

Date: May 4, 2016

To: Illinois Environmental Protection Agency
Division of Water Pollution Control
Permit Section
P.O. Box 19276
Springfield, IL 62794-9276

Email: epa.ms4annualinsp@illinois.gov

Re: Village of Bradley – Municipal Separate Storm Sewer System
NPDES Permit No. IL400300 Annual Report

Enclosed is the Annual Inspection Report as required for the referenced NPDES permit.

The selected BMPs submitted with our application continue to be appropriate in addressing the six (6) minimum control measures. Also enclosed are:

- 2016 report on status of identified measurable goals indicating that the Village's progress with the milestones as submitted in the Village's NOI to comply with General NPDES Permit No ILR40
- Copy of BMPs and Measurable Goals as submitted with NOI (Appendix A)

Please feel free to call me if you have any questions or require additional information.

Sincerely,
M. GINGERICH GEREAX & ASSOCIATES


JOEL GREER P.E.

Enclosures

Cc: Al Gonzalez (via email)

ENGINEERING • PLANNING • SURVEYING



Illinois Environmental Protection Agency

Bureau of Water • 1021 N. Grand Avenue E. • P.O. Box 19276 • Springfield • Illinois • 62794-9276

Division of Water Pollution Control ANNUAL FACILITY INSPECTION REPORT

for NPDES Permit for Storm Water Discharges from Separate Storm Sewer Systems (MS4)

This fillable form may be completed online, a copy saved locally, printed and signed before it is submitted to the Compliance Assurance Section at the above address. Complete each section of this report.

Report Period: From March, 2015 To March, 2016

Permit No. ILR40 0300

MS4 OPERATOR INFORMATION: (As it appears on the current permit)

Name: Village of Bradley Mailing Address 1: 147 South Michigan
Mailing Address 2: _____ County: Kankakee
City: Bradley State: IL Zip: 60915 Telephone: 815-932-2125
Contact Person: James Bessler Email Address: jbessler@thevillageofbradley.com
(Person responsible for Annual Report)

Name(s) of governmental entity(ies) in which MS4 is located: (As it appears on the current permit)

Village of Bradley Kankakee County
Bourbonnais Township Kankakee Township

THE FOLLOWING ITEMS MUST BE ADDRESSED.

A. Changes to best management practices (check appropriate BMP change(s) and attach information regarding change(s) to BMP and measurable goals.)

- | | | | |
|--|-------------------------------------|---|-------------------------------------|
| 1. Public Education and Outreach | <input checked="" type="checkbox"/> | 4. Construction Site Runoff Control | <input type="checkbox"/> |
| 2. Public Participation/Involvement | <input type="checkbox"/> | 5. Post-Construction Runoff Control | <input type="checkbox"/> |
| 3. Illicit Discharge Detection & Elimination | <input type="checkbox"/> | 6. Pollution Prevention/Good Housekeeping | <input checked="" type="checkbox"/> |

B. Attach the status of compliance with permit conditions, an assessment of the appropriateness of your identified best management practices and progress towards achieving the statutory goal of reducing the discharge of pollutants to the MEP, and your identified measurable goals for each of the minimum control measures.

C. Attach results of information collected and analyzed, including monitoring data, if any during the reporting period.

D. Attach a summary of the storm water activities you plan to undertake during the next reporting cycle (including an implementation schedule.)

E. Attach notice that you are relying on another government entity to satisfy some of your permit obligations (if applicable).

F. Attach a list of construction projects that your entity has paid for during the reporting period.

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))


Owner Signature:
Michael Gingerich
Printed Name:

4/4/2016
Date:
Village Engineer
Title:

EMAIL COMPLETED FORM TO: epa.ms4annualinsp@illinois.gov

or Mail to: ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
WATER POLLUTION CONTROL
COMPLIANCE ASSURANCE SECTION #19
1021 NORTH GRAND AVENUE EAST
POST OFFICE BOX 19276
SPRINGFIELD, ILLINOIS 62794-9276



Item "A"

"Changes to Best Management Practices" The following BMP's were changed as described below for the Year 2 Milestones from the Notice of Intent.

- A.1: The Village budget did not allow for mailings to residents. Packets are made available at Village offices.
- A.2: Presentation documents to be updated with new permit requirements for presentation.
- F.2: The Village budget does not allow for proactively observing storm sewer. If issues are discovered video is used to isolate locations.

Item "B"

"Status of compliance with permit conditions, an assessment of the appropriateness of your identified best management practices and progress towards achieving the statutory goal of reducing the discharge of pollutants to the MEP, and your identified measurable goals for each of the minimum control measures."

