



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: County of DuPage
2. MS4 Mailing Address: 421 N. County Farm Rd
 City: Wheaton State: IL
3. Operator Type: Other (List) Other: County, Townships, Villages, and Cities
4. Operator Status: Other Other: County & Local
5. Name(s) of governmental entity(ies) in which MS4 is located:

County of DuPage

Portions of the County of Kane

Addison Township

Downers Grove Township

Milton Township

Wayne Township

York Township

Village of Bartlett

Village of Bloomingdale

Village of Carol Stream

City of Darien

City of Elmhurst

Village of Glendale Heights

Village of Hinsdale

Village of Lisle

City of Naperville

City of Oakbrook Terrace

Village of Villa Park

Village of Wayne

Village of Westmont

Portions of the County of Cook

Portions of the County of Will

Bloomington Township

Lisle Township

Naperville Township

Winfield Township

Village of Addison

Village of Bensenville

Village of Burr Ridge

Village of Clarendon Hills

Village of Downers Grove

Village of Glen Ellyn

Village of Hanover Park

Village of Itasca

Village of Lombard

Village of Oak Brook

Village of Roselle

City of Warrenville

City of West Chicago

City of Wheaton

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

Name: Anthony J. Charlton, P.E. Title: Director of Stormwater Management Phone: 630-407-6755
Area of Responsibility: Overall Program- DuPage County Stormwater Management

Name: Donald Holod Title: Addison Township Highway Commissioner Phone: 630-766-2228
Area of Responsibility: Addison Township Road District

Name: John Berley Title: Director of Community Development Phone: 630-543-4100
Area of Responsibility: Village of Addison

Name: Rick Federighi Title: Director, Public Works Phone: 630-620-2020
Area of Responsibility: Village of Addison

Name: Robert Allen, P.E. Title: Village Engineer Phone: 630-837-0811
Area of Responsibility: Village of Bartlett

Name: Joseph M. Caracci, P.E. Title: Director of Public Works Phone: 630-350-3435
Area of Responsibility: Village of Bensenville

Name: Mehul T. Patel, P.E., CFM Title: Assistant Director of Public Works Phone: 630-350-3435
Area of Responsibility: Village of Bensenville

Name: James Monkemeyer Title: Director of Public Works Phone: 630-671-5692
Area of Responsibility: Village of Bloomingdale

Name: Robert Czernek Title: Bloomingdale Township Highway Commissioner Phone: 630-529-5221
Area of Responsibility: Bloomingdale Township Road District

Name: David Preissig, P.E. Title: Director of Public Works and Village Engineer Phone: 630-323-4733
Area of Responsibility: Village of Burr Ridge

Name: J. Douglas Pollock, AICP Title: Village Administrator Phone: 630-654-8181
Area of Responsibility: Village of Burr Ridge

Name: Greg Ulreich Title: Stormwater Administrator Phone: 630-871-6220
Area of Responsibility: Village of Carol Stream

Name: Michael Millette Title: Director of Public Works Phone: 630-285-5400
Area of Responsibility: Village of Clarendon Hills

Name: Dan Gombac Title: Director of Municipal Services Phone: 630-353-8106
Area of Responsibility: City of Darien

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

Name: Kerry Behr Title: Stormwater Administrator Phone: 630-434-5489
Area of Responsibility: Village of Downers Grove

Name: Julie Lomax Title: Stormwater Administrator Phone: 630-493-8821
Area of Responsibility: Village of Downers Grove

Name: Nan Newlon Title: Director of Public Works Phone: 630-434-5461
Area of Responsibility: Village of Downers Grove

Name: Lawrence Anderson Title: Downers Grove Township Highway Commissioner Phone: 630-719-6625
Area of Responsibility: Downers Grove Township Road District

Name: Kent Johnson Title: City Engineer Phone: 630-530-3024
Area of Responsibility: City of Elmhurst

Name: John Hubsky Title: Utilities Superintendent Phone: 630-547-5516
Area of Responsibility: Village of Glen Ellyn

Name: Ray Ulreich Title: Stormwater Engineer Phone: 630-469-6756
Area of Responsibility: Village of Glen Ellyn

Name: Joanne Kalchbrenner Title: Director of Community Development Phone: 630-260-6030
Area of Responsibility: Village of Glendale Heights

Name: Andy Sikich Title: Village Engineer/ Asst Director of Public Works Phone: 630-823-5650
Area of Responsibility: Village of Hanover Park

Name: Daniel Deeter Title: Village Engineer Phone: 630-789-7039
Area of Responsibility: Village of Hinsdale

Name: Nancy Hill Title: Community Development Director Phone: 630-773-5568
Area of Responsibility: Village of Itasca

Name: Marilyn Sucoe Title: Staff Engineer / Stormwater Administrator Phone: 630-271-4107
Area of Responsibility: Village of Lisle

Name: Ed Young Title: Lisle Township Highway Commissioner Phone: 630-964-0057
Area of Responsibility: Lisle Township Road District

Name: Dave Gorman Title: Asst. Director of Public Works Phone: 630-620-5740
Area of Responsibility: Village of Lombard

Name: Gary Muehlfelt Title: Milton Township Highway Commissioner Phone: 630-682-4270
Area of Responsibility: Milton Township Road District

Name: William Novack Title: City Engineer Phone: _____
Area of Responsibility: City of Naperville

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

Name: Richard Dublinski Title: Director of Public Works Phone: 630-420-6752
Area of Responsibility: City of Naperville

