

**ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
 NOTICE OF INTENT FOR NEW OR RENEWAL OF  
 GENERAL PERMIT FOR DISCHARGES FROM  
 SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS  
 (MS4s)**

Input forms in Word format are available via email.  
[terri.lemasters@illinois.gov](mailto:terri.lemasters@illinois.gov)  
 or by calling the Permit Section at 217/782-0610  
 See address for mailing on page 4

For Office Use Only – Permit No. ILR40\_\_\_\_\_

**Part I. General Information**

1. MS4 Operator Name: Village of Beecher

2. MS4 Operator Mailing Address:  
 Street- 724 Penfield Street City- Beecher  
 State- Illinois Zip Code- 60401

3. Operator Type: Village

4. Operator Status: Local

5. Name(s) of Governmental Entity(ies) in which MS4 is located: Beecher

6. Area of land that drains to your MS4 (in square miles): 2.1

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

Latitude: 41 20 55 Longitude: 87 37 03  
DEG. MIN. SEC. DEG. MIN. SEC.

8. Name(s) of known receiving waters: *Attach additional sheets (Attachment 1) as necessary:*

- |                      |           |
|----------------------|-----------|
| 1. <u>Trim Creek</u> | 2. _____  |
| 3. _____             | 4. _____  |
| 5. _____             | 6. _____  |
| 7. _____             | 8. _____  |
| 9. _____             | 10. _____ |

9. Persons Responsible for Implementation/Coordination of Storm Water Management Program:

<u>Name</u>	<u>Title</u>	<u>Telephone No.</u>	<u>Area of Responsibility</u>
<u>Mr. Robert Barber</u>	<u>Village Administrator</u>	<u>708-946-2261</u>	<u>Entire Program</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

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.

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

*(Details of BMP implementation for each checked BMP number, e.g., A.1, E.2, is required in Part IV of this NOI.)*

**A. Public Education and Outreach**

- A.1 Distributed Paper Material
- A.2 Speaking Engagement
- A.3 Public Service Announcement
- A.4 Community Event
- A.5 Classroom Education Material
- A.6 Other Public Education

**B. Public Participation/Involvement**

- B.1 Public Panel
- B.2 Educational Volunteer
- B.3 Stakeholder Meeting
- B.4 Public Hearing
- B.5 Volunteer Monitoring
- B.6 Program Coordination
- B.7 Other Public Involvement

**C. Illicit Discharge Detection and Elimination**

- C.1 Storm Sewer Map Preparation
- C.2 Regulatory Control Program
- C.3 Detection/Elimination Prioritization Plan
- C.4 Illicit Discharge Tracing Procedures
- C.5 Illicit Source Removal Procedures
- C.6 Program Evaluation and Assessment
- C.7 Visual Dry Weather Screening
- C.8 Pollutant Field Testing
- C.9 Public Notification
- C.10 Other Illicit Discharge Controls

**D. Construction Site Runoff Control**

- D.1 Regulatory Control Program
- 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**

- E.1 Community Control Strategy
- E.2 Regulatory Control Program
- E.3 Long Term O&M Procedures
- E.4 Pre-Const Review of BMP Designs
- E.5 Site Inspections During Construction
- E.6 Post-Construction Inspections
- E.7 Other Post-Const Runoff Controls

**F. Pollution Prevention/Good Housekeeping**

- F.1 Employee Training Program
- F.2 Inspection and Maintenance Program
- F.3 Muni Operations Storm Water Control
- F.4 Municipal Operations Waste Disposal
- F.5 Flood Management/Assess Guidelines
- F.6 Other Municipal Operations Controls

## Part III. Qualifying Local Programs

*Attach additional sheets (Attachment 2) as necessary:*

*(Describe any qualifying local programs that your MS4 has implemented or will propose to implement)*

### 1. Public Education and Outreach:

### 2. Public Participation/Involvement:

#### **BMP B.2 – Trim Creek Clean-Up**

The Village of Beecher and the Beecher School District Agriculture 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.

