



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: Village of Bensenville

2. MS4 Mailing Address: 717 E Jefferson Street

City: Bensenville State: IL

3. Operator Type: Village Other: _____

4. Operator Status: Local Other: _____

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

DuPage County Cook County

6. Area of land that drains to your MS4 in square miles: 5.2

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

Latitude: 41 57 29 Longitude: 87 56 45
Degrees Minutes Seconds: Degrees Minutes Seconds:

8. Name(s) of known receiving waters

Bensenville Ditch
Addison Creek & Its Tributaries
Willow Creek North & South Branch

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

Name: Mr. Joseph M. Caracci, P.E. Title: Director of Public Works Phone: 630-350-3435

Area of Responsibility: Overall management of stormwater program implementation

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

Area of Responsibility: Soil erosion & sediment control for various project sites

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:

The Village of Bensenville works closely with DuPage County who employs a Stormwater Outreach Coordinator who is engaged in contracts with consultants to provide education and outreach pertaining to the reduction of pollutants in stormwater runoff. The Village of Bensenville intends to participate under the regional program implemented by DuPage County for this minimum control measure.

Measurable Goals (include shared responsibilities)

- A.1 Distributed Paper Material

Brief Description of BMP:

DuPage County Stormwater Outreach Coordinator develops and distributes paper and electronic material regarding the control of pollutants from seasonal sources and activities.

Measurable Goals, including frequencies:

The number of seasonal publications developed or updated per year.

Milestones:

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Year 1:

1 brochure packet

Year 2:

2 brochure packets

Year 3:

2 brochure packets

Year 4:

3 brochure packets

Year 5:

4 brochure packets

- A.2 Speaking Engagement

Brief Description of BMP:

Engage interested parties through presentations detailing water quality trends for DuPage County waterways and highlighting practices that can reduce the transport of pollutants along with stormwater into those same waterways.

Measurable Goals, including frequencies:

The number of presentations made per year.

Milestones:

Year 1:

5 presentations

Year 2:

5 presentations

Year 3:

6 presentations

Year 4:

7 presentations

Year 5:

7 presentations

Go to Additional Pages

A.3 Public Service Announcement

Brief Description of BMP:

Disburse press releases, public service announcements, and messages through social media to residents through DuPage County. These messages detail water quality trends for DuPage County waterways and highlight practices that can reduce the transport of pollutants along with stormwater into those same waterways.

Measurable Goals, including frequencies:

The number of messages broadcast per year.

Milestones:

Year 1:

8 messages

Year 2:

9 messages

Year 3:

10 messages

Year 4:

11 messages

Year 5:

12 messages

Go to Additional Pages

A.4 Community Event

Brief Description of BMP:

Present, through booths, workshops, or presentations, water quality issues to members of the community. Presentations detail water quality trends for Bensenville through DuPage County waterways and highlighting practices that can reduce the transport of pollutants along with stormwater into those same waterways.

Measurable Goals, including frequencies:

The number of events attended or hosted per year.

Milestones:

Year 1:

2 events staffed

Year 2:

3 events staffed

Year 3:

4 events staffed

Year 4:

5 events staffed

Year 5:

6 events

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:

Educate school aged children regarding the basic principles of watersheds and practices to reduce the transfer of pollutants to waterways, including rain gardens, rain barrels, permeable pavers, green roofs, native plants, bioswales, and various source control measures.

Measurable Goals, including frequencies:

The number of students in attendance of outreach programs per year.

Milestones:

Year 1:

300 students

Year 2:

330 students

Year 3:

363 students

Year 4:

399 students

Year 5:

439 students

Go to Additional Pages

A.6 Other Public Education

B.Public Participation/Involvement

Measurable Goals (include shared responsibilities)

Qualifying Local Programs:

DuPage County seeks to engage a broad range of individuals and interests to provide input regarding policies and projects related to the control and reduction of pollutants in stormwater runoff. Input is obtained by hosting and participating in stakeholder meetings, as well as facilitating the involvement of the public, including underrepresented sectors, in the process. The Village of Bensenville intends to participate under the regional program implemented by DuPage County for this minimum control measure.