Name: Richard Novinger Title: Naperville Township Highway Commissioner Phone: 630-978-0380
Area of Responsibility: Naperville Township Road District

Name: Doug Patchin Title: Director of Public Works/ Stormwater Administrator Phone: 630-368-5270
Area of Responsibility: Village of Oak Brook

Name: Rick Valent Title: Public Works Superintendent/ Asst Stormwater Ad Phone: 630-368-5270
Area of Responsibility: Village of Oak Brook

Name: Craig Ward Title: Public Services Director Phone: 630-941-1651
Area of Responsibility: City of Oakbrook Terrace

Name: Victor Ramirez Title: Director of Public Works Phone: 630-980-2020
Area of Responsibility: Village of Roselle

Name: Vydas Juskelis Title: Director of Public Works Phone: 630-834-8505
Area of Responsibility: Village of Villa Park

Name: Phil Kuchler Title: Deputy Public Works Director Phone: 630-393-9050
Area of Responsibility: City of Warrenville

Name: Kristine Hocking Title: Senior Civil Engineer Phone: 630-393-9050
Area of Responsibility: City of Warrenville

Name: Dan Lynch Title: Village Engineer Phone: 630-584-3090
Area of Responsibility: Village of Wayne

Name: Martin McManamon Title: Wayne Township Highway Commissioner Phone: 630-231-4929
Area of Responsibility: Wayne Township Road District

Name: Rob Flatter Title: Director of Public Works Phone: 630-293-2255
Area of Responsibility: City of West Chicago

Name: Timothy Wilcox Title: Asst. Director of Public Works Phone: 630-293-2255
Area of Responsibility: City of West Chicago

Name: Noriel Noriega Title: Asst. Director of Public Works/ Village Engineer Phone: 630-981-6295
Area of Responsibility: Village of Westmont

Name: Michael Ramsey Title: Director of Public Works Phone: 630-981-6296
Area of Responsibility: Village of Westmont

Name: _____ Title: _____ Phone: _____
Area of Responsibility: _____

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

Name: Paul Redman Title: Director of Engineering Phone: 630-260-2069
Area of Responsibility: City of Wheaton

Name: Vincent Loang Title: Director of Public Works Phone: 630-260-2113
Area of Responsibility: City of Wheaton

Name: Timothy Halik Title: Village Administrator Phone: 630-323-8215
Area of Responsibility: Village of Willowbrook

Name: Curt Barrett Title: Village Manager Phone: 630-933-7100
Area of Responsibility: Village of Winfield

Name: Peter Krumins Title: Community Development Coordinator Phone: 630-933-7100
Area of Responsibility: Village of Winfield

Name: Dan Watson Title: Village Engineer Phone: 630-232-0827
Area of Responsibility: Village of Winfield

Name: John Dusza Title: Winfield Township Highway Commissioner Phone: 630-231-8850
Area of Responsibility: Winfield Township Road District

Name: Matt York Title: Public Works Director Phone: 630-787-3765
Area of Responsibility: City of Wood Dale

Name: Christopher Bethel Title: Director of Public Works Phone: 630-719-4767
Area of Responsibility: Village of Woodridge

Name: Robert Meyers Title: Civil Engineer Phone: 630-719-2940
Area of Responsibility: Village of Woodridge

Name: Richard Schroeder Title: York Township Highway Commissioner Phone: 630-627-2200
Area of Responsibility: York Township Road District

Name: _____ Title: _____ Phone: _____
Area of Responsibility: _____

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:

DuPage County Stormwater Management (DCSM) will conduct public education and outreach activities throughout the region on a multitude of topics, such as watershed planning efforts, water quality, and best management practices (BMPs). On staff is a full time Stormwater Communications Supervisor who is responsible for managing stormwater education and outreach. DCSM also contracts annually, with several organizations that assist in providing additional education and outreach services pertaining to both technical and general education on stormwater impact topics.

A.1 Distributed Paper Material

Brief Description of BMP:

DCSM has created several handouts and brochures pertaining to sources of pollutants in waterways and water quality BMPs. These, as well as handouts from other entities, are distributed at public events, and are available at the office of each partner agency (municipalities and townships listed in #9 above) These materials are also available online. Informational topics include rain barrels, rain gardens, native plants, other green infrastructure techniques, citizen monitoring of waterways and seasonal BMPs for the spring, summer, fall and winter. These materials will be updated as needed to incorporate new and updated information, including the effects of climate change on stormwater impacts. Each partner agency is responsible for making educational materials available in their office and on their websites.

Measurable Goals, including frequencies:

Number of educational materials updated or created per year for distribution.

Milestones:

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Year 1:

Update or create 2 digital or print materials for distribution by partner agencies.

Year 2:

Update or create 2 digital or print materials for distribution by partner agencies.

Year 3:

Update or create 2 digital or print materials for distribution by partner agencies.

Year 4:

Update or create 2 digital or print materials for distribution by partner agencies.

Year 5:

Update or create 2 digital or print materials for distribution by partner agencies.

A.2 Speaking Engagement

Brief Description of BMP:

DCSM will coordinate, host, and present at least one workshop in each watershed per year on topics including water quality efforts for the watersheds, methods for pollutant reduction, during and after construction BMPs, native vegetation, and green infrastructure. Presentations will include information on the potential impacts and effects of stormwater discharge due to climate change as applicable. Each partner agency will be responsible for promoting and advertising workshops within their jurisdictions.

