



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, 2016 To March, 2017

Permit No. ILR40 _____

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

Name: Village of Hanover Park Mailing Address 1: 2041 Lake Street
Mailing Address 2: _____ County: DuPage
City: Hanover Park State: IL Zip: 60133 Telephone: (630) 823-5650
Contact Person: Karen Daulton Lange Email Address: KDaultonLange@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))

Karen Daulton Lange

Owner Signature:

Karen Daulton Lange

Printed Name:

05-23-17

Date:

Assistant 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

This Agency is authorized to require this information under Section 4 and Title X of the Environmental Protection Act (415 ILCS 5/4, 5/39). Failure to disclose this information may result in: a civil penalty of not to exceed \$50,000 for the violation and an additional civil penalty of not to exceed \$10,000 for each day during which the violation continues (415 ILCS 5/42) and may also prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.



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

MARCH 2016 TO FEBRUARY 2017 (YEAR 14) REPORTING PERIOD

VILLAGE OF HANOVER PARK, ILLINOIS

A. CHANGES TO BEST MANAGEMENT PRACTICES

There have been no changes to the Village of Hanover Park's Best Management Practices (BMPs) for the reporting period from March 2016 to February 2017.

B. STATUS OF COMPLIANCE WITH PERMIT CONDITIONS

The Village of Hanover Park committed to a number of stormwater BMPs in order to meet the requirements of the NPDES Phase II stormwater program. A Stormwater Management Plan has been developed and posted to the Engineering / Stormwater Management Section of the Village's website.

The following is a status report on each of the BMPs and the activities that were performed during the March 2016 to February 2017 reporting period. The status or progress for each of the measurable goals related to these BMPs is presented below.

BMP No. A.1 Distributed Paper Material

Brief Description of BMP: Develop and distribute both paper and electronic material regarding the control of pollutants from season sources and activities.

Milestones: Year 14: Distribute stormwater program information

BMP Status: The Village has posted and distributed information for homeowners on stormwater management, including how to build rain gardens and the benefits of them, and on residential car washing, waste disposal and recycling programs, and lawn waste and debris programs.

DuPage County employs a Stormwater Outreach Coordinator and is engaged in agreements with the not-for-profit organizations SCARCE and DuPage River Salt Creek Workgroup provide education and outreach pertaining to the reduction of pollutants in stormwater runoff. The Village of Hanover Park regularly participates in these groups and the Municipal Engineers Group and makes various brochures and fact sheets from various sources available to the public. County presentations and materials include information on a comprehensive range of stormwater management topics, include climate change. The Village website provides a link to DuPage County informational materials.

BMP No. A.2 Speaking Engagement

Brief Description of BMP: Engage interested parties through presentations detailing water quality trends for DuPage County waterways and highlighting practices that can reduce the transport of pollutants along with stormwater into those same waterways.

Milestones: Year 14: Make presentations to interested parties.

BMP Status: Village staff made the following presentations about stormwater issues during Year 14:

- Greenbrook Tanglewood HOA Annual Meeting on December 7, 2016

DuPage County staff provided speaking engagements available to Village residents.

BMP No. A.3 Public Service Announcement

Brief Description of BMP: Disburse press releases, public services announcements, and messages through social media to residents of the entirety of DuPage County. These messages detail water quality trends for DuPage County waterways and highlight practices that can reduce the transport of pollutants along with stormwater into those waterways.

Milestones: Year 14: Distribute messages to the general public

BMP Status: The Village posts stormwater education materials on its Twitter and Facebook accounts, along with its website. DuPage County provides public service announcements through its website and other media that reach Village residents.

BMP No. A.4 Community Event

Brief Description of BMP: Present, through booths, workshops, or presentations, water quality issues to members of the community. Presentations detail water quality trends for DuPage

Milestones: Year 14: Attendance / presentation at community events

BMP Status: The Village's Environmental Committee conducted its annual DuPage County River Sweep event. The River Sweep is a clean-up which encourages citizens to improve the local waterway by removing debris and litter from a section of the river. This year's event was on October 8, 2016.

