

**ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
ANNUAL FACILITY INSPECTION REPORT
NPDES PERMIT FOR STORM WATER DISCHARGES
FROM MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4)**

MARCH 2009 TO MARCH 2010 (YEAR 7) REPORTING PERIOD

VILLAGE OF PLAINFIELD, ILLINOIS

A. CHANGES TO BEST MANAGEMENT PRACTICES

In Year 7, BMP C7 was not completed as scheduled. The content of the milestone has not changed; the implementation date has been shifted to Year 8.

B. STATUS OF COMPLIANCE WITH PERMIT CONDITIONS

The best management practices, along with measurable goals and milestones for the March 2009 – March 2010 year are listed below:

BMP No. A1 Resident and Business Newsletter/Website/Water Bill Insert Articles

The Village of Plainfield publishes a newsletter, the Village Voice, which it sends to residents. It also operates a website and periodically inserts educational information in resident water bills. Semi-annual articles addressing the following issues will be incorporated into the Village's newsletter or website, or inserted into water bills: the impacts of storm water discharges on water bodies, measures the public can take to reduce pollutants in storm water runoff, green infrastructure, and hazards associated with illegal discharges and improper waste disposal. These articles will be directed to public employees, businesses, and the general public.

Measurable Goal(s), including frequencies: Publish storm water articles in the Village's newsletter or website, or insert them into water bills semi-annually.

Milestones: Year 7: Continue semi-annual publication of newsletter/website/water bill articles.

BMP Status: In the Winter 2009 newsletter, the Village published an article regarding storm water pollution prevention. They also maintain a short article regarding storm water pollution prevention on their website.

BMP No. A4 Community Event

The Village of Plainfield hosts a monthly lecture series called "Village Green" on such topics as energy conservation, household reuse and recycling, water efficient landscaping, and a rain barrel sale.

Measurable Goal(s), including frequencies: Host regular "Village Green" lecture series.

Milestones: Year 7: Continue to host "Village Green" lecture series.

BMP Status: During Year 7, the Village hosted ten (10) "Village Green" lecture series on various dates with attendance of 24-75 residents per event.

BMP No. A6 Other Public Education (Program Information on Village Website)

The Village of Plainfield operates a comprehensive website that keeps residents informed of Village activities and resources. The Village will update their website to include their Annual Facility Inspection Report, Notice of Intent, and Stormwater Management Program Plan.

Measurable Goal(s), including frequencies: Post Annual Facility Inspection Reports from Year 6 forward on website, as well as Notice of Intent and Stormwater Management Program Plan.

Milestones: Year 7: Continue to post the Notice of Intent, Stormwater Management Program Plan, and Annual Facility Inspection Reports on the Village website.

BMP Status: The Village continued to post the Notice of Intent, Stormwater Management Program Plan, and Annual Facility Inspection Reports on the Village website.

BMP No. B2 DuPage River Clean-Up

The Village of Plainfield organizes and sponsors a river clean-up along the DuPage River as part of the River Sweep program each year. The Village will continue to organize the river clean-up each year, and will advertise the clean-up to the community.

Measurable Goal(s), including frequencies: Organize river clean-up along DuPage River each year in late spring. Advertise clean-up to the community.

Milestones: Year 7: Organize Clean-Up.

BMP Status: During Year 7, the DuPage River Sweep took place on May 16, 2009. There were 50 participants.

BMP No. B7 Public Reporting

The Village of Plainfield provides 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. 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 Village newsletter or website, or in water bill inserts.

Milestones: Year 7: Publish contact number in Village newsletter or website, or in water bill inserts.

BMP Status: The contact number is the Public Works Department telephone number, and was included in the water bill insert and website article detailed in BMP A1.

BMP No. C1 Storm Sewer Atlas

The Village of Plainfield has an existing storm sewer atlas, which is updated as new storm sewers are installed, at least annually. The Village will update the atlas as new additions to the storm sewer system are added.

Measurable Goal(s), including frequencies: Update storm sewer atlas as new additions to the storm sewer system are added.

Milestones: Year 7: Update storm sewer atlas as new additions to the storm sewer system are added.

BMP Status: The storm sewer atlas is updated regularly, at least annually, as new storm sewers are installed in the Village.