Measurable Goals, including frequencies:

Number of presentations made by DCSM staff per year

Milestones:

Year 1:

7 presentations per year

Year 2:

7 presentations per year

Year 3:

7 presentations per year

Year 4:

7 presentations per year

Year 5:

7 presentations per year

Go to Additional Pages

A.3 Public Service Announcement

Brief Description of BMP:

DCSM will utilize technology to enhance outreach efforts detailing water quality trends and highlighting practices that can reduce the transport of pollutants into waterways. DCSM will promote informational outlets using a Stormwater Management monthly e-newsletter, direct media relations, press releases and advisories to promote seasonal BMPs, events, and other stormwater-related news.

Measurable Goals, including frequencies:

Number of messages broadcast within the partnership area per year. (Partnership area includes the limits of all participating MS4s.)

Milestones:

Year 1:

12 messages

Year 2:

12 messages

Year 3:

12 messages

Year 4:

12 messages

Year 5:

12 messages

Go to Additional Pages

A.4 Community Event

Brief Description of BMP:

DCSM will coordinate with partner agencies to present at community events in each watershed on topics including water quality efforts for the watersheds and pollutant reduction, native vegetation, and green infrastructure.

Measurable Goals, including frequencies:

Number of events participated in or hosted per watershed per year.

Milestones:

Year 1:

3 events per watershed per year

Year 2:

3 events per watershed per year

Year 3:

3 events per watershed per year

Year 4:

3 events per watershed per year

Year 5:

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:

DCSM will partner with schools and local educational organizations throughout the partnership area on stormwater management and water quality education promoting water quality and environmental efforts using watershed models and other educational tools.

Measurable Goals, including frequencies:

Number of schools targeted with outreach programs per year.

Milestones:

Year 1:

10 schools

Year 2:

10 schools

Year 3:

10 schools

Year 4:

10 schools

Year 5:

10 schools

Go to Additional Pages

A.6 Other Public Education

B. Public Participation/Involvement

Measurable Goals (include shared responsibilities)

Qualifying Local Programs:

DCSM will inform the public on watershed initiatives and engage a broad range of individuals regarding policies and projects related to the control and reduction of pollutants in stormwater runoff through technical trainings, stakeholder groups, volunteer opportunities, and public meetings. DCSM will identify environmental justice areas within the watershed planning jurisdictions in order to ensure prioritization of efforts in regards to public involvement and participation initiatives.

B.2 Educational Volunteer (You may need to go to the next page to fill in this information)

Brief Description of BMP:

DCSM will sponsor a variety of volunteer opportunities, including: the Adopt-a-Stream program, the DuPage River Sweep, and the storm drain stenciling program.

Measurable Goals, including frequencies:

Number of events targeted at school aged children per year.

Milestones:

Year 1:

Participation at or sponsorship of 3 events per year

Year 2:

Participation at or sponsorship of 3 events per year

Year 3:

Participation at or sponsorship of 3 events per year

Year 4:

Participation at or sponsorship of 3 events per year

Year 5:

Participation at or sponsorship of 3 events per year

Go to Additional Pages

B.3 Stakeholder Meeting (You may need to go to the next page to fill in this information)

Brief Description of BMP:

DSCSM will host at least two regular water quality stakeholder meetings per year in each of the partnership area's main watersheds in order to address matters pertaining to pollutant reduction on a watershed level. In addition, input on water quality impairments will be requested from stakeholders for incorporation into watershed planning efforts, which may cause the formation of separate stakeholder groups any given year.

Measurable Goals, including frequencies:

Number of stakeholder meetings held per year.

Milestones:

Year 1:

Participate in or organize 3 stakeholder meetings per year

Year 2:

Participate in or organize 3 stakeholder meetings per year

Year 3:

Participate in or organize 3 stakeholder meetings per year

Year 4:

Participate in or organize 3 stakeholder meetings per year

Year 5:

Participate in or organize 3 stakeholder meetings per year

Go to Additional Pages

B.4 Public Hearing (You may need to go to the next page to fill in this information)

Brief Description of BMP:

DSCSM will provide opportunity for public comment at an annual public meeting in order to reach all interested residents on the adequacy of its MS4 program, watershed plans, and projects. DSCSM will publicize public meeting in conjunction with its education and outreach initiatives as well as posted in the local news publications.

Measurable Goals, including frequencies:

Number of public input opportunities per year.

Milestones:

Year 1:

Conduct one public meeting per year

Year 2:

Conduct one public meeting per year

Year 3:

Conduct one public meeting per year

Year 4:

Conduct one public meeting per year

Year 5:

Conduct one public meeting per year

Go to Additional Pages

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:

DCSM will coordinate educational and public involvement strategies. To gauge their effectiveness, DCSM will develop and distribute surveys via an email list, webpage, and on social media. These surveys measure citizen views, behaviors, and

Measurable Goals, including frequencies:

The number of surveys developed and disbursed per year.

Milestones:

Year 1:

1 survey

Year 2:

1 survey

Year 3:

1 survey

Year 4:

1 survey

Year 5:

1 survey

Go to Additional Pages

B.7 Other Public Involvement

C. Illicit Discharge Detection and Elimination

Qualifying Local Programs:

DCSM has agreed to conduct the screening for and tracing of illicit discharges into Waters of the State from MS4 outfalls of partner agencies. DCSM hosts an illicit discharge hotline and citizen reporter app to facilitate reporting of illicit discharges by the public. DCSM staff performs field inspections of known outfalls on a schedule of one major watershed per year as well as designated priority outfalls. If discharges are observed during dry weather, visual and chemical field tests are conducted. If the discharge tests positive for common pollutants or has a visual indicator, the discharge is traced through the MS4 to its source. Enforcement action is conducted by the jurisdictional entity.