A. PUBLIC EDUCATION AND OUTREACH

- A.1: This past year the Village building department staff distributed SWPPP information packets with building permits.

B. PUBLIC PARTICIPATION/ INVOLVEMENT

- B.4: Presentation documents to be completed and updated with new permit requirements, presentation to planning commission planned for 2017
- B.6: No particular organization was recognized for reducing pollutants in storm water runoff.

C. ILLICIT DISCHARGE DETECTION AND ELIMINATION

- C.1: The Village continues to conduct field surveys to verify the storm sewer facility locations and update outfall map and inspection locations as needed.
- C.2: No revisions to ordinances completed last year.
- C.4: Outfalls were visited twice this past year.
- C.9: See section A.1.



**D. CONSTRUCTION SITE RUNOFF CONTROL /
E. POST CONSTRUCTION RUNOFF CONTROLS**

D.2. / E.2: No Revisions have been made, review as necessary and continue.

D.4. / E.4: Plans were reviewed for conformance to the erosion control and standard ordinances.

D.6. / E.5: Periodic visits were conducted at sites to observe proper BMPs were in place, guidance and education was given as needed.

E.3: The 2015 annual site visits of scheduled detention facilities was conducted and reports completed. Ecologist worked on adding diverse plant species, herbicide invasive species, and further extend native plantings.

E.6: Annual site visits of existing construction sites were conducted. Any deficiencies were reported and forwarded to the owners.

F. POLLUTION PREVENTION/ GOOD HOUSE KEEPING

F.1: Employees have continued training to recognize site construction conditions with inadequate controls. Employees have been performing any necessary maintenance.

F.2: If issues are discovered video is used to isolate locations. Manhole observations are done each year for a portion of the sanitary and storm sewer systems.

F.3: The Village has continued regular street sweeping and inlet clean out operations.

F.5. The NFIP maps have been updated. Village records will be updated as projects are proposed.

Item "C"

"Results of information collected and analyzed, including monitoring data, if any during the reporting period".

N/A - no monitoring data was collected



Item "D"

"Summary of the storm water activities you plan to undertake during the next reporting cycle (including implementation schedule)."

The General NPDES Permit has been reissued with significant changes. The Village will be updating their BMP's to reflect these changes. A new Notice of Intent will be submitted to IEPA for approval.

Item "E"

"Notice that you are relying on another government entity to satisfy some of your permit obligations".

N/A

Item "F"

"List of construction projects that your entity has paid for during the reporting period."

- 1. Annual MFT road maintenance (road overlay, curb, and sidewalk repairs)**
 - 2. Various small sewer and drainage projects.**
 - 3. Various small street/sidewalk repairs.**
 - 4. Various minor sidewalk and curb replacements (50/50 program).**
-

APPENDIX "A"



5/4/2016

2014 Notice of Intent :
(Best Management Practices
And
Measurable Goals)



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 Bradley

2. MS4 Mailing Address: 147 S. Michigan Avenue

City: Bradley State: IL

3. Operator Type: Village Other: _____

4. Operator Status: Local Other: _____

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

Village of Bradley Bourbonnais Township
Kankakee County

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

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

Latitude: 41 09 03N Longitude: 87 51 60W
Degrees Minutes Seconds Degrees Minutes Seconds

8. Name(s) of known receiving waters

Soldier Creek Kankakee River

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

Name: Jim Bessler Title: Public Works Superintendent Phone: 815-933-3715

Area of Responsibility: Village Utilities, Streets, Alleys, Public Lands

Name: Nicholas Weinert Title: Director of Building Standards Phone: 815-933-5068

Area of Responsibility: Building Standards, Site Inspection

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:

Distribute Storm Water Pollution Prevention brochures

Measurable Goals (include shared responsibilities)

- A.1 Distributed Paper Material

Brief Description of BMP:

Storm Water Pollution Prevention brochures will be made available at Village offices and distributed with building permits. The Village will mail brochures bi-annually with sewer bills.

Measurable Goals, including frequencies:

Track how many brochures are distributed, and how often mailings occur

Milestones:

Go to Additional Pages

Year 1:

Track number of brochures distributed from Village offices (no mailing)

Year 2:

Mail brochures to residents, track number of brochures distributed

Year 3:

Track number of brochures distributed from Village offices (no mailing)

Year 4:

Mail brochures to residents, track number of brochures distributed

Year 5:

Track number of brochures distributed from Village offices (no mailing)

- 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

Measurable Goals (include shared responsibilities)

Qualifying Local Programs:

Presentation at public meeting describing Village's MS4 Program requirements and goals. Identify organizations that implement actions to reduce pollutants

B.2 Educational Volunteer

B.3 Stakeholder Meeting

B.4 Public Hearing

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

Brief Description of BMP:

Present background of MS4 program, Village requirements and goals to officials at public meeting.

