



# Illinois Environmental Protection Agency

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

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

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

1. Name of Municipality: Village of Beecher MS4 #: ILR400619  
 Population (based on 2010 census): 4,359
2. MS4 Mailing Address: 625 Dixie Highway City: Beecher, IL Zip: 60401
3. Primary MS4 Contact Person (Authorized Representative for MS4 Permit)  
 Name: Robert Barber Title: Village Administrator  
 Phone: 708-946-2261 Email Address: rbarber@villageofbeecher.org

### General Information

4. Latitude and Longitude at approximate geographical center of MS4 for which you are requesting authorization to discharge:  
 Latitude: 41 20 55 Longitude: 87 37 03  
                   Degrees Minutes Seconds                   Degrees Minutes Seconds
5. Community Type: \_\_\_\_\_ Other: \_\_\_\_\_
6. Name(s) of governmental entity(ies) in which MS4 is located:

City/Village	Township	County
Beecher	Washington	Will

7. Area of land within your MS4 in square miles: 2.1
8. Percent of MS4 served by combined sewer: 0 Percent of MS4 served by separate sewer: 100

### Impaired Waters

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

9. 

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

- 9a. If impaired, which potential causes and source?  
 Causes: \_\_\_\_\_ Source: \_\_\_\_\_
- 9b. Are the receiving waterbodies included in an approved TMDL or alternate water quality management plan?  Yes  No
- 9c. Is the MS4 community included in the chloride variance?  Yes  No

## Program Responsibility

### 10. Shared Responsibility

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

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

### 11. Co-Permittee

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

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

Name: Robert Barber Title: Village Administrator

Phone: 708-946-2261 Email: rbarber@villageofbeecher.org

Area of Responsibility: Village Stormwater Program

Add a row

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Part II. Best Management Practices (include shared responsibilities) which have been implemented or are proposed to be implemented in the MS4 area

**A. Public Education and Outreach**

Approximate date first implemented: 2002 Frequency of each BMP program: Annual

Qualifying Local Programs

Measurable Goals (include shared responsibilities)

A.1 Distributed Paper Material

Brief Description of BMP

The Village publishes a newsletter for its residents. Semi-annual articles addressing the following issues will be incorporated into the newsletter in the future: the impacts of storm water discharges on water bodies, measures the public can take to reduce pollutants in storm water runoff, and information directed to public employees, businesses, and the general public regarding hazards associated with illegal discharges and improper waste disposal.

Measurable Goals, including frequencies

Publish stormwater articles on the Village website annually.

Milestones

Year 1: 

Continue annual website posting of articles.

Year 2: 

Continue annual website posting of articles.

Year 3: 

Continue annual website posting of articles.

Year 4: 

Continue annual website posting of articles.

Year 5: 

Continue annual website posting of articles.

Additional Info

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

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A.2 Speaking Engagement

A.3 Public Service Announcement

A.4 Community Event

A.5 Classroom Education Material

A.6 Other Public Education

Brief Description of BMP

The Village maintains a NPDES stormwater website to provide information on the MS4 program, education materials, and program plans and reports. The website provides contact information for questions, reporting illicit discharges, or other water quality concerns.

Measurable Goals, including frequencies

Review and update the website annually. [www.villageofbeecher.org/publicworks](http://www.villageofbeecher.org/publicworks)

Milestones

Year 1:

Year 2:

Year 3:

Year 4:

Year 5:

Additional Info

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

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**B. Public Participation/Involvement**

Approximate date first implemented: 2002 Frequency of each BMP program: Annual

Qualifying Local Programs

B.1 Public Panel

Brief Description of BMP

Public meeting to inform and take input on the Village's stormwater program.

Measurable Goals, including frequencies

Annual agenda item at Village Board meeting.