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:

Partner agencies provide a current storm sewer atlas to the DCSM. DCSM will collect, compile, and field verify storm sewer maps from partner agency data to create a comprehensive partnership area storm sewer atlas of the partnership area (the municipal limits of all participating MS4s). The partner agencies will provide the DCSM with annual updates of the storm sewer atlas.

Measurable Goals, including frequencies:

Percentage of the partnership area for which a storm sewer atlas has been compiled.

Milestones:

Year 1:

50 percent

Year 2:

60 percent

Year 3:

70 percent

Year 4:

80 percent

Year 5:

90 percent

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

Each jurisdictional entity within the partnership area has enacted an Illicit Discharge Detection and Elimination Ordinance which regulates non-stormwater discharges to the Municipal Separate Storm Sewer System. DCSM enforces IDDE violations within unincorporated DuPage County and the Townships. Municipalities are responsible for enforcement within their limits. DCSM notifies the Municipality within twenty four (24) hours of detecting an illicit discharge within the municipal limits. Promptly upon completion of the investigation, DCSM informs the Municipality of the location of the illicit discharge, the time(s) and date(s) of the discharge, and any additional information that would be necessary or prudent for the Municipality to have in order to carry out enforcement proceedings. DCSM provides the Municipalities with information required for enforcement action and prosecution and produces DCSM personnel in court, as necessary and upon adequate notice.

Measurable Goals, including frequencies:

DCSM will revise the ordinance as needed and provide language to partner agencies.

Milestones:

Year 1:

Review and amend the Ordinances, as needed, to reflect new information or regulations.

Year 2:

Review and amend the Ordinances, as needed, to reflect new information or regulations.

Year 3:

Review and amend the Ordinances, as needed, to reflect new information or regulations.

Year 4:

Review and amend the Ordinances, as needed, to reflect new information or regulations.

Year 5:

Review and amend the Ordinances, as needed, to reflect new information or regulations.

Go to Additional Pages

C.3 Detection/Elimination Prioritization Plan (You may need to go to the next page to fill in this information)

Brief Description of BMP:

DCSM will compile information pertaining to the ten step prioritization plan identified in the DuPage County IDDE Program Technical Guidance.

Measurable Goals, including frequencies:

Major watersheds for which outfalls have been prioritized.

Milestones:

Year 1:

East Branch Prioritization

Year 2:

West Branch Prioritization

Year 3:

Salt Creek Prioritization

Year 4:

Des Plaines and Fox River Prioritization

Year 5:

Review Priority Outfalls

Go to Additional Pages

C.4 Illicit Discharge Tracing Procedures (You may need to go to the next page to fill in this information)

Brief Description of BMP:

DCSM prepares plans, processes, and procedures to monitor and trace illicit discharges into the MS4s on a partnership area scale according to the DuPage County IDDE Program Technical Guidance Manual. DCSM monitors all MS4 outfalls within the

Measurable Goals, including frequencies:

Follow guidelines in the IDDE Program Technical Guidance manual to trace illicit discharges. Update the manual to reflect new techniques and practices.

Milestones:

Year 1:

Continue tracing illicit discharges in accordance with the DuPage County IDDE Technical Guidance Manual. Review and

Year 2:

Continue tracing illicit discharges in accordance with the DuPage County IDDE Technical Guidance Manual. Review and

Year 3:

Continue tracing illicit discharges in accordance with the DuPage County IDDE Technical Guidance Manual. Review and

Year 4:

Continue tracing illicit discharges in accordance with the DuPage County IDDE Technical Guidance Manual. Review and

Year 5:

Continue tracing illicit discharges in accordance with the DuPage County IDDE Technical Guidance Manual. Review and

Go to Additional Pages

C.5 Illicit Source Removal Procedures (You may need to go to the next page to fill in this information)

Brief Description of BMP:

DCSM maintains a partnership area-wide Illicit Discharge Detection and Elimination Hotline as well an online Citizen Reporter Application, where the public is able to report suspect discharges in addition to other water quality concerns, such as erosion or stream blockages. Publications and notices advertising these resources are created and updated and distributed.

Measurable Goals, including frequencies:

The number of advertisements or promotions of the IDDE Hotline or Citizen Reporter App.

Milestones:

Year 1:

Advertise or promote the IDDE Hotline or Citizen Reporter App 5 times through publications, notices, and at events

Year 2:

Advertise or promote the IDDE Hotline or Citizen Reporter App 5 times through publications, notices, and at events

Year 3:

Advertise or promote the IDDE Hotline or Citizen Reporter App 5 times through publications, notices, and at events

Year 4:

Advertise or promote the IDDE Hotline or Citizen Reporter App 5 times through publications, notices, and at events

Year 5:

Advertise or promote the IDDE Hotline or Citizen Reporter App 5 times through publications, notices, and at events

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C.6 Program Evaluation and Assessment

C.7 Visual Dry Weather Screening (You may need to go to the next page to fill in this information)

Brief Description of BMP:

DCSM conducts monitoring of outfalls and tracing of illicit discharges throughout the partnership area utilizing DCSM personnel and equipment. Visual screening on MS4 outfalls discharging to Waters of the State during dry weather conditions is conducted.

Measurable Goals, including frequencies:

The number of MS4 outfalls visually screened per watershed per year.

Milestones:

Year 1:

Inspect, during dry weather, all known outfalls within the East Branch DuPage River watershed that fall within the partnership area. Additionally, priority outfalls will be inspected.

