



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, 2011 To March, 2012

Permit No. ILR40 MS4-0347

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

Name: Village of Hanover Park Mailing Address 1: 2041 W. Lake Street
Mailing Address 2: _____ County: DuPage
City: Hanover Park State: IL Zip: 60133 Telephone: (630) 823-5700
Contact Person: Howard Killian, P.E. Email Address: hkillian@hpil.org
(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 Hanover Park

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 | ☐ | 4. Construction Site Runoff Control | ☐ |
| 2. Public Participation/Involvement | ☐ | 5. Post-Construction Runoff Control | ☐ |
| 3. Illicit Discharge Detection & Elimination | ☐ | 6. Pollution Prevention/Good Housekeeping | ☐ |

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))

Howard Killian
Owner Signature:

Howard Killian

Printed Name:

May 16, 2012
Date:

Director of Public Works

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

Village of Hanover Park

Municipal Building
2121 West Lake Street
Hanover Park, Illinois
60133-4398

630-372-4200
Fax 630-372-4215

Rodney S. Craig
Village President
Eira L. Corral
Village Clerk
Ronald A. Moser
Village Manager

May 16, 2012



Rob Swanson
DuPage County
Stormwater Management Division
421 North County Farm Road
Wheaton, IL 60187

Re: Annual Facility Report for NPDES Permit ILR40 MS4-0347
General Stormwater Permit Year 3 (3rd cycle)

Dear Mr. Swanson:

The Village of Hanover Park is a cooperating permit holder for the above-referenced permit; and has elected to file our annual report jointly with DuPage County. Therefore, in addition to DuPage County's documented efforts which will be an integral part of the annual report, the Village of Hanover Park has accomplished the following:

B. STATUS OF COMPLIANCE

Public Education and Outreach

BMP No. A.1 Distributed Paper Material

BMP No. A.3 Public Service Announcement

Public Education:

Pamphlets titled below are available at two locations in the Village.

- "When It Rains It Drains"
- "Storm Drain Stenciling"
- "Watershed Outreach"
- "Conservation at Home"

The Village of Hanover Park maintains a comprehensive web site at <http://www.hanoverparkillinois.org/> with numerous resources for the residents. The Village Board agenda and meeting minutes and press releases are posted. In addition, the link through the Engineering Department includes the following materials:

- “Conservation At Home” Brochure
- Engineering Development Standards
- MS4 Annual Report
- Storm Drain Stenciling
- Stormwater Management
- Utility Atlases
- Watershed Outreach

The Village updates its website on a continuing basis.

The Village also has a local access channel where the video “Don’t Muddy the Waters” is available to educate the residents.

The Village is working with SCARCE to setup an educational program in Cook County schools.

BMP No. A.4 Community Event

Public Participation:

Hanover Park has an Environmental Committee that meets monthly. In 2011 the Committee with resident volunteers stenciled 100 inlets with “Dump No Waste – Drains to River”. In May, the Committee participated in the DuPage River Sweep.

In September of 2011, the third annual recycling event using volunteers including Boy Scouts and Girl Scouts was held, and resulted in the collection of 380 gallons of oil/antifreeze.

The Environmental Committee also had a booth at “Picnic in the Park” held in August 2011 to educate residents about environmental issues.

The Village has “Adopt a Highway” program where residents pick an area of highway and clean up debris along the roadway.

Electronics, batteries, light bulbs, and Christmas lights are recycled by the Village on a daily basis.

BMP No. A.5 Classroom Education Material

The Director of Public Works attended classes on pervious concrete and the use of environmentally-friendly road deicers. Additionally the Street Supervisor and Public

Works Director presented the Village's chloride reduction and its anti-icing program to public works officials on October 12, 2011 and at the National American Public Works Association (APWA) Snow Conference on April 30, 2012.