BMP No. C2 Illicit Discharge Detection and Elimination Ordinance

Plainfield will develop and adopt an Illicit Discharge Detection and Elimination Ordinance. This ordinance will prohibit non-storm water discharges into the Village's storm sewer system and will include enforcement and penalties for ordinance violations.

Measurable Goal(s), including frequencies: Adopt and implement ordinance by March 2010.

Milestones: Year 7: Adopt and implement ordinance by March 2010.

BMP Status: Ordinance 2920 "Illicit Discharges and Connections" was adopted on February 1, 2010.

BMP No. C4 Illicit Discharge Tracing Procedures

Plainfield has developed procedures for tracing illicit discharges identified through a dry-weather screening program, regular storm sewer maintenance, and from public reporting. 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 7: Conduct outfall screenings and investigate suspected or identified illicit discharges using tracing procedures.

BMP Status: The Village did not conduct outfall screenings during Year 7; this milestone has been shifted to Year 8.

BMP No. C5 Illicit Discharge Removal Procedures

The Village of Plainfield has developed a procedure for removing illicit discharges identified through the illicit discharge tracing program and will implement this procedure as needed.

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

Milestones: **Year 7:** Continue implementation of illicit discharge removal procedures.

BMP Status: The Village did not utilize the implement illicit discharge removal procedures since no discharges were found.

BMP No. C7 Visual Dry Weather Screening Program

The Village of Plainfield will develop a program to conduct annual dry weather screening of all outfalls to receiving waters to identify any illicit discharges. Also, screening will be conducted for storm sewer structures as part of regular cleaning and maintenance, with approximately 95% of structures screened over a four year cycle. Also, the Village will conduct visual screening of the upstream and downstream ends of all storm system receiving streams and document this screening.

Measurable Goal(s), including frequencies: Annual screening of all outfalls; 95% of structures screened over a four year cycle. Visual screening of the upstream and downstream ends of all storm system receiving streams and document this screening.

Milestones: **Year 7:** Continue outfall and structure screening, and screen upstream and downstream ends of receiving streams.

BMP Status: The Village did not screen outfalls and structures during Year 7, but will screen outfalls and structures during Year 8 and begin documenting these screenings.

BMP No. D1/D2/D3/D4/D6 Soil Erosion and Sediment Control Ordinance

Construction site erosion and sediment control is addressed by Chapter 7, Article 2, Division 8, Section 7-182, "Soil Erosion and Sediment Control Ordinance", of the Code of Ordinances of the Village of Plainfield. This section of the code addresses the reduction of pollutants in storm water runoff from any land disturbing activity that will affect an area in excess of 5,000 square feet. It includes provisions that require:

- an erosion and sediment control plan
- the control of wastes at construction sites that could cause adverse impacts to water quality
- 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

The code also contains sanctions to ensure compliance with the above requirements. The Village's plan review process includes engineering and planning review of site plans to ensure they comply with all Village ordinances, including the Soil Erosion and Sediment Control Ordinance, which includes water quality considerations. The IEPA's general ILR10 permit, under which the Village's own construction sites and most private construction sites in the Village are covered, requires regular construction site inspection and enforcement of control measures.

Measurable Goal(s), including frequencies: Develop and implement ordinance amendments by the year 2004. Develop and implement review, inspection, and enforcement procedures by the year 2006. After 2006, continue to enforce the ordinance.

Milestones: Year 7: Continue to enforce the Soil Erosion and Sediment Control Ordinance, procedures for site plan review, and site inspection and enforcement of control measures.

BMP Status: The Village has a Soil Erosion and Sediment Control Ordinance which meets all of Illinois EPA requirements pursuant to this permit and is adhered to during site plan reviews and site inspections and enforcement actions. The Village also has a site plan review checklist and monitors construction sites to assure compliance with their ordinances.

BMP No. E2/E3/E5/E6 Storm Water Drainage and Detention Ordinance

Post-construction storm water management for new development and redevelopment projects is addressed by Chapter 7, Article 2, Division 8, Section 7-184, "Stormwater Drainage and Detention Ordinance", of the Code of Ordinances of the Village of Plainfield. This section of the code addresses volume and quality control for storm water runoff from finished development projects that have disturbed greater than one acre of land. It includes provisions that require:

- controls to prevent or minimize water quality impacts
- implementation of structural and non-structural BMPs
- provisions to ensure long-term operation and maintenance of BMPs
- site inspections during construction
- post-construction inspections
- 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 Goal(s), including frequencies: Develop and implement ordinance amendments by the year 2004. After 2004, continue to enforce the ordinance.