BMP No. A.5 Classroom Education Material

Brief Description of BMP: Educate school age children regarding the basic principles of watersheds and practices to reduce the transfer of pollutants to waterways, including rain gardens, rain barrels, permeable pavers green roofs, native plants, bioswales and various source control measures.

Milestones: Year 14: Provide classroom education to students each year

BMP Status: DuPage County provides classroom education that reaches Village residents, including support of teacher education programs utilizing a group like S.C.A.R.C.E. Education materials are produced for public and private uses.

BMP No. B.3 Stakeholder Meeting

Brief Description of BMP: Organize or serve as principal participant in a stakeholder meeting that addresses matters pertaining to pollutant reduction on a watershed level.

Milestones: Year 14: Organize stakeholder meetings

BMP Status: Village staff actively participated in the DuPage County Municipal Engineers Group's monthly meetings, including Stormwater Committee meetings and the BMP workgroup, and the DuPage River Salt Creek Workgroup's initiatives including chloride reduction, nutrient reduction, and dissolved oxygen improvement.

The Village hosts a public meeting for MS4 input on the Stormwater Management Plan in conjunction with the Environmental Committee meeting. It is advertised on the Village website and social media platforms.

BMP No. B.4 Public Hearing

Brief Description of BMP: As with the adoption of the DuPage County Stormwater Management Plan and all the appendices and updates to the plan there is a process of a public notice period and public hearing for final adoption.

Milestones: Year 14: Participate in or assist in public hearings for possible DuPage County Stormwater Management Plan Appendix updates as needed.

BMP Status: The Village hosts a public meeting for MS4 input on the Stormwater Management Plan in conjunction with the Environmental Committee meeting. It is advertised on the Village website and social media platforms.

BMP No. B6 Program Involvement

Brief Description of BMP: Facilitate attitude surveys to gauge citizen views, behaviors, and concerns pertaining to a variety of topics, including water quality, property management, and residential pollutant control.

Milestones: Year 14: Develop and distribute surveys

BMP Status: The Village is an active member of the DuPage River Salt Creek Workgroup and DuPage County water quality programs and outreach initiatives. The Village assisted the DuPage River Salt Creek Workgroup with conducting a survey of municipal chloride usage and impacts.

BMP No. B.7 Other Public Involvement

Brief Description of BMP: Host events, such as Adopt a Stream, River Sweep, and Storm Drain Stenciling, where residents are engaged in reducing the transport of pollutants to, or directly removing pollutants from, waterways in Cook and DuPage Counties.

Milestones: Year 14: Host events and engage participants.

BMP Status: The Village's Environmental Committee conducted its annual DuPage County River Sweep event. The River Sweep is a clean-up which encourages citizens to improve the local waterway by removing debris and litter from a section of the river. This year's event was on October 8, 2016.

The Village's Environmental Committee also hosted a Storm Drain Stenciling Event held on October 22, 2016.

The Village reviewed the Environmental Justice Area (EJA) information available from USEPA, and is currently evaluating Village areas to determine if any environmental justice areas exist, or the need to tailor program messages based on different languages.

BMP No. C.1 Storm Sewer Map Preparation

Brief Description of BMP: Collect and compile, from a variety of sources, storm sewer maps. These maps identify the locations of storm sewer outfalls discharging to Waters of the State. The desired end product is one comprehensive, countywide storm sewer atlas.

Milestones: Year 14: Incorporate new outfall and storm sewer information into the mapping.

BMP Status: The map was updated with data from private and public improvement projects.

BMP No. C.2/C.3/C.5 Regulatory Control Program / Detection / Elimination Plan

Brief Description of BMP: The Village and DuPage County established an Intergovernmental Agreement to look for and regulate illicit discharges. DuPage County will monitor outfalls and trace suspicious discharges to their source, while the Village will pursue elimination and enforcement action when illicit discharges are found.

Milestones: Year 14: Implement the IDDE program. Notify DuPage County of any suspicious discharges and work with local property owners to remove or abate illicit discharges.

BMP Status: DuPage County and the Village continued to implement the IDDE program in Year 14.

BMP No. C.7/C.8 Visual Dry Weather Screening and Field Testing

Brief Description of BMP: Perform visual inspection of MS4 outfalls discharging to Waters of the State during dry weather conditions. Perform testing of outfalls suspected to have an illicit discharge.