Milestones

Year 1:

Year 2:

Year 3:

Year 4:

Year 5:

Additional Info

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

Measurable Goals (include shared responsibilities)

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B.2 Educational Volunteer

Brief Description of BMP

The Village and the Beecher School District Science Department sponsor a stream clean-up along Trim Creek during the fall of each year. Approximately one-half mile of stream is cleaned each year. The Village will continue to participate in the stream clean-up each year, and will advertise the clean-up to the community.

Measurable Goals, including frequencies

Continue a fall clean-up of Trim Creek during the years of this program. Evaluate the effectiveness of the program.

Milestones

Year 1: Continue to participate in the program.

Year 2: Continue to participate in the program.

Year 3: Continue to participate in the program.

Year 4: Continue to participate in the program.

Year 5: Continue to participate in the program.

Additional Info

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

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B.3 Stakeholder Meeting

B.4 Public Hearing

B.5 Volunteer Monitoring

B.6. Program Involvement

B.7 Other Public Involvement

Brief Description of BMP

The Village will provide a contact number that residents can call to report storm water related issues, including ordinance violations, construction site soil/erosion control violations, maintenance issues, and illicit discharges.

Measurable Goals, including frequencies

Inform all residents of the existence of a contact number on the Village website.

Milestones

Year 1: Publish contact number on website.

Year 2: Publish contact number on website.

Year 3: Publish contact number on website.

Year 4: Publish contact number on website.

Year 5: Publish contact number on website.

Additional Info

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

Add a row

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**C. Illicit Discharge Detection and Elimination**

Approximate date first implemented: 2002 Frequency of each BMP program: Annual

Qualifying Local Programs

Measurable Goals (include shared responsibilities)

C.1 Sewer Map Preparation

Brief Description of BMP

The Village has a digital storm sewer atlas that includes all existing outfalls, receiving waters, and storm sewer pipes.

Measurable Goals, including frequencies

Update storm sewer atlas as new developments are constructed in the Village.

Milestones

Year 1: Update storm sewer atlas as needed.

Year 2: Update storm sewer atlas as needed.

Year 3: Update storm sewer atlas as needed.

Year 4: Update storm sewer atlas as needed.

Year 5: Update storm sewer atlas as needed.

Additional Info

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

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C.2 Regulatory Control Program

Brief Description of BMP

The Village adopted an Illicit Discharge Detection and Elimination Ordinance. In addition, the Village adopted the Will County Stormwater Management Ordinance to prohibit non-storm water discharges into the Village's storm sewer system. The Ordinance includes enforcement and penalties for ordinance violations.

Measurable Goals, including frequencies

Enforce the Illicit Discharge Detection and Elimination Ordinance.

Milestones

Year 1: Continue to enforce the Illicit Discharge Detection and Elimination Ordinance.

Year 2: Continue to enforce the Illicit Discharge Detection and Elimination Ordinance.

Year 3: Continue to enforce the Illicit Discharge Detection and Elimination Ordinance.

Year 4: Continue to enforce the Illicit Discharge Detection and Elimination Ordinance.

Year 5: Continue to enforce the Illicit Discharge Detection and Elimination Ordinance.

Additional Info

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

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C.3 Detection/Elimination Prioritization Plan

C.4 Illicit Discharge Tracing Procedures

Brief Description of BMP

The Village developed procedures for tracing illicit discharges identified through a dry-weather screening program, regular storm sewer maintenance, and from public reporting. The Village implements the tracing program for all discharges identified. Efforts to locate illicit discharges will be documented.

Measurable Goals, including frequencies

Investigate all illicit discharges identified. Document Village efforts in tracing illicit discharges.

Milestones

Year 1: Continue tracing program for all discharges identified.

Year 2: Continue tracing program for all discharges identified.

Year 3: Continue tracing program for all discharges identified.

Year 4: Continue tracing program for all discharges identified.

Year 5: Continue tracing program for all discharges identified.