Measurable Goals, including frequencies:

Give presentation at public meeting every third year

Milestones:

Year 1:

Update Presentation

Year 2:

Give Presentation

Year 3:

Gather input, revise presentation

Year 4:

Gather input, revise presentation

Year 5:

Give Presentation

Go to Additional Pages

B.5 Volunteer Monitoring

B.6. Program Involvement

B.7 Other Public Involvement

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

Brief Description of BMP:

Identify organizations that implement actions to reduce pollutants

Measurable Goals, including frequencies:

Record actions taken by organizations, recognize actions with formal notice of appreciation or proclamation by the Village Board.

Milestones:

Year 1:

Identify organizations, create record of activities

Year 2:

Recognize organizations, track number of organizations recognized

Year 3:

Identify organizations, create record of activities

Year 4:

Recognize organizations, track number of organizations recognized

Year 5:

Identify organizations, create record of activities

Go to Additional
Pages

C. Illicit Discharge Detection and Elimination

Qualifying Local Programs:

Update sewer map. Ordinance prohibiting non-storm water discharges. Screen outfalls for illicit discharges

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:

Update sewer map as needed, identify unmapped or unidentified outfalls

Measurable Goals, including frequencies:

Update map with new outfalls, track unmapped or unidentified outfalls

Milestones:

Year 1:

Update map with new outfalls, record missing outfalls

Year 2:

Update map with new outfalls, record missing outfalls

Year 3:

Update map with new outfalls, record missing outfalls

Year 4:

Update map with new outfalls, record missing outfalls

Year 5:

Update map with new outfalls, record missing outfalls

Go to Additional Pages

C.2 Regulatory Control Program

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

Brief Description of BMP:

Ordinance in place for illicit discharges, update and revise as necessary

Measurable Goals, including frequencies:

Review and update ordinance to address discharges as needed

Milestones:

Year 1:

Review and update ordinance

Year 2:

Review and update ordinance

Year 3:

Review and update ordinance

Year 4:

Review and update ordinance

Year 5:

Review and update ordinance

Go to Additional Pages

- C.3 Detection/Elimination Prioritization Plan
- C.4 Illicit Discharge Tracing Procedures (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Observing storm sewer outfalls to identify possible illicit discharges

Measurable Goals, including frequencies:

observe all outfalls in village annually

Milestones:

Year 1:

observe outfalls

Year 2:

observe outfalls

Year 3:

observe outfalls

Year 4:

observe outfalls

Year 5:

observe outfalls

Go to Additional Pages

- 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

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

Brief Description of BMP:

Include information regarding public of hazards associated with illegal discharges in brochure.

Measurable Goals, including frequencies:

Distribute brochure (See A.1)

Milestones:

Year 1:

Mail brochures to residents

Year 2:

Revise brochure as needed

Year 3:

Mail brochures to residents

Year 4:

Revise brochure as needed

Year 5:

Mail brochures to residents

Go to Additional Pages

C.10 Other Illicit Discharge Controls

D. Construction Site Runoff Control

Measurable Goals (include shared responsibilities)

Qualifying Local Programs:

D.1 Regulatory Control Program

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:

Village ordinances require the use of BMP's for construction sites

Measurable Goals, including frequencies:

Update ordinances and design standards to follow current BMP's

Milestones:

Year 1:

Review and revise ordinances and design standards

Year 2:

n/a

Year 3:

Year 4:

n/a

Year 5:

Review and revise ordinances and design standards

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:

Review site plans to confirm compliance with ordinances and storm water controls. Complete site review checklist to ensure

Measurable Goals, including frequencies:

document number of plan reviews completed

Milestones:

Year 1:

complete checklist for reviews, record number of sites reviewed

Year 2:

complete checklist for reviews, record number of sites reviewed

Year 3:

complete checklist for reviews, record number of sites reviewed

Year 4:

complete checklist for reviews, record number of sites reviewed

Year 5:

complete checklist for reviews, record number of sites reviewed

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:

Visit construction sites to confirm BMP's are in place, provide additional guidance and education, issue warnings, or asses penalties.

Measurable Goals, including frequencies:

Keep log records of site visits and the condition of BMP's at each site.