B.2 Educational Volunteer

B.3 Stakeholder Meeting

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

Brief Description of BMP:

Organize or serve as a principal participant in a stakeholder meeting that addresses matters pertaining to pollutant reduction on a watershed level. Bensenville staff actively participates in the DuPage County Municipal Engineers Group (MEG), the Silver Creek Watershed Group, and the DuPage River/Salt Creek Work Group, all of which have a focus on stormwater management and water quality.

Measurable Goals, including frequencies:

The number of meetings held per year.

Milestones:

Year 1:

6 meetings

Year 2:

7 meetings

Year 3:

8 meetings

Year 4:

9 meetings

Year 5:

10 meetings

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:

Conduct a meeting for the public to provide input as to the adequacy of the established Storm Water Management Program.

Measurable Goals, including frequencies:

Number of meetings held per year.

Milestones:

Year 1:

1 meeting

Year 2:

1 meeting

Year 3:

1 meeting

Year 4:

1 meeting

Year 5:

1 meeting

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:

Conduct assessments to gauge citizen and partner views, behaviors, and concerns pertaining to a variety of topics, including water quality, property management, and residential pollutant control.

Measurable Goals, including frequencies:

The number of surveys developed and disbursed per year.

Milestones:

Year 1:

1 assessment

Year 2:

1 assessment

Year 3:

1 assessment

Year 4:

1 assessment

Year 5:

1 survey

Go to Additional Pages

B.7 Other Public Involvement

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

Brief Description of BMP:

Host events, such as Adopt-a-Stream, River Sweep, and Storm Drain Stenciling, where residents are engaged in reducing the transport of pollutants to, or directly removing pollutants from, waterways within DuPage County.

Measurable Goals, including frequencies:

The number of individuals involved in public events per year.

Milestones:

Year 1:

400 participants

Year 2:

420 participants

Year 3:

441 participants

Year 4:

463 participants

Year 5:

486 participants

Go to Additional Pages

C. Illicit Discharge Detection and Elimination

Qualifying Local Programs:

DuPage County is in partnership with the majority of municipalities regarding the screening for and tracing of illicit discharges into Waters of the State from MS4 outfalls. County staff hosts an illicit discharge hotline, performs field inspections of known outfall locations, and, where applicable, traces a suspected illicit discharge to the source. The Village of Bensenville intends to participate under the regional program implemented by DuPage County for this minimum control measure.

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:

Collect and compile, from a variety of sources, storm sewer maps. These maps identify the locations of storm sewer outfalls discharging to Waters of the State. The desired end product is one comprehensive, Countywide storm sewer atlas.

Measurable Goals, including frequencies:

The percentage of DuPage County 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

Go to Additional Pages

- C.2 Regulatory Control Program
- C.3 Detection/Elimination Prioritization Plan (You may need to go to the next page to fill in this information)

Brief Description of BMP:

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

Measurable Goals, including frequencies:

The number of steps in the prioritization process completed per year.

Milestones:

Year 1:

2 steps (1 & 2)

Year 2:

2 steps (3 & 4)

Year 3:

2 steps (5 & 6)

Year 4:

2 steps (7 & 8)

Year 5:

2 steps (9 & 10)

Go to Additional Pages

C.4 Illicit Discharge Tracing Procedures

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

Brief Description of BMP:

Distribute educational materials pertaining to illicit discharges to DuPage County residents and businesses. DuPage County maintains an Illicit Discharge Detection and Elimination Hotline, where interested parties are able to report suspect discharges from the storm sewer system into waterways located within DuPage County. Often, these reported discharges originate from an individual or business that is unaware of the implications of their activities.

Measurable Goals, including frequencies:

The number of letters, flyers, posters, brochures or other public education tools distributed per year.

Milestones:

Year 1:

10 pieces of educational material

Year 2:

11 pieces of educational material

Year 3:

12 pieces of educational material

Year 4:

13 pieces of educational material

Year 5:

14 pieces of educational material

Go to Additional Pages

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)

Perform the visual screening of MS4 outfalls discharging to Waters of the State during dry-weather conditions.