Year 2:

Inspect, during dry weather, all known outfalls within the West Branch DuPage River watershed that fall within the partnership area. Additionally, priority outfalls will be inspected.

Year 3:

Inspect, during dry weather, all known outfalls within the Salt Creek watershed that fall within the partnership area. Additionally, priority outfalls will be inspected.

Year 4:

Inspect, during dry weather, all known outfalls within the Des Plaines and Fox River watershed that fall within the partnership area. Additionally, priority outfalls will be inspected.

Year 5:

Inspect, during dry weather, all priority outfalls. Assess outfall monitoring program for next permit cycle.

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C.8 Pollutant Field Testing (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Conduct monitoring for the following chemical parameters when visual characterization of the discharge indicates an illicit nature: surfactants, ammonia, fluoride, conductivity, and pH.

Measurable Goals, including frequencies:

Number of visually suspect dry weather discharges that are chemically tested.

Milestones:

Year 1:

Chemically test all visually suspect dry weather discharges that are observed.

Year 2:

Chemically test all visually suspect dry weather discharges that are observed.

Year 3:

Chemically test all visually suspect dry weather discharges that are observed.

Year 4:

Chemically test all visually suspect dry weather discharges that are observed.

Year 5:

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C.9 Public Notification (You may need to go to the next page to fill in this information)

Brief Description of BMP:

DCSM employs a full time Communications Supervisor who is able to dispatch information within the County, to the press, and other agencies regarding illicit discharges to Waters of the State.

Measurable Goals, including frequencies:

In the event of a large scale release of pollutants to Waters of the State that has potential for human health impacts, DCSM will work with Emergency Management officials to notify affected community officials as well as issue a press release

Milestones:

Year 1:

Notify affected parties in the event of a large scale release of pollutants into Waters of the State that has potential health impacts

Year 2:

Notify affected parties in the event of a large scale release of pollutants into Waters of the State that has potential health impacts

Year 3:

Notify affected parties in the event of a large scale release of pollutants into Waters of the State that has potential health impacts

Year 4:

Notify affected parties in the event of a large scale release of pollutants into Waters of the State that has potential health impacts

Year 5:

Notify affected parties in the event of a large scale release of pollutants into Waters of the State that has potential health impacts

Go to Additional Pages

C.10 Other Illicit Discharge Controls

D. Construction Site Runoff Control

Measurable Goals (include shared responsibilities)

Qualifying Local Programs:

The DuPage County Countywide Stormwater and Flood Plain Ordinance (Ordinance) was adopted in 1991 and has been updated several times. The Ordinance promotes effective, equitable, acceptable, and legal Stormwater management, water quality, and natural resource protection measures, which include Construction Site Runoff Control. Each municipality in DuPage County must enact regulations at least as stringent as those in the Countywide Ordinance, or defer to DuPage County Countywide Stormwater and Flood Plain Ordinance. Municipalities may choose to have DuPage County review development permits or waive the County review and perform these reviews in house by qualified staff. DuPage County reviews all site development permits in Unincorporated DuPage County (including Townships).

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

Brief Description of BMP:

Soil erosion and sediment control regulations for DuPage County are regulated by the DuPage County Countywide Stormwater and Flood Plain Ordinance.

Measurable Goals, including frequencies:

Update the Ordinance as needed to ensure that sediment and erosion control provisions are up to date and reflect the current best practices

Milestones:

Year 1:

Review and update, if necessary, the Ordinance to reflect current best practices for soil erosion and sediment control

Year 2:

Review and update, if necessary, the Ordinance to reflect current best practices for soil erosion and sediment control

Year 3:

Review and update, if necessary, the Ordinance to reflect current best practices for soil erosion and sediment control

Year 4:

Review and update, if necessary, the Ordinance to reflect current best practices for soil erosion and sediment control

Year 5:

Review and update, if necessary, the Ordinance to reflect current best practices for soil erosion and sediment control

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:

The DuPage County Countywide Stormwater and Flood Plain Ordinance requires temporary and permanent soil erosion and sediment control for developments over one acre to prevent the discharge of pollutants into waterways.

Measurable Goals, including frequencies:

Number of development sites over one acre requiring soil erosion and sediment control.

Milestones:

Year 1:

Require soil erosion and sediment control for 100% of developments over one acre.

Year 2:

Require soil erosion and sediment control for 100% of developments over one acre.

Year 3:

Require soil erosion and sediment control for 100% of developments over one acre.

Year 4:

Require soil erosion and sediment control for 100% of developments over one acre.

Year 5:

Require soil erosion and sediment control for 100% of developments over one acre.

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:

The DuPage County Countywide Stormwater and Flood Plain Ordinance requires a Stormwater Permit for developments over a certain threshold of site disturbance as well as developments in wetlands, buffers, and floodplain. All development permits are reviewed for soil erosion and sediment control.

Measurable Goals, including frequencies:

The County and Municipal permit partners have successful regulatory permitting programs under the DuPage County Countywide Stormwater and Flood Plain Ordinance and will continue to implement and update these programs as necessary.

Milestones:

Year 1:

Review soil erosion and sediment control plans for 100% of development permits over one acre.

Year 2:

Review soil erosion and sediment control plans for 100% of development permits over one acre.

Year 3:

Review soil erosion and sediment control plans for 100% of development permits over one acre.

Year 4:

Review soil erosion and sediment control plans for 100% of development permits over one acre.

Year 5:

Review soil erosion and sediment control plans for 100% of development permits over one acre.