Milestones: **Year 7:** Continue to enforce Storm Water Drainage and Detention Ordinance.

BMP Status: The Village continues to enforce the Storm Water Drainage and Detention Ordinance. As land parcels are developed, redeveloped, or modified, the Village reviews each plan for compliance with this ordinance.

BMP No. F1 Employee Training Program

The Village currently conducts employee training for municipal operations and safety approximately every two months. A formal training program to educate staff on prevention and reduction of storm water pollution from municipal activities will be 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, and explain how to manage, maintain and repair public surfaces in green infrastructure or LID techniques.

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 7:** Full implementation of employee training program.

BMP Status: Village employees viewed a storm water quality training video on March 31, 2010.

BMP No. F2 Inspection and Maintenance Program

The Village of Plainfield currently conducts a regular inspection and maintenance program designed to reduce pollutant runoff from municipal operations. This program includes: annual river sweeps by the Public Works staff on the Norman Drain and DuPage River to remove debris, the sweeping of all Village streets quarterly, mowing ditches approximately every two weeks during the growing season and removing debris from ditches as needed, and jetting storm sewers and cleaning catch basins as needed. The storm sewer jetting program will be formalized so that all Village sewers are cleaned over a four year cycle.

The existing policies described above constitute a formal Inspection and Maintenance Program. This program will be evaluated on a biennial basis to determine its effectiveness.

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

Milestones: Year 7: Evaluate effectiveness of inspection and maintenance program.

BMP Status: The Village evaluated their program and found it to be adequate within their budget constraints.

BMP No. F3 Municipal Pollution Prevention Program

The Village of Plainfield currently has many operational policies designed to prevent storm water pollution associated with municipal operations. Road salt is stored at the Village's Public Works Facility, in a storage shed built on a concrete pad and covered on three sides. Flammable and hazardous chemicals are stored in an explosion-proof room at the Public Works Facility. Chlorine and sodium bisulfite for wastewater treatment plant operation are stored in a separate storage room at the plant. The floor in this room is pitched towards a drain that leads to the sanitary sewer system. The Village's well houses store chlorine and polyphosphate. There are separate rooms for each, and each room has a drain that leads to the sanitary sewer system. All vehicle maintenance for the Village is done in the Public Works garage. The Public Works garage drains to a triple trap. The Village has spill containment materials readily available at the Public Works Garage, including pads for absorbing oils and other chemicals.

The existing policies described above constitute 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 7: Evaluate effectiveness of municipal pollution prevention plan.

BMP Status: The Village evaluated their program and found it to be adequate within their budget constraints.

BMP No. F4 Municipal Operations Waste Disposal

Used vehicle oil is stored in waste oil barrels at the Public Works Facility and periodically pumped out and hauled away by a waste hauling company. The Village stores street sweeping and catch basin cleaning waste in two bins behind the Public Works Facility. These bins are tributary to a triple basin and then the storm sewer, and are cleaned 3-4 times per year.

Measurable Goal(s), including frequencies: Continue to maintain waste disposal areas.

Milestones: **Year 7:** Maintain the used oil and street sweeping/catch basin cleaning areas.

BMP Status: The Village continues to maintain its waste disposal areas as described above.

C. INFORMATION AND DATA COLLECTION RESULTS

No monitoring data was collected during Year 7.

D. SUMMARY OF NEXT REPORTING PERIOD STORMWATER ACTIVITIES

A summary of the storm water activities that are planned to be undertaken during the next reporting cycle is shown below:

BMP No. A1 Resident and Business Newsletter Articles

Measurable Goal(s), including frequencies: Publish storm water articles in the Village’s newsletter or website, or insert them into water bills semi-annually.

Milestones, Year 8: Continue semi-annual publication of newsletter/website/water bill articles.

BMP No. A4 Community Event

Measurable Goal(s), including frequencies: Host regular “Village Green” lecture series.

Milestones, Year 8: Continue to host “Village Green” lecture series.

BMP No. A6 Other Public Education (Program Information on Village Website)

Measurable Goal(s), including frequencies: Post Annual Facility Inspection Reports from Year 6 forward on website, as well as Notice of Intent and Stormwater Management Program Plan.

Milestones, Year 8: Post Annual Facility Inspection Reports, Notice of Intent, and Stormwater Management Program Plan on Village website.