BMP Status: DuPage County performs dry weather screening activities and testing per agreement with the Village.

BMP No. D.1/D.2/D.4/D.6 Construction Site Stormwater Runoff Control

Brief Description of BMP: The Village has adopted the stormwater and floodplain ordinances for both DuPage and Cook Counties. The ordinances and accompanying BMP guidance requires erosion and sediment control BMPs. The Village reviews BMP designs prior to construction and inspect sites during construction.

Milestones: Year 14: Continue to enforce the ordinances, participate in the Municipal Engineers Group, provide staff with appropriate training on permitting and site inspections, and field public concerns regarding development sites. Conduct construction site inspections to ensure BMP implementation. Initiate enforcement procedures for noncompliance with ordinance requirements.

BMP Status: The Village reviews engineering plans for all proposed developments. Permit files were maintained for each project. Staff ensures proper permits are obtained for sites. Inspectional Services staff performs construction site inspections and addresses violations and answers questions from the public.

Village staff regularly attend the monthly Municipal Engineers Group meetings, which occasionally include presentations on new erosion and sediment control technology.

BMP No. E.2/E.4/E.5/E.6 Post-Construction Stormwater Management

Brief Description of BMP: The Village has adopted the stormwater and floodplain ordinances for both DuPage and Cook Counties. Staff reviews BMP designs prior to construction and inspect sites during and after construction.

Milestones: Year 14: Continue to enforce the ordinances, participate in the Municipal Engineers Group, provide staff with appropriate training on permitting and BMPs for reducing post-construction runoff, and field public concerns regarding development sites.

BMP Status: Staff reviewed BMP designs prior to construction and inspected sites during and after construction. The County reviews plans for projects in special hazard areas in DuPage, and engineering staff reviews projects in special hazard areas in Cook County. The Village regularly assists permit applicants in interpreting the ordinances throughout the permitting process, particularly in the application of BMPs. Inspections are performed both during and post construction to implement the ordinances and BMP technical guidance.

BMP No. F.1 Employee Training Program

Brief Description of BMP: The permit requires employee training to prevent and reduce stormwater pollution from activities such as park and open space maintenance, fleet and building maintenance, operation of storage yards, snow disposal, new construction, land disturbances, and stormwater system maintenance.

Milestones: Year 14: Continue organizing training sessions and making sessions available to staff.

BMP Status: The Village sends staff to County developed MS4 training each year. This training addresses several different MS4 program topics.

Village managers provide “tailgate training” or quick training refreshers as needed throughout the year to address issues and remind staff of BMP procedures.

BMP No. F.2 Inspection and Maintenance Program

Brief Description of BMP: The Village implements an operation and maintenance program designed to prevent or reduce the discharge of pollutants from the storm sewer system.

Milestones: Year 14: Inspect and remove accumulated debris in the system, clean streets, storm sewers and structures, and clear creeks of debris.

BMP Status: The Village inspected and maintained a portion of its stormwater system. This year:

- 976 catch basins were cleaned
- 132,180 lineal feet of storm sewer pipe were cleaned
- 99.4 miles of Village streets were vacuum swept, once a month from May through September

BMP No. F.3/F.4 Municipal Operations Stormwater Control

Brief Description of BMP: Municipal operations at the Public Works Facility and other Village facilities include routine catch basin cleaning and vacuum street sweeping.

Milestones: Year 14: Continue implementation of appropriate practices to prevent the discharge of pollutants resulting from municipal operations. Improve coordination between departments. Promote County hazardous waste collection events.

BMP Status: All maintenance and washing for the Public Works Department fleet is done in the Public Works garage, where floor drains are tributary to triple basins prior to discharging to the sanitary sewer system. Road salt and other materials are stored in covered shelters to minimize exposure to rainfall. Lubricant and oil spills resulting from equipment maintenance are typically cleaned up using oil absorbing compounds, rather than hosing down spill areas. Wastes and vehicle fluids are recycled or otherwise disposed of properly. A maintenance yard inspection checklist has been developed for routine yard evaluation and BMP implementation.