Measurable Goals, including frequencies:

The number of outfalls inspected per year.

Milestones:

Year 1:

10 percent of known outfalls.

Year 2:

15 percent of known outfalls

Year 3:

20 percent of known outfalls

Year 4:

25 percent of known outfalls

Year 5:

30 percent of known outfalls

Go to Additional Pages

- 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, potassium, fluoride, conductivity, and pH.

Measurable Goals, including frequencies:

The percentage of outfalls releasing a suspected illicit discharge chemically monitored per year.

Milestones:

Year 1:

50 percent

Year 2:

60 percent

Year 3:

70 percent

Year 4:

80 percent

Year 5:

90 percent

Go to Additional Pages

- C.9 Public Notification
- C.10 Other Illicit Discharge Controls

D. Construction Site Runoff Control

Measurable Goals (include shared responsibilities)

Qualifying Local Programs:

The Village performs site plan reviews for any development within its jurisdiction. The Village relies on DuPage County staff for any construction activity impacting special management areas such as floodplains, wetlands, buffers, etc. The Village of Bensenville intends to participate under the regional program implemented by DuPage County for this minimum control measure.

D.1 Regulatory Control Program

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:

Review construction permit submittals to ensure the construction site runoff control is adequately managed.

Measurable Goals, including frequencies:

The number of construction permit submittals reviewed per year (based on as developments come in).

Milestones:

Year 1:

3 reviews

Year 2:

4 reviews

Year 3:

5 reviews

Year 4:

5 reviews

Year 5:

5 reviews

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:

The Village performs surprise inspections on construction sites for approved development projects to ensure the developments are within compliance for soil erosion and sediment control plans.

Measurable Goals, including frequencies:

The number of inspections and its frequency.

Milestones:

Year 1:

1 inspection bi-weekly

Year 2:

1 inspection weekly

Year 3:

one inspection weekly - possible second surprise inspection within same week

Year 4:

2 inspections weekly

Year 5:

2 inspections weekly

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 (DCCSFPO) establishes a minimum level of regulatory compliance that a municipality within DuPage County must meet. The Village of Bensenville intends to participate under the regional program implemented by DuPage County for this minimum control measure.

Measurable Goals (include shared responsibilities)

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

Brief Description of BMP:

Review of the regulatory framework established by the DCCSFPO. Following review, the need for changes in Ordinance text, performance of community audits, general certification adoption, or development of technical guidance may be recognized.

Measurable Goals, including frequencies:

The number of regulatory activities performed per year.

Milestones:

Year 1:

1 activity

Year 2:

1 activity

Year 3:

2 activities

Year 4:

2 activities

Year 5:

3 activities

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)

Maintain DuPage County owned property on which native vegetation was established for pollutant control purposes. These properties typically contain riparian, wetland, or floodplain areas or post-construction best management practices.

Measurable Goals, including frequencies:

The percentage of County-owned properties planted with native vegetation maintained per year.

Milestones:

Year 1:

50 percent

Year 2:

75 percent

Year 3:

75 percent

Year 4:

90 percent

Year 5:

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:

Certify, for permit approval, permit submittals. Approval is granted to submittals that are in compliance with the DuPage County Countywide Stormwater and Flood Plain Ordinance, which requires post-construction best management practices (PCBMPs) for all developments with a 2,500 square foot net increase of impervious surfaces.

Measurable Goals, including frequencies:

The percentage of permit submittals certified, versus the total number of submittals, per year.

Milestones:

Year 1:

30 percent

Year 2:

35 percent

Year 3:

40 percent

Year 4:

45 percent

Year 5:

50 percent

Go to Additional Pages

E.5 Site Inspections During Construction

E.6 Post-Construction Inspections

Conduct post-construction inspections at sites containing post-construction best management practices, wetland buffer, riparian enhancement, or wetland mitigation.

Measurable Goals, including frequencies:

The number of post-construction inspections performed per year.

Milestones:

Year 1:

20 inspections

Year 2:

20 inspections

Year 3:

25 inspections

Year 4:

25 inspections

Year 5:

30 inspections

Go to Additional Pages

E.7 Other Post-Construction Runoff Controls (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Annual training in current green infrastructure or low impact design techniques.