Go to Additional Pages

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

Brief Description of BMP:

DuPage County Citizen Reporter App allows residents throughout the partnership area to report water quality issues, including soil erosion and sediment control complaints. The County addresses complaints within unincorporated and non-waiver areas. Complaints generated from Full Waiver or Partial Waiver Communities are forwarded to the Municipality. The County and Municipalities also receive and respond to soil erosion and sediment control concerns sent directly from the public.

Measurable Goals, including frequencies:

Number of soil erosion and sediment control reports addressed per year.

Milestones:

Year 1:

Investigate and track all soil erosion and sediment control reports to the County and Municipalities.

Year 2:

Investigate and track all soil erosion and sediment control reports to the County and Municipalities.

Year 3:

Investigate and track all soil erosion and sediment control reports to the County and Municipalities.

Year 4:

Investigate and track all soil erosion and sediment control reports to the County and Municipalities.

Year 5:

Investigate and track all soil erosion and sediment control reports to the County and Municipalities.

Go to Additional Pages

D.6 Site Inspection/Enforcement Procedures (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Inspect all development sites to ensure the soil erosion and sediment control requirements are being met.

Measurable Goals, including frequencies:

County and Municipal inspectors enforce soil erosion and sediment control regulations and conduct regular inspections to ensure compliance. Inspection reports are kept within each regulator agency for tracking and reporting purposes.

Milestones:

Year 1:

Continue with site inspections and code enforcement procedures. Ensure staff has proper qualifications to conduct soil erosion

Year 2:

Continue with site inspections and code enforcement procedures. Ensure staff has proper qualifications to conduct soil erosion and sediment control inspections.

Year 3:

Continue with site inspections and code enforcement procedures. Ensure staff has proper qualifications to conduct soil erosion and sediment control inspections.

Year 4:

Continue with site inspections and code enforcement procedures. Ensure staff has proper qualifications to conduct soil erosion and sediment control inspections.

Year 5:

Continue with site inspections and code enforcement procedures. Ensure staff has proper qualifications to conduct soil erosion and sediment control inspections.

Go to Additional
Pages

D.7 Other Construction Site Runoff Controls

E. Post-Construction Runoff Control

Qualifying Local Programs:

The DuPage County Countywide Stormwater and Flood Plain Ordinance (Ordinance) was adopted in 1991 and has been updated several times. The Ordinance promotes effective, equitable, acceptable, and legal Stormwater management, water quality, and natural resource protection measures, which include Post Construction Best Management Practices. Each municipality in DuPage County must enact regulations at least as stringent as those in the Countywide Ordinance, or defer to DuPage County Countywide Stormwater and Flood Plain Ordinance. Municipalities may choose to have DuPage County review development permits or waive the County review and perform these reviews in house by qualified staff. DuPage County reviews all site development permits in Unincorporated DuPage County (including Townships).

Measurable Goals (include shared responsibilities)

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

Brief Description of BMP:

The post construction runoff rate is restricted through the Countywide Ordinance which requires all developments increasing impervious area by 2,500 square feet or more to include Post Construction Best Management Practices.

Measurable Goals, including frequencies:

Continue to require post construction best management practices in accordance with the Countywide Ordinance. Implementing and utilizing the DuPage County BMP Manual will reduce post construction runoff pollutants and will ensure discharge from developed sites will be treated.

Milestones:

Year 1:

Work through the Municipal Engineers Group to update Technical Guidance regarding Post Construction BMPs. Review and revise the Ordinance and/ or BMP Manual as needed to reflect new information and standard practices.

Year 2:

Work through the Municipal Engineers Group to update Technical Guidance regarding Post Construction BMPs. Review and revise the Ordinance and/ or BMP Manual as needed to reflect new information and standard practices.

Year 3:

Work through the Municipal Engineers Group to update Technical Guidance regarding Post Construction BMPs. Review and revise the Ordinance and/ or BMP Manual as needed to reflect new information and standard practices.

Year 4:

Work through the Municipal Engineers Group to update Technical Guidance regarding Post Construction BMPs. Review and revise the Ordinance and/ or BMP Manual as needed to reflect new information and standard practices.

Year 5:

Work through the Municipal Engineers Group to update Technical Guidance regarding Post Construction BMPs. Review and revise the Ordinance and/ or BMP Manual as needed to reflect new information and standard practices.

Go to Additional Pages

- E.3 Long Term O & M Procedures (You may need to go to the next page to fill in this information)

The Ordinance requires site runoff storage facilities to be put into an easement. All Post Construction BMPs with a tributary area greater than one (1) acre require a three year maintenance and monitoring period.

Measurable Goals, including frequencies:

Require and accept easements over site runoff storage facilities and maintenance and monitoring periods for BMPs with a tributary area of one acre or more.

Milestones:

Year 1:

Continue to enforce the Countywide Stormwater Ordinance.

Year 2:

Continue to enforce the Countywide Stormwater Ordinance.

Year 3:

Continue to enforce the Countywide Stormwater Ordinance.

Year 4:

Continue to enforce the Countywide Stormwater Ordinance.

Year 5:

Continue to enforce the Countywide Stormwater Ordinance.

Go to Additional Pages

E.4 Pre-Construction Review of BMP Designs (You may need to go to the next page to fill in this information)

Brief Description of BMP:

The DuPage County Countywide Stormwater and Flood Plain Ordinance requires developments to provide post construction BMPs when impervious cover thresholds exceed 2500 square feet.