#### **BMP No. B7 Trim Creek Watershed Planning Project**

The Village began working with the Trim Creek Watershed Planning Project in May of 2005. This is a coalition organized and administered by three environmental groups (Openlands Project, the Campaign for Sensible Growth, and the Metropolitan Planning Council) that brings together the Village of Beecher, the Village of Grant Park, Kankakee County, Will County, drainage districts, and other stakeholders in the Trim Creek Watershed. The group's goals are to develop a watershed plan that will protect Trim Creek by promoting sustainable and sensible development. The group's activities this year have included sampling to determine the health of Trim Creek, educating the group on various Best Management Practices, a workshop to involve and educate the public, and the development of a draft Watershed Management Plan. The group holds monthly meetings that are attended by Village Administrator, the mayor, the Village Engineer, several teachers at the Village high school, and various local residents. The Village has been working actively to promote conservation design and protection of the creek in a number of subdivisions proposed along Trim Creek. The Village will continue to participate in this group and will work to improve the health of Trim Creek and sustain its health during development.

### 3. Illicit Discharge Detection and Elimination:

#### **BMP C.1 – Storm Sewer Atlas**

The Village of Beecher has a digital storm sewer atlas that includes all existing outfalls, receiving waters, and storm sewer pipes. The atlas is updated as new developments are added to the Village. The Village will continue to update their storm sewer atlas as new developments are constructed in the Village.

#### **4. Construction Site Runoff Control:**

##### **BMP No. D1/D2/D3/D4/D6 – Soil Erosion and Sediment Control Ordinance Amendments**

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.

#### **5. Post-Construction Runoff Control:**

##### **BMP No. E2/E3/E5/E6 – 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.

#### **6. Pollution Prevention/Good Housekeeping:**

##### **BMP F.4 - Municipal Operations Waste Disposal**

The Village of Beecher transports used vehicle oil to a local service station for recycling. The Village will continue to recycle used oil.

**Part IV. Measurable Goals (include shared responsibilities) implemented by the MS4 in the past 5 years. Also, describe new goals proposed to be implemented by the MS4.**

*Attach additional sheets (Attachment 3) as necessary*

*(BMP No. should match that checked in Part II of this NOI. The applicant may repeat the same BMP No. where more than one BMP of similar type is to be implemented. Where necessary, attach additional sheets to provide more detail on each specific BMP.)*

**BMP No. A1**

**Brief Description of BMP: Resident and Business Newsletter Articles – Storm Water Pollution Prevention**

The Village of Beecher 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 Goal(s), including frequencies:** Publish storm water articles in Village newsletter semi-annually.

**Milestones: Year 1 ('03-'04):**

**Year 2 ('04-'05):** Create or acquire newsletter articles.

**Year 3 ('05-'06):** Begin semi-annual publication of articles in newsletter.

**Year 4 ('06-'07):** Continue annual publication of newsletter articles.

**Year 5 ('07-'08):** Continue annual publication of newsletter articles.

**Years 6-10 ('08-'13):** Continue semi-annual publication of newsletter articles.

**BMP No. B7**

**Brief Description of BMP: Public Reporting**

The Village of Beecher will provide a contact number at the Village that residents can call to report storm water related issues, including ordinance violations, construction site soil/erosion control violations, maintenance issues, and illicit discharges. The Village will develop and implement procedures for consideration of this information. This BMP will comply with all applicable State and local public notice requirements.

**Measurable Goal(s), including frequencies:** Inform all residents of the existence of a contact number in the existing residential newsletter.

**Milestones: Year 1 ('03-'04):**

**Year 2 ('04-'05):** Establish contact number for resident reporting and publish contact number in resident newsletter. Develop and implement procedures for consideration of this information by the Village.