Measurable Goals, including frequencies:

Percentage of applicable employees and contractors involved in the management of public surfaces trained.

Milestones:

Year 1:

50

Year 2:

60

Year 3:

70

Year 4:

80

Year 5:

90

Go to Additional Pages

F. Pollution Prevention/Good Housekeeping

Measurable Goals (include shared responsibilities)

Qualifying Local Programs:

Where applicable, watershed plans are to include updated and revised floodplain maps, basin-specific ordinances, recommended improvement projects and programs to alleviate present and anticipated flooding problems, and identification of wetlands and critical habitats. The Village offers stream resident maintenance services to remove large timber debris accumulations from waterways when contacted by requesting municipalities.

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

Brief Description of BMP:

Send staff to training to learn procedures 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 system cleaning.

Measurable Goals, including frequencies:

The number of staff members attending training per year.

Milestones:

Year 1:

3 employees

Year 2:

5 employees

Year 3:

7 employees

Year 4:

9 employees

Year 5:

10 employees

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:

Follow established procedures to remove accumulated timber debris from stormwater facilities that have potential to cause a regional stormwater problem.

Measurable Goals, including frequencies:

The number of cubic yards removed from drainageways per year.

Milestones:

Year 1:

2 cubic yards

Year 2:

3 cubic yards

Year 3:

4 cubic yards

Year 4:

5 cubic yards

Year 5:

5 cubic yards

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)

Brief Description of BMP:

Develop standard operating procedures and checklists for municipal operators to use to assess the need for pollution prevention measures for wash water, spills, leaks, debris, deicing materials, and other chemicals on their property.

Measurable Goals, including frequencies:

Number of corrections made in response to assessments.

Milestones:

Year 1:

10 corrections

Year 2:

5 corrections

Year 3:

3 corrections

Year 4:

2 corrections

Year 5:

1 correction

Go to Additional Pages

F.4 Municipal Operations Waste Disposal

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

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:

1 watershed

Year 2:

1 watershed

Year 3:

1 watershed

Year 4:

1 watershed

Year 5:

1 watershed

Go to Additional Pages

F.6 Other Municipal Operations Controls

Part III. Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for knowingly submitting false information, including the possibility of fines and imprisonment.

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony (415 ILCS 5/44 (h)).

Joseph M. Caracci

Director of Public Works

5/31/2016

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 A.1

A.1 - Distributed Paper Material
 Description of BMP: Develop and distribute both paper and electronic material regarding the control of pollutants from seasonal sources and activities.
 Measurable Goals: The number of new and/or additional seasonal brochures placed at Village Hall or Public Works.
 Year 1: 1 brochure
 Year 2: 1 brochure (2 new total)
 Year 3: 1 brochure (3 new total)
 Year 4: 1 brochure (4 new total)
 Year 5: 1 brochure (5 new total)

BMP Number A.4

A.4 Community Event
 Current activities: County qualifying local program
 Description of BMP: Invite DuPage County Staff to set up a booth at Village event.
 Measurable Goals: The number of invitations to DuPage County.
 Year 1: 1 invitation
 Year 2: 1 invitation
 Year 3: 1 invitation
 Year 4: 1 invitation
 Year 5: 1 invitation

BMP Number A.6

A.6 Other Public Education
 Description of BMP: Increase the number of links provided on Village website to information provided by DuPage County.
 Measurable Goals: The number of new links provided on Village website.
 Year 1: 1 new link
 Year 2: 1 new link (2 new total)
 Year 3: 1 new link (3 new total)
 Year 4: 1 new link (4 new total)
 Year 5: 1 new link (5 new total)

Add Another BMP

Delete Last Entry

Additional Info - Page 2

B. Public Participation/Involvement

BMP Number B.3

B.3 Stakeholder Meeting

Description of BMP: Attend stakeholder meeting that addresses matters pertaining to pollutant reduction.

Measurable Goals: The number of meetings attended per year.