BMP No. B2 DuPage River Clean-Up

Measurable Goal(s), including frequencies: Organize river clean-up along DuPage River each year in late spring. Advertise clean-up to the community.

Milestones, Year 8: Organize river clean-up.

BMP No. B7 Public Reporting

Measurable Goal(s), including frequencies: Inform all residents of the existence of a contact number in the Village newsletter or website, or in water bill inserts.

Milestones, Year 8: Publish contact number in Village newsletter or website, or in water bill inserts.

BMP No. C1 Storm Sewer Atlas

Measurable Goal(s), including frequencies: Update storm sewer atlas as new additions to the storm sewer system are added.

Milestones, Year 8: Update storm sewer atlas as new additions to the storm sewer system are added.

BMP No. C2 Illicit Discharge Detection and Elimination Ordinance

Measurable Goal(s), including frequencies: Implement ordinance.

Milestones, Year 8: Implement Illicit Discharge Detection and Elimination Ordinance.

BMP No. C4 Illicit Discharge Tracing Procedures

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

Milestones, Year 8: Continue tracing program for all discharges identified.

BMP No. C5 Illicit Discharge Removal Procedures

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

Milestones, Year 8: Continue implementation of illicit discharge removal procedures.

BMP No. C7 Visual Dry Weather Screening Program

Measurable Goal(s), including frequencies: Annual screening of all outfalls, 95% of structures screened over a four year cycle. Visual screening of the upstream and downstream ends of all storm system receiving streams and document this screening.

Milestones, Year 8: Continue outfall and structure screening, and screen upstream and downstream ends of receiving streams.

BMP No. D1/D2/D3/D4/D6 Soil Erosion and Sediment Control Ordinance

Measurable Goal(s), including frequencies: Develop and implement ordinance amendments by the year 2004. Develop and implement review, inspection, and enforcement procedures by the year 2006. After 2006, continue to enforce the ordinance.

Milestones, Year 8: Continue to enforce the Soil Erosion and Sediment Control Ordinance, procedures for site plan review, and site inspection and enforcement of control measures.

BMP No. E2/E3/E5/E6 Storm Water Drainage and Detention Ordinance

Measurable Goal(s), including frequencies: Develop and implement ordinance amendments by the year 2004. After 2004, continue to enforce the ordinance.

Milestones, Year 8: Continue to enforce Storm Water Drainage and Detention Ordinance.

BMP No. F1 Employee Training Program

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 8: Full implementation of employee training program.

BMP No. F2 Inspection and Maintenance Program

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

Milestones, Year 8: Evaluate effectiveness of inspection and maintenance program.

BMP No. F3 Municipal Pollution Prevention Program

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

Milestones, Year 8: Evaluate effectiveness of municipal pollution prevention plan.

BMP No. F4 Municipal Operations Waste Disposal

Measurable Goal(s), including frequencies: Continue to maintain waste disposal areas.

Milestones, Year 8: Maintain the used oil and street sweeping/catch basin cleaning waste areas.

E. NOTICE OF QUALIFYING LOCAL PROGRAM

The Village is not relying on any other government entity to satisfy permit obligations.

F. CONSTRUCTION PROJECTS CONDUCTED DURING REPORTING PERIOD

For the period from March 2009 to March 2010, the Village has paid for the following construction projects:

- 119th Street
- Drauden Road
- Steiner Road
- Wastewater Plant Expansion – Wood Farm Road

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**ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
ANNUAL FACILITY INSPECTION REPORT
NPDES PERMIT FOR STORM WATER DISCHARGES
FROM MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4)**

Complete each section of this report.

Reporting Period from: March, 2009 To: March, 2010 Permit Number : ILR400426

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

Name: Village of Plainfield Telephone: 815-436-3577

Mailing Address: 24401 W. Lockport Street

City: Plainfield State: IL Zip: 60544 County: Kendall & Will

Contact Person: Randy Jessen

(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 Plainfield

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 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 checked="" type="checkbox"/> | 6. Pollution Prevention/Good Housekeeping | <input 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.

Signature: Kenneth W. Jan Sept of Public Insp. Date: 5-12-10

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))

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

or Mail to: Illinois Environmental Protection Agency, DWPC
Compliance Assurance Section #19
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276

Information required by this form must be provided to comply with 415 ILCS 5/39 (1996). Failure to do so may prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.