Milestones:

Year 1:

complete site visit log

Year 2:

complete site visit log

Year 3:

complete site visit log

Year 4:

complete site visit log

Year 5:

complete site visit log

Go to Additional
Pages

D.7 Other Construction Site Runoff Controls

E. Post-Construction Runoff Control

Qualifying Local Programs:

Measurable Goals (include shared responsibilities)

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

Brief Description of BMP:

Update existing design standards to include low impact design (LID) and best management practice (BMP) aspects

Measurable Goals, including frequencies:

track revisions to design standards

Milestones:

Year 1:

Review and revise design standards

Year 2:

n/a

Year 3:

Review and revise design standards

Year 4:

n/a

Year 5:

Review and revise design standards

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)

Conduct visits to all detention facilities. Ecologist will observe ponds annually and maintain native plantings . Engineer will observe 1/3 of ponds each year for deficiencies in structural and outlet control aspects of pond.

Measurable Goals, including frequencies:

Complete checklist for engineers observation. Complete Ecologist report.

Milestones:

Year 1:

Record site visits

Year 2:

Record site visits

Year 3:

Record site visits

Year 4:

Record site visits

Year 5:

Record site visits

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:

Review site plans to confirm compliance with ordinances and storm water controls. Complete site review checklist to ensure

Measurable Goals, including frequencies:

document number of plan reviews completed

Milestones:

Year 1:

complete checklist for reviews, record number of sites reviewed

Year 2:

complete checklist for reviews, record number of sites reviewed

Year 3:

complete checklist for reviews, record number of sites reviewed

Year 4:

complete checklist for reviews, record number of sites reviewed

Year 5:

complete checklist for reviews, record number of sites reviewed

Go to Additional Pages

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

Brief Description of BMP:

Visit construction sites to confirm BMP's are in place, provide additional guidance and education, issue warnings, or asses penalties.

Measurable Goals, including frequencies:

Keep log records of site visits and the condition of BMP's at each site.

Milestones:

Year 1:

complete site visit log

Year 2:

complete site visit log

Year 3:

complete site visit log

Year 4:

complete site visit log

Year 5:

complete site visit log

[Go to Additional Pages](#)

E.6 Post-Construction Inspections

Brief Description of BMP:

Proper care and maintenance of post construction control facilities

Measurable Goals, including frequencies:

Annual site visit and reporting

Milestones:

Year 1:

record annual site visits

Year 2:

record annual site visits

Year 3:

record annual site visits

Year 4:

record annual site visits

Year 5:

record annual site visits

[Go to Additional Pages](#)

E.7 Other Post-Construction Runoff Controls

F. Pollution Prevention/Good Housekeeping
Measurable Goals (include shared responsibilities)

Qualifying Local Programs:

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

Brief Description of BMP:

Train public works employees to recognize site construction BMP's and good house keeping techniques. Employees are trained to recognize failing sediment control measures and perform open space, fleet and building maintenance.

Measurable Goals, including frequencies:

Record frequency of training

Milestones:

Year 1:

Training

Year 2:

n/a

Year 3:

Training

Year 4:

n/a

Year 5:

Training

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:

Observe storm water conveyance system to report deficiencies and prioritize improvements.

Measurable Goals, including frequencies:

Observe entire system over five years Record any repairs completed.

Milestones:

Year 1:

Observe 1/5 of system, plan and record repairs

Year 2:

Observe 1/5 of system, plan and record repairs

Year 3:

Observe 1/5 of system, plan and record repairs

Year 4:

Observe 1/5 of system, plan and record repairs

Year 5:

Observe 1/5 of system, plan and record repairs

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:

Create operation plan to minimize discharge of sediment and pollutants from village streets, parks, and facilities.

Measurable Goals, including frequencies:

weekly schedule for street cleaning, inlet clean out, and leaf pickup

Milestones:

Year 1:

complete scheduled cleanups

Year 2:

complete scheduled cleanups

Year 3:

complete scheduled cleanups

Year 4:

complete scheduled cleanups

Year 5:

complete scheduled cleanups

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)

Continue meeting requirements for National Flood Insurance Program (NFIP) community. Update Flood Maps as necessary.

Measurable Goals, including frequencies:

Maintain NFIP community status. Keep records of updated maps.

Milestones:

Year 1:

Update Village files as projects are proposed

Year 2:

Update Village files as projects are proposed

Year 3:

Update Village files as projects are proposed

Year 4:

Update Village files as projects are proposed

Year 5:

Update Village files as projects are proposed

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)).

Michael Gingerich PhD, P.E.

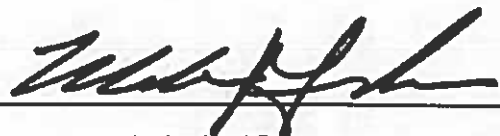
Village Engineer

7/10/14

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