



National Pollutant Discharge Elimination System

Village of Bradley

Storm Water Management Program Overview

General NPDES Permit
For
Discharges from Small Municipal Separate Storm Sewer Systems
(General NPDES Permit No. ILR40)

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Introduction

The Illinois Environmental Protection Agency requires communities such as the Village of Bradley to complete a General NPDES Permit No. ILR40 (commonly referred to as MS4 Permit). The MS4 permit authorizes the Village to discharge to surface waters of the state. Allowable discharges include:

Water line flushing	Foundation drains	Storm sewer flushing
Hydrant flushing	A.C. condensate	Individual car washing
Irrigation water	Springs	Flows from wetlands
Rising ground water	Crawl space pumps	Swim pool discharge
Ground water infiltration	Footing drains	(dechlorinated)
Pumped ground water	Building washing	Street wash water
Potable water Discharges	(No detergent used)	Fire fighting activities

The MS4 permit has two parts, the Notice of Intent (NOI) and the Annual Inspection Report. The NOI must to be submitted to the IEPA every five years and detail the five year Storm Water Management Program using six different categories of Best Management Practices (BMP's). BMP's include the following:

- A. Public Education and Outreach
- B. Public Participation/Involvement
- C. Illicit Discharge Detection and Elimination
- D. Construction Site Runoff Control
- E. Post-Construction Runoff Control
- F. Pollution Prevention/Good Housekeeping

The current five year plan runs from April 2016 to April 2021. An Annual Inspection report must be submitted to the IEPA that reviews the Storm Water Management Program and discusses the progress of the BMP's included in the five year plan.

Purpose

The purpose of this plan overview is to inform the public of BMP's the Village is currently using and collect feedback.

Current Best Management Practices List

- A. Public Education and Outreach
 - A.1) Distributed Paper Material

- B. Public Participation/Involvement
 - B.4) Public Hearing
 - B.6) Program Coordination

- C. Illicit Discharge Detection and Elimination
 - C.1) Storm Sewer Map Preparation
 - C.2) Regulatory Control Program
 - C.4) Illicit Discharge Tracing Procedures

- D. Construction Site Runoff Control
 - D.2) Erosion and Sediment Control BMP's
 - D.4) Site Plan Review Procedures

- E. Post-Construction Runoff Control
 - E.2) Regulatory Control Program
 - E.3) Long Term O&M Procedures
 - E.4) Pre-Construction Review of BMP Design
 - E.5) Site Inspections During Construction

- F. Pollution Prevention/Good Housekeeping
 - F.1) Employee Training Program
 - F.3) Municipal Operations Storm Water Control

Public Education and Outreach – A.1 Distribute Paper Material

Brief Description: The Village will provide educational brochure describing the impacts of storm water discharges and steps the general public can take to reduce pollutants in storm water runoff. These will be available at Village offices and on the Village website.

Measurable Goal: Provide materials at Village offices and online and track number of brochures distributed.

Public Participation/Involvement – B.4 Public Hearing

Brief Description: Conduct public information meeting at regularly scheduled public hearing or special meeting.

Measurable Goal: Present storm water management program once each year. Minutes will record public involvement and any input.

Public Participation/Involvement – B.6 Program Coordination

Brief Description: Identify organizations that may be implementing actions that reduce pollutants in storm water runoff or who may be interested in implementing such actions.

Measurable Goal: Create a record of actions implemented by various organizations and recognize these actions by formal notice of appreciation or proclamation by the Village Board.

Illicit Discharge Detection & Elimination – C.1 Storm Sewer Map Preparation

Brief Description: Prepare a storm sewer map, showing locations of manholes, inlets, ditches, swales, natural waterways, and receiving waters (Waters of the U.S.)

Measurable Goal: Complete Village map and update annually

Illicit Discharge Detection & Elimination – C.2 Regulatory Control Program

Brief Description: Ordinances should include language regarding illicit discharges.

Measurable Goal: Review and update ordinances to address new or additional discharges as needed.

Illicit Discharge Detection & Elimination – C.4 Illicit Discharge Tracing Procedures

Brief Description: Observe storm sewer outfalls to identify possible illicit discharges.

Measurable Goal: Visit all outfalls a minimum of once each year.

Construction Site Runoff Control – D.2 Erosion & Sediment Control BMP’s

Brief Description: Village ordinances require the use of BMP’s for construction sites.

Measurable Goal: Review and update ordinances and Village design standards as needed.

Construction Site Runoff Control – D.4 Site Plan Review Procedures

Brief Description: Review site plans to confirm compliance with ordinances and storm water controls.

Measurable Goal: Track number of plan reviews completed.

Post-Construction Runoff Control – E.2 Regulatory Control Program

Brief Description: Village ordinances require the use of low impact design and BMP’s.

Measurable Goal: Review and update ordinances and Village design standards as needed.

Post-Construction Runoff Control – E.3 Long Term O&M Procedures

Brief Description: Observe detention facilities to inspect outlet control structures and native planting ponds.

Measurable Goal: Village Engineer will visit detention facilities to inspect outlet control structures once every five years and complete checklist. Ecologist will observe ponds with native plantings annually and maintain plantings.

Post-Construction Runoff Control – E.4 Pre-Construction Review of BMP Design

Brief Description: Review site plans to confirm compliance with ordinances and storm water controls, complete site review checklist.

Measurable Goal: Track number of plan reviews completed.

Post-Construction Runoff Control – E.5 Site Inspections During Construction

Brief Description: Visit construction sites to confirm BMP’s are in place, provide additional guidance and education.

Measurable Goal: Keep log of site visits and the condition of BMP’s at each site.

Pollution Prevention/Good Housekeeping – F.1 Employee Training Program

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

Measurable Goal: Employees are trained to recognize failing sediment control measures and proper methods for performing open space, fleet, and building maintenance

Pollution Prevention/Good Housekeeping – F.3 Municipal Operations Storm Water Control

Brief Description: Street cleaning, yard waste pickup, and inlet cleanout.

Measurable Goal: weekly street sweeping, monthly yard wasted pickup, and inlet cleanout as needed.