Measurable Goals, including frequencies:

The DuPage County BMP Manual provides guidance on the design and implementation of development practices that prevent stormwater quality degradation and enhance the overall quality of stormwater. The BMP Manual promotes and gives guidance on the installation of vegetated filter strips, vegetated swales, infiltration systems, permeable pavers, manufactured structures, and stormwater detention BMPs such as dry detention basins, wet detention basins, constructed wetland detention basins, and underground detention basins.

Milestones:

Year 1:

Review site development plans for compliance with the BMP sections of the Ordinance and document number of reviews

Year 2:

Review site development plans for compliance with the BMP sections of the Ordinance and document number of reviews

Year 3:

Review site development plans for compliance with the BMP sections of the Ordinance and document number of reviews

Year 4:

Review site development plans for compliance with the BMP sections of the Ordinance and document number of reviews

Year 5:

Review site development plans for compliance with the BMP sections of the Ordinance and document number of reviews

Go to Additional Pages

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

The DuPage County Countywide Stormwater and Flood Plain Ordinance requires that permitting authorities utilize a qualified person with expertise in plant ecology for design review and construction observation of Post Construction BMP installations which rely on vegetation for water quality or runoff volume reduction and a soil scientist or geotechnical engineers or equivalent be utilized for infiltration BMPs. Each permitting agency reserves the right to inspect the construction site during construction to verify proper BMP installation for enforcement purposes.

Measurable Goals, including frequencies:

DuPage County Stormwater will provide annual training opportunities for all permit partners staff to ensure that all MS4 employees and contractors who manage or are directly involved in routine maintenance, repair, or replacement of public surfaces in current green infrastructure or low impact design techniques applicable to such projects to ensure that they are able to identify proper BMP installation during construction

Milestones:

Year 1:

Appropriate staff of each partner agency shall attend training on green infrastructure and low impact design.

Year 2:

Appropriate staff of each partner agency shall attend training on green infrastructure and low impact design.

Year 3:

Appropriate staff of each partner agency shall attend training on green infrastructure and low impact design.

Year 4:

Appropriate staff of each partner agency shall attend training on green infrastructure and low impact design.

Year 5:

Appropriate staff of each partner agency shall attend training on green infrastructure and low impact design.

Go to Additional Pages

E.6 Post-Construction Inspections

Brief Description of BMP:

Conduct post construction inspections at sites containing BMPs with a native vegetation component for the duration of the establishment period or until performance standards are met.

Measurable Goals, including frequencies:

The number of post construction inspections performed per year on sites containing native vegetation BMPs during the establishment period.

Milestones:

Year 1:

100% of sites containing native vegetation BMPs inspected during the establishment period.

Year 2:

100% of sites containing native vegetation BMPs inspected during the establishment period.

Year 3:

100% of sites containing native vegetation BMPs inspected during the establishment period.

Year 4:

100% of sites containing native vegetation BMPs inspected during the establishment period.

Year 5:

100% of sites containing native vegetation BMPs inspected during the establishment period.

Go to Additional Pages

E.7 Other Post-Construction Runoff Controls

F. Pollution Prevention/Good Housekeeping

Measurable Goals (include shared responsibilities)

Qualifying Local Programs:

DSCSM provides guidance, training, and educational materials to partner agencies on minimizing the discharge of pollutants into Waters of the State. In house compliance of during day to day operations is the responsibility each MS4 entity.

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

Brief Description of BMP:

Provide training to partner agencies' staff on green infrastructure and practices that will minimize the discharge of pollutants from municipal operations into the storm sewer system. Examples of training topics include automobile maintenance, hazardous material storage, landscaping and lawn care, parking lot and street cleaning, pest control, pet waste collection, road salt application and storage, roadway and bridge maintenance, spill response and prevention, and storm drain stenciling.

Measurable Goals, including frequencies:

Staff members attending training on green infrastructure and practices that will minimize the discharge of pollutants from municipal operations into the storm sewer system.

Milestones:

Year 1:

Provide training to partner agencies' supervisors overseeing municipal operations and contractors

Year 2:

Provide training to partner agencies' supervisors overseeing municipal operations and contractors as well as staff performing day to day operations

Year 3:

Provide refresher training to partner agencies' supervisors overseeing municipal operations and contractors as well as staff performing day to day operations. Ensure new staff is trained in best practices and good housekeeping

Year 4:

Provide refresher training to partner agencies' supervisors overseeing municipal operations and contractors as well as staff performing day to day operations. Ensure new staff is trained in best practices and good housekeeping

Year 5:

Provide refresher training to partner agencies' supervisors overseeing municipal operations and contractors as well as staff performing day to day operations. Ensure new staff is trained in best practices and good housekeeping

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:

DSCSM provides guidance materials on good housekeeping for municipal operations. Each partner agency has developed specific inspection and maintenance procedures for equipment and facilities.

Measurable Goals, including frequencies:

Each partner agency is responsible for ensuring that equipment and facilities are inspected and maintained during day to day operations to minimize discharge of pollutants into Waters of the State.

Milestones:

Year 1:

Continue good housekeeping program of inspection and maintenance of equipment and facilities related to the prevention of polluted stormwater.

Year 2:

Continue good housekeeping program of inspection and maintenance of equipment and facilities related to the prevention of polluted stormwater.

Year 3:

Continue good housekeeping program of inspection and maintenance of equipment and facilities related to the prevention of polluted stormwater.

Year 4:

Continue good housekeeping program of inspection and maintenance of equipment and facilities related to the prevention of polluted stormwater.

Year 5:

Continue good housekeeping program of inspection and maintenance of equipment and facilities related to the prevention of polluted stormwater.

