



# 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 St. Charles

2. MS4 Mailing Address: 2 East Main Street

City: St. Charles State: IL

3. Operator Type: City Other: \_\_\_\_\_

4. Operator Status: Local Other: \_\_\_\_\_

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

Kane County

DuPage County

6. Area of land that drains to your MS4 in square miles: 13

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

Latitude:

41

Degrees

54

Minutes:

54

Seconds:

Longitude:

88

Degrees:

18

Minutes:

46

Seconds:

8. Name(s) of known receiving waters

Fox River

Seventh Avenue Creek

Norton Creek

Ferson Creek

Mill Creek

State Street Creek

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

Name: John Lamb Title: Environmental Services Manager Phone: 630-377-4405

Area of Responsibility: Wastewater collection & treatment, regulatory issues, City refuse program.

Name: Brian Herrmann Title: Project Coordinator - Mapping Phone: 630-377-4486

Area of Responsibility: Assist Public Works Engineer with public works projects and floodplain management.

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:

Water Conservation Program: The City promotes water conservation through a quarterly newsletter and the Green Page on the City website. The City has a water conservation ordinance to reduce use of potable water and runoff from landscape areas.

Measurable Goals (include shared responsibilities)

- A.1 Distributed Paper Material

Brief Description of BMP:

Water Conservation education through the City of St. Charles quarterly newsletter and on City website.

Measurable Goals, including frequencies:

Promote water conservation and reduction of runoff from landscaped, impermeable surfaces.

Milestones:

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Year 1:

Publish water conservation regulations in the spring newsletter and outdoor water conservation tips in the summer issue.

Year 2:

Publish water conservation regulations in the spring newsletter and outdoor water conservation tips in the summer issue.

Year 3:

Publish water conservation regulations in the spring newsletter and outdoor water conservation tips in the summer issue.

Year 4:

Publish water conservation regulations in the spring newsletter and outdoor water conservation tips in the summer issue.

Year 5:

Publish water conservation regulations in the spring newsletter and outdoor water conservation tips in the summer issue.

- A.2 Speaking Engagement
A.3 Public Service Announcement
A.4 Community Event
A.5 Classroom Education Material
A.6 Other Public Education

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

Brief Description of BMP:

Tributary Signage

Measurable Goals, including frequencies:

Kane County and MS4 partners installed tributary signage at stream crossings. The County developed standard tributary identification signs made available to municipalities for installation at roadway crossings of tributary streams.

Milestones:

Year 1:

City continues to install signage or stamped covers on storm water inlets, covers. Require new development to install stamped covers on inlets.

Year 2:

City continues to install signage or stamped covers on storm water inlets, covers. Require new development to install stamped covers on inlets.

Year 3:

City continues to install signage or stamped covers on storm water inlets, covers. Require new development to install stamped covers on inlets.

Year 4:

City continues to install signage or stamped covers on storm water inlets, covers. Require new development to install stamped covers on inlets.

Year 5:

City continues to install signage or stamped covers on storm water inlets, covers. Require new development to install stamped covers on inlets.

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**B.Public Participation/Involvement**

Measurable Goals (include shared responsibilities)

Qualifying Local Programs:

- B.2 Educational Volunteer
- B.3 Stakeholder Meeting
- B.4 Public Hearing
- B.5 Volunteer Monitoring

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

Brief Description of BMP:

Stream Monitoring Programs

Measurable Goals, including frequencies:

Fox River Watershed Monitoring Network (FRWMN) is a stream monitoring program supported by a local nonprofit group called the Friends of the Fox River. Fox River Study Group (FRSG) stream monitoring program.

Milestones:

Year 1:

City is a member of and annually funds both the FRWMN and FRSG programs, \$100 and \$7,500 respectively.

Year 2:

City is a member of and annually funds both the FRWMN and FRSG programs, \$100 and \$7,500 respectively. Page 4 of 17

Year 3:

City is a member of and annually funds both the FRWMN and FRSG programs, \$100 and \$7,500 respectively.

Year 4:

City is a member of and annually funds both the FRWMN and FRSG programs, \$100 and \$7,500 respectively.