Year 1: 1 meeting

Year 2: 1 meeting

Year 3: 1 meeting

Year 4: 1 meeting

Year 5: 1 meeting

Add Another BMP

Delete Last Entry

C. Illicit Discharge Detection and

BMP Number C.1

C.1 Storm Sewer Map Preparation

Description of BMP: Preparation of the storm sewer map has nearing completion. Upon completion, it will be sent to DuPage County and be updated once per year.

Measurable Goals: Ensure map is updated once per year and updates are sent to DuPage County

- Year 1: 1 map update
- Year 2: 1 map update
- Year 3: 1 map update
- Year 4: 1 map update
- Year 5: 1 map update

BMP Number C.7

C.7 Visual Dry Weather Screening

Description of BMP: Perform the visual screening of MS4 outfalls discharging to Waters of the State during dry-weather conditions. Any areas of concern will be forwarded to DuPage County.

Measurable Goals: The number of outfalls inspected per year.

- Year 1: 10% of known outfalls
- Year 2: 15 % of known outfalls
- Year 3: 20% of known outfalls
- Year 4: 25% of known outfalls
- Year 5: 30% of known outfalls

Add Another BMP

Delete Last Entry

Additional Info - Page 4

D. Construction Site Runoff Control

BMP Number D.1

D.1 Regulatory Control Program
Description of BMP: The Village of Bensenville requires permits for all sites that disturb more than 5000 square feet.
Measurable goals: The percentage of sites that disturb over 5000 square feet that will require a permit.

Year 1: 100%
Year 2: 100%
Year 3: 100%
Year 4: 100%
Year 5: 100%

BMP Number D.2

D.2 Erosion and Sediment Control BMPs
Description of BMP: The Village of Bensenville requires erosion and sediment control plans for all sites that disturb more than 5,000 square feet.
Measurable Goals: The percentage of sites that disturb over 5,000 square feet that will require erosion and sediment control plans.

Year 1: 100%
Year 2: 100%
Year 3: 100%
Year 4: 100%
Year 5: 100%

Add Another BMP

Delete Last Entry

Additional Info - Page 5

E. Post-Construction Runoff Control

BMP Number E.2

E.2 Regulatory Control Program
Description of BMP: Village staff reviews the current stormwater, floodplain and sediment and erosion control ordinance.
Measurable Goals: The number of times the ordinance is reviewed each year.
Year 1: 1 review
Year 2: 1 review
Year 3: 1 review
Year 4: 1 review
Year 5: 1 review

BMP Number E.5

E.5 Site Inspections during Construction
Description of BMP: The Village of Bensenville requires erosion and sediment control inspections of all demolition sites.
Measurable Goals: The percentage of demolition sites that require erosion and sediment control inspections.
Year 1: 100%
Year 2: 100%
Year 3: 100%
Year 4: 100%
Year 5: 100%

BMP Number E.6

E.6 Post-Construction Inspections
Description of BMP: The Village of Bensenville requires all sites be stabilized prior to issuance of certificates of occupancy and/or release of bonds.
Measurable Goals: The percentage of sites that must be stabilized prior to issuance of certificates of occupancy and/or the release of bonds.
Year 1: 100%
Year 2: 100%
Year 3: 100%
Year 4: 100%
Year 5: 100%

Add Another BMP

Delete Last Entry

Additional Info - Page 6

F. Pollution Prevention/Good

BMP Number F.2

F.2 Inspection/Maintenance Program

Description of BMP: Follow procedures to clean storm sewer system.

Measurable Goals: The percentage of storm sewer cleaned each year, along with establishing a system to track it.

Year 1: 5% of Village's storm sewer

Year 2: 5% of Village's storm sewer

Year 3: 5% of Village's storm sewer

Year 4: 10% of Village's storm sewer

Year 5: 10% of Village's storm sewer

BMP Number F.4

F.4 Municipal Operations Waste Disposal

Description of BMP: Collect waste as part of street sweeping program.

Measurable Goals: The number of cubic yards of waste removed.

Year 1: 50 tons

Year 2: 50 tons

Year 3: 50 tons

Year 4: 50 tons

Year 5: 50 tons

Add Another BMP

Delete Last Entry