Go to Additional Pages

F.3 Municipal Operations Storm Water Control (You may need to go to the next page to fill in this information)

While DCSM is compiling a comprehensive partnership area-wide storm sewer atlas, each partner agency is responsible for maintaining the storm sewer systems within their municipal, township, or county boundaries.

Measurable Goals, including frequencies:

Partner agencies have each developed their own schedules for street sweeping as well as storm sewer inspection, clean-out, and maintenance. A standard minimum schedule will be developed for partner agencies.

Milestones:

Year 1:

Conduct street sweeping as well as storm sewer inspection, clean-out, and maintenance according to established schedules.

Year 2:

Survey partner agencies street sweeping, storm sewer inspection, clean-out, and maintenance schedules.

Year 3:

Evaluate street sweeping, storm sewer inspection, clean-out, and maintenance schedules. Review partner agency procedures to identify areas for improvement.

Year 4:

Develop guidance on timing and frequency of street sweeping, storm sewer inspection, clean-out, and maintenance schedules to minimize pollutants in stormwater runoff from roadways and storm sewers.

Year 5:

Provide guidance and minimum recommended schedules to partner agencies to influence timing and frequency of street sweeping, storm sewer inspection, clean-out, and maintenance schedules to minimize pollutants from stormwater runoff from roadways and storm sewers.

Go to Additional Pages

F.4 Municipal Operations Waste Disposal (You may need to go to the next page to fill in this information)

The ILR40 permit requires that procedures be developed for properly disposing of waste removed from the separate storm sewers and areas such as dredge spoil, accumulated sediments, floatables and other debris.

Measurable Goals, including frequencies:

Following storm sewer maintenance and cleanout activities, waste must be properly disposed of. DuPage County Public Works offers a Regional Vector Receiving Station. The station is part of a shared services initiative. It reduces the cost of disposal of public works waste and aims to keep pollutants out of area water supplies. The station processes the debris collected by public works and transportation vacuum tanker trucks. The waste is then separated into liquids and solids. The liquids are treated through the county's waste water treatment facility, while the solids are dried and eventually transferred to the garbage dump.

Milestones:

Year 1:

Partner agencies properly dispose of waste generated from storm sewer maintenance and cleanout. Continue to offer disposal facilities such as the Regional Vector Receiving Station.

Year 2:

Partner agencies properly dispose of waste generated from storm sewer maintenance and cleanout. Continue to offer disposal facilities such as the Regional Vector Receiving Station.

Year 3:

Partner agencies properly dispose of waste generated from storm sewer maintenance and cleanout. Continue to offer disposal facilities such as the Regional Vector Receiving Station.

Year 4:

Partner agencies properly dispose of waste generated from storm sewer maintenance and cleanout. Continue to offer disposal facilities such as the Regional Vector Receiving Station.

Year 5:

Partner agencies properly dispose of waste generated from storm sewer maintenance and cleanout. Continue to offer disposal facilities such as the Regional Vector Receiving Station.

Go to Additional
Pages

F.5 Flood Management/Assess Guidelines (You may need to go to the next page to fill in this information)

Ensure that new flood management projects assess the impacts on water quality and examine existing projects for incorporation of additional water quality protection devices or practices.

Measurable Goals, including frequencies:

The number of completed watershed plans, or components thereof, approved by the Stormwater Management Planning Committee and County Board per year.

Milestones:

Year 1:

Complete or implement one watershed plan

Year 2:

Complete or implement one watershed plan

Year 3:

Complete or implement one watershed plan

Year 4:

Complete or implement one watershed plan

Year 5:

Complete or implement one watershed plan

Go to Additional Pages

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

Brief Description of BMP:

Evaluate and encourage pre-wetting and anti-icing measures to reduce chloride runoff into waterways from roads and public surfaces.

Measurable Goals, including frequencies:

Deployment and use of pre-wetting and anti-icing measures by partner agencies.

Milestones:

Year 1:

Continue current practices for snow and ice removal on roads public surfaces.

Year 2:

Survey partner agencies on pre-wetting and anti-icing practices.

Year 3:

Evaluate pre-wetting and anti-icing practices by partner agencies.

Year 4:

Develop recommendations for pre-wetting and anti-icing usage to reduce chloride runoff.

Year 5:

Provide guidance and recommendations to partner agencies on pre-wetting and anti-icing techniques to reduce chloride runoff.

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)).

Anthony J. Charlton	Director, DuPage County Stormwater	5-4-18
Authorized Representative Name	Title	Date


 Authorized Representative Signature

You may complete this form online and save a copy locally before printing and signing the form. It should then be sent to:

Illinois Environmental Protection Agency
 Bureau of Water
 Division of Water Pollution Control
 Attn: Permit Section
 P.O. Box 19276
 1021 North Grand Avenue East
 Springfield, IL 62794-9276

Additional Info - Page 1

A. Public Education and Outreach

BMP Number _____

Add Another BMP

Delete Last Entry

Additional Info - Page 2

B. Public Participation/Involvement

BMP Number _____

Add Another BMP

Delete Last Entry

Additional Info - Page 3

C. Illicit Discharge Detection and

BMP Number _____

Add Another BMP

Delete Last Entry

Additional Info - Page 4

D. Construction Site Runoff Control

BMP Number _____

Add Another BMP

Delete Last Entry

Additional Info - Page 5

E. Post-Construction Runoff Control

BMP Number _____

Add Another BMP

Delete Last Entry

Additional Info - Page 6

F. Pollution Prevention/Good

BMP Number _____

Add Another BMP

Delete Last Entry