Year 5:

City is a member of and annually funds both the FRWMN and FRSG programs, \$100 and \$7,500 respectively.

Go to Additional Pages

- B.6. Program Involvement
- B.7 Other Public Involvement

**C. Illicit Discharge Detection and Elimination**

Qualifying Local Programs:

Stormwater System Mapping - Kane County and City of St. Charles

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:

Kane County prepared GIS map including location and size of all County owned storm water outfalls to receiving streams. City updates GIS storm sewer maps and outfalls to receiving streams.

Measurable Goals, including frequencies:

County and City will update stormwater maps as new outfalls are added and or identified.

Milestones:

Year 1:

County and City will update stormwater maps as new outfalls are added and or identified.

Year 2:

County and City will update stormwater maps as new outfalls are added and or identified.

Year 3:

County and City will update stormwater maps as new outfalls are added and or identified.

Year 4:

County and City will update stormwater maps as new outfalls are added and or identified.

Year 5:

County and City will update stormwater maps as new outfalls are added and or identified.

Go to Additional Pages

- C.2 Regulatory Control Program
- 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
- C.10 Other Illicit Discharge Controls

**D. Construction Site Runoff Control**

Measurable Goals (include shared responsibilities)

Qualifying Local Programs:

Kane County Stormwater Ordinance  
City of St. Charles Stormwater Ordinance

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

Brief Description of BMP:

Measurable Goals, including frequencies:

Kane County adopted a Countywide Stormwater Management Ordinance in 2001 which regulates construction site and post-development stormwater runoff. The City of St. Charles adopted this ordinance in 2001 and revised in 2005, 2009 and 2013.

Milestones:

Year 1:

Implement the Kane County and City Stormwater Ordinances where applicable.

Year 2:

Implement the Kane County and City Stormwater Ordinances where applicable.

Year 3:

Implement the Kane County and City Stormwater Ordinances where applicable.

Year 4:

Implement the Kane County and City Stormwater Ordinances where applicable.

Year 5:

Implement the Kane County and City Stormwater Ordinances where applicable.

Go to Additional Pages

D.2 Erosion and Sediment Control BMPs

D.3 Other Waste Control Program

D.4 Site Plan Review Procedures

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

Brief Description of BMP:

City Building and Code Enforcement staff reviews new construction plans for applicability of stormwater ordinance.

Measurable Goals, including frequencies:

Issue stormwater permits to construction sites when applicable.

Milestones:

Year 1:

Issue stormwater permits to construction sites when applicable. Track number of permits issued.

Year 2:

Issue stormwater permits to construction sites when applicable. Track number of permits issued.

Year 3:

Issue stormwater permits to construction sites when applicable. Track number of permits issued.

Year 4:

Issue stormwater permits to construction sites when applicable. Track number of permits issued.

Year 5:

Issue stormwater permits to construction sites when applicable. Track number of permits issued.

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:

City Building and Code Enforcement staff to conduct inspections, monitor construction sites issued stormwater permits.

Measurable Goals, including frequencies:

Track number of stormwater permits issued by City and monitor required activities and reporting.

Milestones:

Year 1:

City staff to inspect and monitor construction sites issued stormwater permits.

Year 2:

City staff to inspect and monitor construction sites issued stormwater permits.

Year 3:

City staff to inspect and monitor construction sites issued stormwater permits.

Year 4:

City staff to inspect and monitor construction sites issued stormwater permits.

Year 5:

City staff to inspect and monitor construction sites issued stormwater permits.

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D.7 Other Construction Site Runoff Controls

**E. Post-Construction Runoff Control**

Qualifying Local Programs:

Kane County and City Stormwater Ordinances  
City Stormwater Permits

Measurable Goals (include shared responsibilities)

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

Brief Description of BMP:

City Building and Code Enforcement staff to issue stormwater permits to applicable construction sites and enforce stormwater ordinances.

Measurable Goals, including frequencies:

City staff to inspect and monitor permitted construction sites. Ensure Post-Construction Runoff Control and Redevelopment Site Control Measures are implemented.

