

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

Input forms in Word format are available
by via email.
marilyn.davenport@epa.state.il.us
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 Bradley

2. MS4 Operator Mailing Address:
Street- 147 S Michigan City- Bradley
State- IL Zip Code- 60915

3. Operator Type: Village

4. Operator Status: Local

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

6. Area of land that drains to your MS4 (in square miles): 2.25 Sq Miles (Soldier Creek Watershed)

5. Latitude/Longitude at approximate geographical center of MS4 for which you are requesting authorization to discharge:
Latitude: 41 09 03N Longitude: 87 51 60W
DEG. MIN. SEC. DEG. MIN. SEC.

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

1. <u>Soldier Creek</u>	2. <u>Kankakee River</u>
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>TelephoneNo.</u>	<u>Area of Responsibility</u>
<u>Scott Williams</u>	<u>Sup. of Dept.</u>	<u>815-932-2125</u>	<u>Building Standards and Utilities</u>
<u>Bob Cullins</u>	<u>Sup. of Dept.</u>	<u>_____</u>	<u>_____</u>
<u>Jim Travis</u>	<u>Sup. of Dept.</u>	<u>815-932-2125</u>	<u>Streets, Alleys, and Public Lands</u>

Part II. Best Management Practices (include shared responsibilities) Proposed to be Implemented in the MS4 Area

(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 you will implement in lieu of new permitting requirements.)

1. Public Education and Outreach:

Over the next two years a general public education and outreach brochure will be created and distributed to all residences and businesses.

2. Public Participation/Involvement:

The public through use of the brochure will be encouraged to monitor and clean the flow paths to the storm water facilities.

3. Illicit Discharge Detection and Elimination:

The Village of Bradley engineers and surveyors continue the progress on a Village GIS system that will include information on all storm structures. Additionally a review of each storm water detention facility will be performed by the Village engineer or required from the owner of the facility if it is owned other than the Village.

4. Construction Site Runoff Control:

The Village of Bradley will continue to implement the existing site regulations, erosion, and sediment control guidance, and site plan review and inspection procedures. The Village engineer will also be performing an annual inspection starting in 2009 of all storm water detention facilities owned by the Village.

5. Post-Construction Runoff Control:

The Village's design standards are being further updated to include some LID and BMP aspects and are expected to be adopted Summer Fall 2009. Construction sites shall be visited during construction and upon project close out to observe and record conditions.

6. Pollution Prevention/Good Housekeeping:

The Village shall continue to provide education and training to employees on standard operations, waste management, and storm water pollution preventions. The Village shall continue periodic observation of a selected part, prepare a public works report for, and plan improvements to the storm water conveyance system.

Part IV. (Continued) Measurable Goals (include shared responsibilities) Proposed to be Implemented by the MS4

Attach additional sheets 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. A.1 / B.4 Distributed Paper / Public Invol

Brief Description of BMP: Brochure will be created and distributed to all residences and businesses encouraging individuals to monitor and clean the flow paths to the storm water facilities.

Measurable Goal(s), including frequencies: Brochure creation, review, and approval, brochure distribution

Milestones: **Year 1:** Create, review and revise brochure.
Year 2: Review, revise, and distribute brochure.
Year 3: Monitor new housing and set up procedure to distribute brochure to all new/relocating residents.
Year 4: Monitor progress and effective ness and revise as necessary.
Year 5: _____

BMP No. B.6 Program Coordination

Brief Description of BMP: Bradley received an award for improving Soldier Creek bank using native vegetation.

Measurable Goal(s), including frequencies: Research new projects

Milestones: **Year 1:** N/A
Year 2: _____
Year 3: _____
Year 4: _____
Year 5: _____

BMP No. C.1 Storm sewer map preparation

Brief Description of BMP: Create Village of Bradley Graphical Information System to map and detail all storm sewer structures and storm water systems.

Measurable Goal(s), including frequencies: Collect and translate information into the GIS software.

Milestones: **Year 1:** Continue to collect and collaborate information into the Village GIS software.
Year 2: Same as year 2.
Year 3: Implement the Village GIS
Year 4: Begin to familiarize the Village GIS with staff.
Year 5: Continues Year 4 and updating system with new or revised developments.

BMP No. _____

Brief Description of BMP: _____

Measurable Goal(s), including frequencies: _____

Milestones: **Year 1:** _____
Year 2: _____
Year 3: _____
Year 4: _____
Year 5: _____

Part IV. Measurable Goals (include shared responsibilities) Proposed to be Implemented by the MS4

Attach additional sheets (Attachment 3) as necessary

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BMP No. C.4 - Illicit Discharge Tracing Procedures

Brief Description of BMP: Screening the storm water system to identify possible illicit discharges at outfalls and sample these outfalls

Measurable Goal(s), including frequencies: periodic outfall visit

Milestones: **Year 1:** visit outfalls monthly
Year 2: ""
Year 3: ""
Year 4: ""
Year 5: ""