Additional Info

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

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C.5 Illicit Source Removal Procedures

**Brief Description of BMP**

The Village developed procedures for removing illicit discharges identified through the illicit discharge tracing program. The Village enforces full implementation of illicit discharge removal procedures.

**Measurable Goals, including frequencies**

Disconnect any illicit discharge source that can be identified through the tracing program.

**Milestones**

Year 1: Full implementation of illicit discharge removal procedures.

Year 2: Full implementation of illicit discharge removal procedures.

Year 3: Full implementation of illicit discharge removal procedures.

Year 4: Full implementation of illicit discharge removal procedures.

Year 5: Full implementation of illicit discharge removal procedures.

**Additional Info**

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

Add a row

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C.6 Program Evaluation and Assessment

C.7 Visual Dry Weather Screening

**Brief Description of BMP**

The Village conducts annual dry weather screening of all outfalls to receiving waters to identify any illicit discharges. All the storm water outfalls along Trim Creek have been identified. Also, screening will be conducted for storm sewer structures during routine sewer maintenance.

**Measurable Goals, including frequencies**

Annual screening of all outfalls. Screening of storm sewer structures during routine maintenance.

**Milestones**

Year 1: Continue outfall screening and implement structure screening during routine maintenance.

Year 2: Continue outfall screening and implement structure screening during routine maintenance.

Year 3: Continue outfall screening and implement structure screening during routine maintenance.

Year 4: Continue outfall screening and implement structure screening during routine maintenance.

Year 5: Continue outfall screening and implement structure screening during routine maintenance.

**Additional Info**

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



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- C.8 Pollutant Field Testing
- C.9 Public Notification
- C.10 Other Illicit Discharge Controls

**D. Construction Site Runoff Control**

Approximate date first implemented: 2002 Frequency of each BMP program: Annual

Qualifying Local Programs

Measurable Goals (include shared responsibilities)

- D.1 Regulatory Control Program

Brief Description of BMP

D.1/D.2/D.3/D.4/D.6 – Soil Erosion Control Ordinance. Construction site erosion and sediment control is currently addressed by Article 6, Section 2.2 of the Village of Beecher Subdivision Ordinance No. 789 and Development Standards, and by Article 3 of the Will County Stormwater Management Ordinance, which was recently adopted by the Village. Article 3 of the Will County Stormwater Management Ordinance addresses the reduction of pollutants in storm water runoff from any land disturbing activity. It includes provisions that require: an erosion and sediment control plan, site inspection and enforcement of control measures, and sanctions to ensure compliance. Beecher’s Subdivision Ordinance requires the control of wastes at construction sites that could cause adverse impacts to water quality, and requires that all regulated construction sites have a storm water pollution prevention plan that meets or exceeds the requirements of Part IV of NPDES permit No. ILR10, including management practices, controls, and other provisions at least as protective as the requirements contained in the Illinois Urban Manual, 2002. Beecher currently considers water quality in its site plan review procedures and site inspection and enforcement of control measures.

Measurable Goals, including frequencies

Implement site plan review, inspection, and enforcement of control measures for all site plans.

Milestones

- Year 1: 

Continue to implement procedures for site plan review, site inspection, and enforcement of control measures.
- Year 2: 

Continue to implement procedures for site plan review, site inspection, and enforcement of control measures.
- Year 3: 

Continue to implement procedures for site plan review, site inspection, and enforcement of control measures.
- Year 4: 

Continue to implement procedures for site plan review, site inspection, and enforcement of control measures.
- Year 5: 

Continue to implement procedures for site plan review, site inspection, and enforcement of control measures.