The Village's two Engineering Department Technicians/Inspectors attended these Workshops conducted by the Conservation Foundation and the DuPage County Stormwater Management Division:

- NPDES Inspections from the Inspector's Perspective – April 21, 2011
- Managing Total Suspended Solids – November 30, 2011

A Village Engineering Technician/Inspector also attend the following seminar that including sessions on Stormwater, watershed quality, MS4, NPDES, and BMPs, at the University of Wisconsin Extension in Madison, Wisconsin:

- Municipal Engineering Fundamentals for Non-Engineers – April 16 and 17, 2012

Public Participation/Involvement

BMP No. B.1 Public Panels

The Village has public meetings to discuss all ordinance and zoning changes and provides advance notices in the newspapers and other media.

BMP No. B.3 Stakeholder Meeting

The Village Engineer attended the DuPage County monthly engineer's meetings regarding storm water issues on the following dates:

04-11
05-11
06-11
07-11
08-11
09-11
10-11
11-11
12-11
1-12
4-3-12

BMP No. B.4 Public Hearing

The Village conducts public hearings for all zoning changes. Notice of these hearings are advertised in the newspapers and in some instances posted on signs and provided by written notice to affected property owners.

Illicit Discharge Detection and Elimination

BMP No. C.1 Storm Sewer Map Preparation

The Village of Hanover Park's storm sewer maps were updated in both the digital and hard copy forms in December 2011. The maps are available online to the public.

BMP No. C.2 Regulatory Control Program

BMP No. C.3 Detection/Elimination Prioritization Plan

BMP No. C.4 Illicit Discharge Tracing Procedures

BMP No. C.5 Illicit Source Removal Procedures

BMP No. C.6 Program Evaluation and Assessment

BMP No. C.7 Visual Dry Weather Screening

BMP No. C.8 Pollutant Field Testing

The Village is currently involved with DuPage County (in the DuPage County section of the Village) in regards to illicit discharge detection requirements. DuPage County has electronically-informed the Village of the locations of their outfall points. The Village has informed DuPage County that they will be a full participant on the IDDE program which is where the County will sample and trace any contaminants back to the source. The Village will take enforcement action once the source is identified. Sampling parameters by DuPage County include fluoride, temperature, pH, conductivity, surfactants, and ammonia-nitrogen. DuPage County has an illicit discharge hotline for residents to call if they notice any problems.

The DuPage County Stormwater ordinance has been adopted for the Cook County portion of the Village. Discharge points in Cook County have been identified and mapped and has taken photographs of the outfalls. The Village has recently retained the consulting engineering firm of Christopher B. Burke Engineering Ltd. to address and perform numerous tasks for the Cook County portion of the Village. The Consultant is performing the following services:

- Field verification of outfalls
- Conducting inspections and testing

- Training public works for inspection and testing

The Consultant's work is continuing.

In addition, the Village has an ordinance which prohibits any polluted water to any storm sewer or watercourse in the Village. This ordinance includes penalty provisions in the amount of not less than \$100 per day and not more than \$1000 per day for each violation.

Construction Site Runoff Control

BMP No. D.1 Regulatory Control Program

BMP No. D.2 Erosion and Sediment Control BMP's

BMP No. D.4 Site Plan Review Procedures

BMP No. D.5 Public Information Handling Procedures

BMP No. D.6 Site Inspection/Enforcement Procedures

The Village has a partial waiver with DuPage County to review and approve plans, issue permits, and inspect sites. The County must approve plans for special management areas and wetlands. The Village's Stormwater Ordinance requires a storm water permit if more than one acre is disturbed. All developments regardless of size require a construction permit, and storm water management is reviewed even if the development is less than one acre.

The Village of Hanover Park has full-time engineering staff and public works staff to review and approve and inspect projects prior to and during construction. All projects are required to incorporate sediment and erosion control and BMP practices and to provide evidence of compliance with the NPDES program.

The only development greater than one acre that is currently under development is the Church Street Station project located at Lake Street and Barrington Road. The developer is M/I Homes and they in compliance. The Illinois EPA conducted a field inspection of this development on February 23, 2012.

Any complaints will be maintained in a file and made available to the public.

Post-Construction Runoff Control

BMP No. E.2 Regulatory Control Program

The Village is using Appendix E: Part 1 – Technical Guidance for Water Quality Best Management Practice. This Appendix is part of the ordinance and the Village is required to make sure that the construction activities include the BMP's outlined in the Appendix.