The Village continued using advanced technology and practices to reduce and minimize the application of road salt and deicing chemicals on Village streets.

BMP No. F.5 Flood Management/Assess Guidelines

Brief Description of BMP: Ensure that new flood management projects assess the impacts of water quality and examine existing projects for incorporation of additional water quality protection devices or practices.

Milestones: Year 14: Review new and existing flood management controls.

BMP Status: Staff reviewed BMP designs prior to construction and inspected sites during and after construction.

C. INFORMATION AND DATA COLLECTION RESULTS

The Village of Hanover Park participates in DuPage County's and the DuPage River Salt Creek Workgroup's water quality monitoring programs. Monitoring data from this reporting period is presented in DuPage County's Year 14 Annual Facility Inspection Report, and available for public review from these organizations.

D. SUMMARY OF NEXT REPORTING PERIOD STORMWATER ACTIVITIES

The Village plans to undertake the following activities during the March 2017 to February 2018 reporting period:

BMP No. A.1 Distributed Paper Material

Brief Description of BMP: Develop and distribute both paper and electronic material regarding the control of pollutants from season sources and activities.

Milestones: Year 15: Distribute stormwater program information

BMP No. A.2 Speaking Engagement

Brief Description of BMP: Engage interested parties through presentations detailing water quality trends for DuPage County waterways and highlighting practices that can reduce the transport of pollutants along with stormwater into those same waterways.

Milestones: Year 15: Make presentations to interested parties.

BMP No. A.3 Public Service Announcement

Brief Description of BMP: Disburse press releases, public services announcements, and messages through social media to residents of the entirety of DuPage and Cook Counties. These messages detail water quality trends for DuPage and Cook County waterways and highlight practices that can reduce the transport of pollutants along with stormwater into those waterways.

Milestones: Year 15: Distribute messages to the general public

BMP No. A.4 Community Event

Brief Description of BMP: Present, through booths, workshops, or presentations, water quality issues to members of the community. Presentations detail water quality trends for DuPage

Milestones: Year 15: Attendance / presentation at community events

BMP No. A.5 Classroom Education Material

Brief Description of BMP: Educate school age children regarding the basic principles of watersheds and practices to reduce the transfer of pollutants to waterways, including rain gardens, rain barrels, permeable pavers green roofs, native plants, bioswales and various source control measures.

Milestones: Year 15: Provide classroom education to students each year

BMP No. B.3 Stakeholder Meeting

Brief Description of BMP: Organize or serve as principal participant in a stakeholder meeting that addresses matters pertaining to pollutant reduction on a watershed level.

Milestones: Year 15: Organize stakeholder meetings

BMP No. B.4 Public Hearing

Brief Description of BMP: As with the adoption of the DuPage County Stormwater Management Plan and the Cook County Watershed Management Ordinance and all the appendices and updates to the plan there is a process of a public notice period and public hearing for final adoption.

Milestones: Year 15: Participate in or assist in public hearings for possible DuPage County Stormwater Management Plan Appendix updates and Cook County Watershed Development Ordinance updates as needed.

BMP No. B6 Program Involvement

Brief Description of BMP: Facilitate a survey to gauge citizen views, behaviors, and concerns pertaining to a variety of topics, including water quality, property management, and residential pollutant control.

Milestones: Year 15: Develop and distribute survey

BMP No. B.7 Other Public Involvement

Brief Description of BMP: Host events, such as Adopt a Stream, River Sweep, and Storm Drain Stenciling, where residents are engaged in reducing the transport of pollutants to, or directly removing pollutants from, waterways in Cook and DuPage Counties.

Milestones: Year 15: Host events and engage participants.

BMP No. C.1 Storm Sewer Map Preparation

Brief Description of BMP: Collect and compile, from a variety of sources, storm sewer maps. These maps identify the locations of storm sewer outfalls discharging to Waters of the State. The desired end product is one comprehensive, countywide storm sewer atlas.

Milestones: Year 15: Incorporate new outfall and storm sewer information into the mapping.

BMP No. C.2/C.3/C.5 Regulatory Control Program / Detection / Elimination Plan

Brief Description of BMP: The Village and DuPage County established an Intergovernmental Agreement to regulate illicit discharges. DuPage County will monitor outfalls and trace suspicious discharges to their source, while the Village will pursue elimination and enforcement action when illicit discharges are found.