Additional Info

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

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- D.2 Erosion and Sediment Control BMPs
- D.3 Other Waste Control Program
- D.4 Site Plan Review Procedures

- D.5 Public Information Handling Procedures
- D.6 Site Inspection/Enforcement Procedures
- D.7 Other Construction Site Runoff Controls

**E. Post-Construction Runoff Control**

Approximate date first implemented: 2002 Frequency of each BMP program: Annual

Qualifying Local Programs

Measurable Goals (include shared responsibilities)

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

Brief Description of BMP

E.2/E.3/E.5/E.6 – Storm Water Drainage and Detention Ordinance. Post-construction storm water management for new development and redevelopment projects is currently addressed by Articles 7 and 8 of the Village of Beecher Subdivision Ordinance No. 789 and Development Standards, and Articles 2 and 6 of the adopted Will County Stormwater Management Ordinance. Articles 2 and 6 of the Will County Stormwater Management Ordinance address volume and quality control for storm water runoff from finished development projects that have disturbed from one acres to five acres and greater in size. It includes provisions that require: controls to prevent or minimize water quality impacts, implementation of structural and non-structural BMP's, provisions to ensure long-term operation and maintenance of BMP's, site inspections during construction, and post-construction inspections. Beecher's Subdivision Ordinance requires all construction sites disturbing a land area of one acre or greater, including projects less than one acre that are part of a larger common plan of development or sale, and that discharge to the Village's storm sewer system, be regulated. Beecher's ordinance also requires that all regulated construction sites have post-construction management that meets or exceeds the requirements of Section IV (D)(2)(b) of NPDES permit No. ILR10 including management practices, controls, and other provisions at least as protective as the requirements contained in the Illinois Urban Manual, 2002.

Measurable Goals, including frequencies

Inspect all sites during and after construction. Enforce the Village of Beecher Subdivision Ordinance and the Will County Stormwater Management Ordinance.

Milestones

- Year 1: 

Continue to inspect sites during and after construction, following the Village of Beecher Subdivision Ordinance and the Will County Storm Water Management Ordinance.
- Year 2: 

Continue to inspect sites during and after construction, following the Village of Beecher Subdivision Ordinance and the Will County Storm Water Management Ordinance.
- Year 3: 

Continue to inspect sites during and after construction, following the Village of Beecher Subdivision Ordinance and the Will County Storm Water Management Ordinance.
- Year 4: 

Continue to inspect sites during and after construction, following the Village of Beecher Subdivision Ordinance and the Will County Storm Water Management Ordinance.
- Year 5: 

Continue to inspect sites during and after construction, following the Village of Beecher Subdivision Ordinance and the Will County Storm Water Management Ordinance.

Additional Info

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

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- 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**

Approximate date first implemented: 2002 Frequency of each BMP program: Annual

Qualifying Local Programs

Measurable Goals (include shared responsibilities)

- F.1 Employee Training Program

Brief Description of BMP

The Village currently conducts employee training for municipal operations and safety. A training program to educate staff on prevention and reduction of storm water pollution from municipal activities has been incorporated into the Village's existing training program. This program addresses activities such as park and open space maintenance, fleet and building maintenance, operation of storage yards, snow disposal, new construction and land disturbances, storm water system maintenance procedures for proper disposal of street cleaning debris and catch basin materials, and addresses ways that flood management projects impact water quality, nonpoint source pollution control, and aquatic habitats. This program also addresses the hazards associated with illegal discharges and improper disposal of waste.

Measurable Goals, including frequencies

Conduct annual training to educate staff on prevention and reduction of storm water pollution from municipal activities.

Milestones

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

Additional Info

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

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- F.2 Inspection and Maintenance Program

Brief Description of BMP

The Village conducts a regular inspection and maintenance program to reduce pollutant runoff from municipal operations, and evaluates its effectiveness. The program modified based on that evaluation if needed. The program includes: sweeping of all Village streets twice per year, jetting storm sewers as needed, and cleaning the associated catch basins, inspecting and cleaning catch basins after large storms, regrading ditches approximately every 10 years, and mowing and maintaining three dry bottom detention ponds.

Measurable Goals, including frequencies

Implement and review of the maintenance program to determine effectiveness, annually.

Milestones

Year 1: Implement and review the maintenance program to determine effectiveness.