**Year 3 ('05-'06):** Publish contact number in resident newsletter.

**Year 4 ('06-'07):** Publish contact number in resident newsletter.

**Year 5 ('07-'08):** Publish contact number in resident newsletter.

**Years 6-10 ('08-'13):** Publish contact number in resident newsletter.

## **BMP No. C2**

### **Brief Description of BMP: Illicit Discharge Detection and Elimination Ordinance Amendment**

The existing Subdivision Ordinance No. 789 was amended by the Village Board in November of 2006. 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 Goal(s), including frequencies:** Adopt and implement ordinance amendment by January 1, 2008.

**Milestones: Year 1 ('03-'04):**

**Year 2 ('04-'05):** Draft Illicit Discharge Detection and Elimination Ordinance Amendment.

**Year 3 ('05-'06):** Adopt Illicit Discharge Detection and Elimination Ordinance Amendment.  
Full implementation of Illicit Discharge Detection and Elimination Ordinance Amendment.

**Year 4 ('06-'07):** Full implementation of Illicit Discharge Detection and Elimination Ordinance Amendment.

**Year 5 ('07-'08):** Full implementation of Illicit Discharge Detection and Elimination Ordinance Amendment.

**Years 6-10 ('08-'13):** Full implementation of Illicit Discharge Detection and Elimination Ordinance Amendment.

## **BMP No. C4**

### **Brief Description of BMP: Illicit Discharge Tracing Procedures**

In Year 2 the Village developed procedures for tracing illicit discharges identified through a dry-weather screening program, regular storm sewer maintenance, and from public reporting. In Year 4 the Village began implementing the tracing program for all discharges identified. Efforts to locate illicit discharges will be documented.

**Measurable Goal(s), including frequencies:** Investigate all illicit discharges identified. Document Village efforts in tracing illicit discharges.

**Milestones: Year 1 ('03-'04):**

**Year 2 ('04-'05):** Develop tracing procedures for illicit discharges.

**Year 3 ('05-'06):**

**Year 4 ('06-'07):** Implement tracing program for all discharges identified.

**Year 5 ('07-'08):** Continue tracing program for all discharges identified.

**Years 6-10 ('08-'13):** Continue tracing program for all discharges identified.

## **BMP No. C5**

### **Brief Description of BMP: Illicit Discharge Removal Procedures**

In Year 4 the Village of Beecher developed procedures for removing illicit discharges identified through the illicit discharge tracing program. In Year 5 the Village began full implementation of illicit discharge removal procedures. The Village will continue to implement illicit discharge removal procedures.

**Measurable Goal(s), including frequencies:** Disconnect any illicit discharge source that can be identified through the tracing program.

**Milestones: Year 1 ('03-'04):**

**Year 2 ('04-'05):** Establish regulatory framework needed to enforce illicit discharge removal.

**Year 3 ('05-'06):** Draft illicit discharge removal procedures.

**Year 4 ('06-'07):** Adopt illicit discharge removal procedures.

**Year 5 ('07-'08):** Full implementation of illicit discharge removal procedures.

**Years 6-10 ('08-'13):** Full implementation of illicit discharge removal procedures.

## **BMP No. C7**

### **Brief Description of BMP: Visual Dry Weather Screening Program**

In Year 3 the Village developed a program to conduct 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 with approximately 95% of structures screened over a four year cycle.

**Measurable Goal(s), including frequencies:** Annual screening of all outfalls. Screening of 95% of storm structures over a four year cycle.

**Milestones: Year 1 ('03-'04):**

**Year 2 ('04-'05):** Develop outfall and structure screening procedures.

**Year 3 ('05-'06):** Identify all storm water outfalls along Trim Creek.

**Year 4 ('06-'07):** Implement outfall screening and implement structure screening during routine maintenance.

**Year 5 ('07-'08):** Continue outfall screening and implement structure screening during routine maintenance.

**Years 6-10 ('08-'13):** Continue outfall screening and implement structure screening during routine maintenance.

## **BMP No. F1**

### **Brief Description of BMP: Employee Training Program**

The Village currently conducts employee training for municipal operations and safety. A formal 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 will address 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 will address ways that flood management projects impact water quality, nonpoint source pollution control, and aquatic habitat. This program will also address the hazards associated with illegal discharges and improper disposal of waste.