Milestones: Year 15: Implement the IDDE program. Notify DuPage County of any suspicious discharges and work with local property owners to remove or abate illicit discharges.

BMP No. C.7/C.8 Visual Dry Weather Screening and Field Testing

Brief Description of BMP: Perform visual inspection of MS4 outfalls discharging to Waters of the State during dry weather conditions. Perform testing of outfalls suspected to have an illicit discharge.

Milestone Year 15: Continue to perform visual inspections of MS4 outfalls and testing of outfalls suspected to have an illicit discharge.

BMP No. D.1/D.2/D.4/D.6 Construction Site Stormwater Runoff Control

Brief Description of BMP: The Village has adopted the Countywide Stormwater and Flood Plain Ordinance. The Ordinance and accompanying BMP manual requires erosion and sediment control BMPs. The Village reviews BMP designs prior to construction and inspect sites during construction.

Milestones: Year 15: Continue to enforce the Ordinance, participate in the Municipal Engineers Group, provide staff with appropriate training on permitting and site inspections, and field public concerns regarding development sites. Conduct construction site inspections to ensure BMP implementation. Initiate enforcement procedures for noncompliance with Ordinance requirements.

BMP No. E.2/E.4/E.5/E.6 Post-Construction Stormwater Management

Brief Description of BMP: The Village has adopted the Countywide Stormwater and Flood Plain Ordinance. Staff reviews BMP designs prior to construction and inspect sites during and after construction.

Milestones: Year 15: Continue to enforce the Ordinance, participate in the Municipal Engineers Group, provide staff with appropriate training on permitting and BMPs for reducing post-construction runoff, and field public concerns regarding development sites.

BMP No. F.1 Employee Training Program

Brief Description of BMP: The permit requires employee training to prevent and reduce stormwater pollution from activities such as park and open space maintenance, fleet and building maintenance, operation of storage yards, snow disposal, new construction, land disturbances, and stormwater system maintenance.

Milestones: Year 15: Continue organizing training sessions and making sessions available to staff.

BMP No. F.2 Inspection and Maintenance Program

Brief Description of BMP: The Village implements an operation and maintenance program designed to prevent or reduce the discharge of pollutants from the storm sewer system.

Milestones: Year 15: Inspect and remove accumulated debris in the system, clean storm sewers and structures, and clear creeks of debris.

BMP No. F.3/F.4 Municipal Operations Stormwater Control

Brief Description of BMP: Municipal operations at the Public Works Facility and other Village facilities include routine catch basin cleaning and vacuum street sweeping.

Milestones: Year 15: Continue implementation of appropriate practices to prevent the discharge of pollutants resulting from municipal operations. Improve coordination between departments. Promote County hazardous waste collection events.

BMP No. F.5 Flood Management/Assess Guidelines

Brief Description of BMP: Ensure that new flood management projects assess the impacts of water quality and examine existing projects for incorporation of additional water quality protection devices or practices.

Milestones: Year 15: Review new and existing flood management controls.

E. NOTICE OF RELIANCE ON ANOTHER GOVERNMENT ENTITY

The Village of Hanover Park relies on DuPage County for illicit discharge monitoring, tracing, testing, and source removal. During dry weather conditions, County staff surveys outfalls and monitors those that are actively discharging. The monitoring plan anticipates that all of the outfalls discharging into DuPage County's waterways, including those in the Village, will be monitored during the five-year permit cycle.

The Village also relies on DuPage County and the DuPage River Salt Creek Workgroup for water quality monitoring of receiving waters to gauge the effects of stormwater discharges on the physical/habitat-related aspects of the receiving waters.

In addition to the Village's public education and outreach, DuPage County provides outreach materials and conducts regular classroom education and public information on topics including stormwater management, the environment, and water quality.

F. CONSTRUCTION PROJECTS CONDUCTED DURING REPORTING PERIOD

Construction sites in the Village larger than 1 acre in disturbed area this reporting year included:

1. 900 Irving Park Road. The Verandah Senior Living Facility. 11.5 Acres.