Milestones:

Year 1:

Inspect and monitor construction sites for required Post-Construction Measures. Track number of applicable sites.

Year 2:

Inspect and monitor construction sites for required Post-Construction Measures. Track number of applicable sites.

Year 3:

Inspect and monitor construction sites for required Post-Construction Measures. Track number of applicable sites.

Year 4:

Inspect and monitor construction sites for required Post-Construction Measures. Track number of applicable sites.

Year 5:

Inspect and monitor construction sites for required Post-Construction Measures. Track number of applicable sites.

Go to Additional Pages

- E.3 Long Term O & M Procedures
- E.4 Pre-Construction Review of BMP Designs
- E.5 Site Inspections During Construction
- E.6 Post-Construction Inspections
- E.7 Other Post-Construction Runoff Controls

**F. Pollution Prevention/Good Housekeeping**

Measurable Goals (include shared responsibilities)

Qualifying Local Programs:

Annual Training of staff, Storm Sewer Collection System Televising and Cleaning, Fleet & Building Maintenance, Road Salt Application and Storage

- F.1 Employee Training Program

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

Brief Description of BMP:

Public Works staff attends annual training on BMPs, floodplains, participate in webinars presented by County and regulatory agencies.

Measurable Goals, including frequencies:

Staff to attend training, webinars when available on stormwater topics and issues.

Milestones:

Year 1:

Staff to attend training, webinars when available on stormwater topics and issues. Track and record training events.

Year 2:

Staff to attend training, webinars when available on stormwater topics and issues. Track and record training events.

Year 3:

Staff to attend training, webinars when available on stormwater topics and issues. Track and record training events.

Year 4:

Staff to attend training, webinars when available on stormwater topics and issues. Track and record training events.

Year 5:

Staff to attend training, webinars when available on stormwater topics and issues. Track and record training events.

Go to Additional Pages

F.2 Inspection and Maintenance Program (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Staff conducts annual inspections of detention basins, restrictors. Perform annual catch basin cleaning, televising and flushing of storm sewer system. These activities prevent silt and debris in system and ensure free flowing system.

Measurable Goals, including frequencies:

Annual inspections, cleaning, televising and flushing events all recorded and logged.

Milestones:

Year 1:

Conduct inspections of all detention basins and restrictors. Clean catch basins on annual basis. Televis, flush and potentially line portions of storm sewer system where needed.

Year 2:

Conduct inspections of all detention basins and restrictors. Clean catch basins on annual basis. Televis, flush and potentially line portions of storm sewer system where needed.

Year 3:

Conduct inspections of all detention basins and restrictors. Clean catch basins on annual basis. Televis, flush and potentially line portions of storm sewer system where needed.

Year 4:

Conduct inspections of all detention basins and restrictors. Clean catch basins on annual basis. Televis, flush and potentially line portions of storm sewer system where needed.

Year 5:

Conduct inspections of all detention basins and restrictors. Clean catch basins on annual basis. Televis, flush and potentially line portions of storm sewer system where needed.

Go to Additional Pages

F.3 Municipal Operations Storm Water Control

F.4 Municipal Operations Waste Disposal

F.5 Flood Management/Assess Guidelines

F.6 Other Municipal Operations Controls (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Conduct street sweeping and cleaning of City owned parking lots on regular basis.

Measurable Goals, including frequencies:

Conduct street sweeping and cleaning of City owned parking lots on regular basis. Program prevents contaminants from entering storm sewer system.

Milestones:

Year 1:

City staff or contractors to sweep City streets and City owned parking lots on monthly basis seven months of year.

Year 2:

City staff or contractors to sweep City streets and City owned parking lots on monthly basis seven months of year.

Year 3:

City staff or contractors to sweep City streets and City owned parking lots on monthly basis seven months of year.

Year 4:

City staff or contractors to sweep City streets and City owned parking lots on monthly basis seven months of year.

Year 5:

City staff or contractors to sweep City streets and City owned parking lots on monthly basis seven months of year.

Go to Additional Pages

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)).

John Lamb

Environmental Services Manager

August 29, 2014

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