**Measurable Goal(s), including frequencies:** Conduct annual employee training to educate staff on prevention and reduction of storm water pollution from municipal activities.

**Milestones: Year 1 ('03-'04):**

**Year 2 ('04-'05):** Develop training program goals and guidelines.

**Year 3 ('05-'06):** Develop training program and train employees.

**Year 4 ('06-'07):** Continue employee training program.

**Year 5 ('07-'08):** Continue employee training program.

**Years 6-10 ('08-'13):** Continue employee training program.

## **BMP No. F2**

### **Brief Description of BMP: Inspection and Maintenance Program**

The Village of Beecher currently conducts a regular inspection and maintenance program designed to reduce pollutant runoff from municipal operations. This program includes: the sweeping of all Village streets at least twice per year, jetting storm sewers as needed, cleaning catch basins on approximately a seven year cycle, inspecting catch basins after large storms, regrading ditches as needed approximately every 10 years, and mowing and maintaining three dry bottom detention ponds. In Year 3, the Village began a program to clean storm sewers and vector catch basins in one-quarter of the Village each year for the next four years. This maintenance program will be formalized and evaluated on a biennial basis to determine its effectiveness.

**Measurable Goal(s), including frequencies:** Biennial review of program to determine effectiveness.

**Milestones: Year 1 ('03-'04):** Evaluate existing inspection and maintenance program.

**Year 2 ('04-'05):** Modify existing program as needed and formalize.

**Year 3 ('05-'06):** The Village has begun a program to clean storm sewers and vector catch basins in one-quarter of the Village each year for the next four years.

**Year 4 ('06-'07):** Evaluate effectiveness of inspection and maintenance program.

**Year 5 ('07-'08):**

**Year 6 ('08-'09):** Evaluate effectiveness of inspection and maintenance program.

**Year 7 ('09-'10):**

**Year 8 ('10-'11):** Evaluate effectiveness of inspection and maintenance program.

**Year 9 ('11-'12):**

**Year 10 ('12-'13):** Evaluate effectiveness of inspection and maintenance program.

**BMP No. F3**

**Brief Description of BMP: Municipal Pollution Prevention Program**

The Village of Beecher currently has many operational policies designed to prevent storm water pollution associated with municipal operations. Road salt is stored in a building covered on three sides by permanent walls. The fourth side of the building is covered by a tarp when the road salt is not being loaded or unloaded. The salt storage building rests on an asphalt pad and the surrounding area is diked to prevent salt from running off the site. 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.

In Year 2 the existing policies described above were incorporated into a formal Municipal Pollution Prevention Program. This program will be evaluated on a biennial basis to determine its effectiveness and modified as necessary.

**Measurable Goal(s), including frequencies:** Biennial review of program to determine effectiveness.

- Milestones:**
- Year 1 ('03-'04):** Evaluate existing policies relating to municipal pollution prevention.
  - Year 2 ('04-'05):** Formalize existing policies into Municipal Pollution Prevention Plan.
  - Year 3 ('05-'06):**
  - Year 4 ('06-'07):** Evaluate effectiveness of Municipal Pollution Prevention Plan.
  - Year 5 ('07-'08):**
  - Year 6 ('08-'09):** Evaluate effectiveness of Municipal Pollution Prevention Plan.
  - Year 7 ('09-'10):**
  - Year 8 ('10-'11):** Evaluate effectiveness of Municipal Pollution Prevention Plan.
  - Year 9 ('11-'12):**
  - Year 10 ('12-'13):** Evaluate effectiveness of Municipal Pollution Prevention Plan.

## Part V. 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 gather and evaluate 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 fine and imprisonment.

Authorized Representative Name and Title

Signature

Date

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**Mail completed form to:**

**ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
DIVISION OF WATER POLLUTION CONTROL  
ATTN: PERMIT SECTION  
POST OFFICE BOX 19276  
SPRINGFIELD, ILLINOIS 62794-9276**