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

BMP No. E.4 Pre-Construction Review of BMP Design

The Village performs comprehensive plan reviews prior to the issuance of any permits including a review of each project's BMP design.

Construction of water quality BMP's were incorporated into the design of the newly-constructed Village of Hanover Park Police Headquarters on Lake Street.

BMP No. E.5 Site Inspections During Construction

The Village has full-time engineering department and public works department inspectors to perform site inspections all construction projects on a continuing basis.

BMP No. E.6 Post-Construction Inspections

The Village performs post-construction inspections with its staff, prepares punch lists of uncompleted items, and verifies that a project has been satisfactorily-completed before any bonds or financial guarantees are returned to the developer.

Pollution Prevention/Good Housekeeping

BMP No. F.1 Employee Training Program

The Village trains their employees on a continuing basis. Also see the responses to BMP A.5 and BMP C.8 for detailed training information.

BMP No. F.2 Inspection and Maintenance Program

In the past year 283 catch basins were cleaned utilizing the Public Works vacuum machine, and 41,775 lineal feet of storm sewer pipe was cleaned utilizing the Public Works jetting machine. 20 catch basins were repaired or replaced. 79.5 miles of Village streets were swept on 15 occasions (Once per month March-September and once per week in October and November). A new salt storage dome was constructed, incorporating more efficient techniques for road salt handling. The salt dome had a fabric enclosure installed over the facility. Finally road salt usage per mile was reduced by 30% in comparison to the previous five year average using a natural solution known as Geomelt and utilizing pre-application techniques.

BMP No. F.3 Muni Operations Storm Water Control

BMP No. F.4 Municipal Operations Waste Disposal

Catch basin cleanings and spoils are dumped at the old wastewater treatment plant into a stabilized earthen berm. There are silt baskets on the two storm sewers on site to keep any sediment from entering downstream waters. Catch basin cleanings and spoils are then hauled to the Bluff City Quarry in Elgin, Illinois. Street sweepings are placed in a truck and go to the DuKane Transfer Station in West Chicago, Illinois.

The Village has a recycling program in place as well as lawn waste pickup. There is an ordinance in place for proper disposal of animal waste. The Village has an enclosed dome for salt storage. The Village pre-wets with salt brine mixture and beet juice to reduce the salt placement. All 79.5 miles of Village streets are swept once per month from March through September and once per week in October and November. Leaves go to the DuPage County compost. All Village vehicles are washed inside the public works facility. In addition, the public works area has baskets installed within storm sewers to catch any sediment.

D. PLANNED ACTIVITIES

The Village is cooperating with the Metropolitan Water Reclamation District of Greater Chicago (MWRDGC), which has regional jurisdiction for storm water management in the Cook County portion of the Village, in its efforts to implement a Watershed Management Ordinance for Cook County.

The Village will be adopting the latest revisions to DuPage County's Storm Water and Flood Plain Ordinance within the next 90 days.

E. CO-PERMITTEE OBLIGATIONS

This will certify that the Village of Hanover Park, as co-permittee with DuPage County, is relying on DuPage County to satisfy some of the permit obligations.

F. CONSTRUCTION PROJECTS

A new Police Station building has been recently completed at the Village's Municipal complex on Lake Street, providing additional storm water detention and water quality measures. Additional storm sewer on Berkshire Drive was constructed as part of the Village's annual Sewer & Water Improvement program. Engineering design is underway for the replacement of the Longmeadow Lane Bridge over the West Branch of the DuPage River. Selected drainage structures will be repaired or replaced in conjunction with the Village's 2012 street repaving project and other roadway improvements.

It is our understanding that the above information will be submitted by DuPage County as part of the annual report to Illinois EPA, and as such fulfills the Village of Hanover Park's reporting requirements. Please contact me at 630-823-5700 if additional information is needed.

Sincerely,

A handwritten signature in dark ink, appearing to read 'H. Killian', written in a cursive style.

Howard A. Killian, P.E.
Director of Public Works/Engineering