Year 2: Implement and review the maintenance program to determine effectiveness.

Year 3: Implement and review the maintenance program to determine effectiveness.

Year 4: Implement and review the maintenance program to determine effectiveness.

Year 5: Implement and review the maintenance program to determine effectiveness.

Additional Info

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

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F.3 Municipal Operations Storm Water Control

Brief Description of BMP

The Village has policies designed to prevent storm water pollution associated with municipal operations. Road salt is stored in a dedicated structure. Flammable and hazardous chemicals are stored in fireproof metal cabinets. Chlorine gas used to disinfect drinking water is stored per Title 3 chemical safety standards. The policies described above were incorporated into a formal Municipal Pollution Prevention Program. This program will be evaluated to determine its effectiveness and modified as necessary.

Measurable Goals, including frequencies

Annual review of program to determine effectiveness.

Milestones

Year 1: Evaluate effectiveness of Municipal Pollution Prevention Plan.

Year 2: Evaluate effectiveness of Municipal Pollution Prevention Plan.

Year 3: Evaluate effectiveness of Municipal Pollution Prevention Plan.

Year 4: Evaluate effectiveness of Municipal Pollution Prevention Plan.

Year 5: Evaluate effectiveness of Municipal Pollution Prevention Plan.

Additional Info

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

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F.4 Municipal Operations Waste Disposal

**Brief Description of BMP**

Wastes are stored in appropriate containers for disposal. The Village transports used vehicle oil to a local service station for recycling.

**Measurable Goals, including frequencies**

Annually, store wastes in appropriate containers for disposal. Implement good housekeeping procedures. Transport all used vehicle oil to a local service station for recycling.

**Milestones**

Year 1: Store wastes in appropriate containers for disposal. Implement good housekeeping procedures. Transport all used vehicle oil to a local service station for recycling.

Year 2: Store wastes in appropriate containers for disposal. Implement good housekeeping procedures. Transport all used vehicle oil to a local service station for recycling.

Year 3: Store wastes in appropriate containers for disposal. Implement good housekeeping procedures. Transport all used vehicle oil to a local service station for recycling.

Year 4: Store wastes in appropriate containers for disposal. Implement good housekeeping procedures. Transport all used vehicle oil to a local service station for recycling.

Year 5: Store wastes in appropriate containers for disposal. Implement good housekeeping procedures. Transport all used vehicle oil to a local service station for recycling.

**Additional Info**

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

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F.5 Flood Management/Assess Guidelines

F.6 Other Municipal Operations Controls

**BMPs Currently Implemented and Proposed**

BMP Number	Location
See BMPs above	

Add a row

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**Approximate Pollutant Reduction Resulting from each BMP**

BMP Number	Pollutant	Reduction
Undetermined		

Add a row

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**Instream Monitoring Program**

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

Is an instream monitoring program currently being proposed?  Yes  No

If Yes, which parameters are monitored and at what frequency?

Parameter	Frequency
TOC	Monthly
pH	Monthly
TSS	Monthly
Ammonia	Monthly
DO	Monthly
Nitrates	Monthly
TKN	Monthly
Chlorophyll	Monthly
Dissolved Solids	Monthly
Metals	Monthly
Phosphorus	Monthly
TOC	Monthly

Add a row

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**Sediment Monitoring**

Is sediment monitoring currently taking place?  Yes  No

**Sample Monitoring of Outfalls**

Is sample monitoring of outfalls currently taking place?  Yes  No

**Other Monitoring**

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

Visual monitoring of Village storm drain system outfalls. Upstream and downstream monthly sampling at the wastewater treatment plant.

### 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)).

Robert Barber

Authorized Representative Name



Authorized Representative Signature

Village Administrator

Title

2/10/2020

Date

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

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

Information required by this form must be provided to comply with 415 ILCS 5/39 (2000). Failure to do so may prevent this form from being processed and could result in your application being denied.