BMP No. C.5 - Illicit Discharge Removal Procedures

Brief Description of BMP: Notify Illicit discharger and direct correction of problem

Measurable Goal(s), including frequencies: Record of illicit discharges that have been corrected

Milestones: **Year 1:** Notify and Correct
Year 2: ""
Year 3: ""
Year 4: ""
Year 5: ""

BMP No. C.9 - Public Notification

Brief Description of BMP: Notify Public of revised design standards and illicit discharge tracing and removal program and encourage reporting of illicit discharge

Measurable Goal(s), including frequencies: Document voluntary compliance and public reporting of illicit discharge

Milestones: **Year 1:** Include Illicit Discharge information in Brochure A.1 see A.1
Year 2: ""
Year 3: ""
Year 4: ""
Year 5: ""

BMP No. D.1 & D.2 & E.2

Brief Description of BMP: Update Existing design standards to include LID and BMP aspects

Measurable Goal(s), including frequencies: Revise ordinance to be adopted by Village

Milestones: **Year 1:** Draft and adopt revised ordinance
Year 2: N/A
Year 3: Review / Research / Revise
Year 4: Draft and Adopt revisions
Year 5: N/A

Part IV. (Continued) Measurable Goals (include shared responsibilities) Proposed to be Implemented by the MS4

Attach additional sheets as necessary

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BMP No. D.4 & E.4 Site Plan / Pre Const. Review

Brief Description of BMP: Review site plans to confirm compliance with control and standard ordinance

Measurable Goal(s), including frequencies: Implementation of review aids and documentation of plan review

Milestones: **Year 1:** review site plans
Year 2: ""
Year 3: ""
Year 4: ""
Year 5: ""

BMP No. D.6 & E.5 Site Inspection / Enforcement

Brief Description of BMP: Periodic visits to construction sites to confirm BMPs are in place, provide additional guidance and education, issue warnings, and asses penalties

Measurable Goal(s), including frequencies: Keep log recording site visits and conditions of BMPs

Milestones: **Year 1:** Continue existing site visit regime
Year 2: ""
Year 3: ""
Year 4: ""
Year 5: ""

BMP No. E.3 - Long Term O&M Procedures

Brief Description of BMP: Conduct annual visits and maintenance on detention facilities with native plantings and on all structural aspects and outlet devices.

Measurable Goal(s), including frequencies: Annual checklist performed on detention facilities.

Milestones: **Year 1:** Observe conditions of native plantings by consultant, observe structural/outlet aspects by eng.
Year 2: ""
Year 3: ""
Year 4: ""
Year 5: ""

BMP No. E.6 Post Construction Inspections

Brief Description of BMP: Annual site visit and reporting

Measurable Goal(s), including frequencies: Proper care and maintenance of post construction control facilities.

Milestones: **Year 1:** Annual site visits
Year 2: ""
Year 3: ""
Year 4: ""
Year 5: ""

Part IV. (Continued) Measurable Goals (include shared responsibilities) Proposed to be Implemented by the MS4

Attach additional sheets 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. F.1 - Employee Training Program

Brief Description of BMP: Train public works employees to recognize site construction BMP's and good house keeping techniques

Measurable Goal(s), including frequencies: Employees are trained to recognize failing sediment control measures and are performing property open space, fleet, and building maintenance

Milestones: **Year 1:** Traininig
Year 2: N/A
Year 3: Training
Year 4: N/A
Year 5: Training

BMP No. F.2 - Inspection and Maintenance

Brief Description of BMP: Periodic observation of stormwater conveyance system to report deficiencies and prioritize improvements

Measurable Goal(s), including frequencies: Define schedule for regular observation of the storm water conveyance system. Observe entire system every five years (1/5 of system per year)

Milestones: **Year 1:** Observe 1/5 of system, prepare public works report & plan improvements
Year 2: ""
Year 3: ""
Year 4: ""
Year 5: ""

BMP No. F.3 -Muni Operations Storm Water Control

Brief Description of BMP: Create operation plan to minimize discharge of sediment and pollutants from village streets, parks, and facilities

Measurable Goal(s), including frequencies: Reduced granular sediment at outfalls

Milestones: **Year 1:** Regular street sweeping and Inlet clean out.
Year 2: ""
Year 3: ""
Year 4: ""
Year 5: ""

BMP No. F.5 - Flood Management/Assess Guideline

Brief Description of BMP: Continue meeting requirements for National Flood Insurance Program (NFIP) community Update Flood Maps as necessary

Measurable Goal(s), including frequencies: Maintain NFIP community status. Keep updated maps on file.

Milestones: **Year 1:** Update and Review maps as presented by map modernization team from FEEMA
Year 2: Update floodplain ordinances and approve maps as presented by map modernization team.
Year 3: Update Village files as projects are proposed.
Year 4: ""
Year 5: ""

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

MAYOR BRUCE ADAMS

Bruce W. Adams

6/9/10

Mail completed form to:

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