year 4: Sponsor booth at the County Fair.

Year 5: Sponsor booth at the County Fair.

Additional Info

BMP Number: 2

[Empty text box]

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

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A.6 Other Public Education

B. Public Participation/Involvement

Approximate date first implemented: 3/2016 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

Sponsor various programs as in previous years, tire collection events, Adopt-A-Street, and County Hot Line. County issues Press Releases and informational communications. Participate in Quarterly Co-Permittee Group meetings.

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

Organize and 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

Brief Description of BMP

Hold public meeting to get public input regarding the adequacy of the MS4 Program, distribute educational information

Measurable Goals, including frequencies

Community will continue to hold a public meeting to solicit public input regarding the adequacy of the MS4 program.

Milestones

Year 1: Organize public meetings to get public input

Year 2: Organize public meetings to get public input

Year 3: Organize public meetings to get public input

Year 4: Organize public meetings to get public input

Year 5: Organize public meetings to get public input

Additional Info

BMP Number: 7 _____

C. Illicit Discharge Detection and Elimination

Approximate date first implemented: 3/2016

Frequency of each BMP program: Continuous

Qualifying Local Programs

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

Measurable Goals (include shared responsibilities)

- C.1 Sewer Map Preparation

Brief Description of BMP

The County currently has 100% of outfall locations and names of receiving waters mapped from the Co-permittee community. This map will be updated as needed, as new representative outfalls are recorded with GPS technology, and GPS information relayed to the County to update the master County Stormwater Outfall Map.

Measurable Goals, including frequencies

Communities will begin to update their storm system maps to include modifications to the system.

Milestones

Year 1: Review map completeness and update revised or new storm sewer systems

Year 2: Review map completeness and update revised or new storm sewer systems

Year 3: Review map completeness and update revised or new storm sewer systems

Year 4: Review map completeness and update revised or new storm sewer systems

Year 5: Review map completeness and update revised or new storm sewer systems

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. Community will incorporate staff and volunteer organizations to promote visibility of the importance of stormwater quality. Provide a standard for inlet stencils to the communities.

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: Verify that all new stormwater inlets are installed with stencils, markers, or pre-cast lids with stormwater pollution prevention information.

Year 5: 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

[Empty box for additional information]

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.

Additional Info

BMP Number: 10

[Empty box for additional information]

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 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: 3/2016 Frequency of each BMP program: Continuous

Qualifying Local Programs

Continue sponsoring Stormwater Hot Line. Attend co-sponsored training events targeted at Best Management Practices. Coordinate with the County Soil and Water Conservation Department about the 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 County 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. County will continue to maintain the 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 calls and emails.

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

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: 3/2016 Frequency of each BMP program: Continuous

Qualifying Local Programs

Work with the 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

Enforce the County's Stormwater Ordinance.

Measurable Goals, including frequencies

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

Milestones

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

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

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

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

Year 5: Enforce the County'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

[Empty box for additional information]

- 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: 3/2016 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

[Empty box for additional information]

- 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: 17

BMPs Currently Implemented and Proposed

BMP Number	Location
1	
3	
4	
5	
6	
7	
8	
10	
11	
12	
13	
14	
15	
16	
17	

Approximate Pollutant Reduction Resulting from each BMP

BMP Number	Pollutant	Reduction
1		
3		
4		
5		
6		
7		
8		
10		
11		
12		
13		
14		
15		
16		
17		

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 of outfalls.

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)).

Curtis McCall Sr.

Authorized Representative Name

Mayor

Title



Authorized Representative Signature

12/15/22

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.