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, 2018 To March, 2019

Permit No. ILR40 0357

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

Name: Village of Homewood Mailing Address 1: 17755 Ashland Avenue

Mailing Address 2: County: Cook

City: Homewood State: IL Zip: 60430 Telephone: (708) 206-3470

Contact Person: Maximilian Massi, P.E. Email Address: mmassi@village.homewood.il.us
(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 Homewood

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 ☐
2. Public Participation/Involvement ☐
3. Illicit Discharge Detection & Elimination ☐
4. Construction Site Runoff Control ☐
5. Post-Construction Runoff Control ☐
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))

Owner Signature: Date: 5/28/19

Maximilian Massi Village Engineer

Printed Name: 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 Storm Water Discharges From Municipal Separate Storm Sewer Systems (MS4) Reporting Period March 2018 to March 2019

A. Changes to Best Management Practices (BMP)

In the sixteenth year of the permit year the Village continued practicing the appropriate Best Management Practices (BMP). Status of compliance and assessment of practices will be discussed in item B. There were no changes to the practices and the following is synopsis of activities over the last year.

BMP B1 - Public Participation/Involvement – The Storm Water Management Committee Conducted quarterly meetings. The purpose of the Committee is to provide community awareness, education and neighborhood representation on storm water issues, and make recommendation on storm water issues affecting the Village that require action by the Village Board.

BMP A1 - Public Education and Outreach – Information is posted on the Village's web site regarding methods to keep storm water grates clean. Also, information is available regarding "Prairie Lakes". Prairie Lakes acts as a bio-filter for 178 acre business park by naturally filtering storm water run-off.

BMP A4 – Stream and lake Clean-up – in year 16 debris is removed several times a year from all creeks/streams.

Public Education – Information is posted on the Village's web site regarding methods to keep storm water grates clean. Also, information is available regarding "Prairie Lakes". Prairie Lakes acts as a bio-filter for 178 acre business park by naturally filtering storm water run-off.

BMP B5 - Illicit Discharge Detection and Elimination – Public Reporting – residents report an ordinance violation to the Police, Public Works or Building Department. Staff investigates reports of illicit discharges make necessary inspections and appropriate follow up necessary.

BMP C1 – Storm Sewer Atlas – A storm sewer atlas has been created, is revised as needed and is available for use.

BMP C2 – Illicit Connection and Illegal Dumping Ordinance – Section 110-34 of the Homewood Municipal Code prohibits any illicit connection to the Village's storm water system. Section 110 of the Homewood Municipal Code details proper procedure for connection to the Village's storm water system. The Village code contains provisions for severing unauthorized connection deemed to be illegal dumping into the Village's storm water system.

BMP C3 - Illicit Discharge Detection and Elimination Plan – Plan implemented during 2nd year of permit. Includes walking of creeks, streams and lakes. During this inspection any silt and debris will be removed. Also, staff investigates areas for illicit discharges. Should such a discharge be located the appropriate authorities are contacted to remedy the situation.

BMP C4 – Determine Illicit Discharges – dye testing performed annually. Dye injected in sanitary sewers and then out falls are checked for infiltration and inflow into storm sewer system. Dye also placed into storm sewers to determine flows of existing of storm sewers. By using dye Public Works can insure ensure the flow route of storm sewers.

BMP F1 – Employee Education – Homewood Public Works employees are continually trained on proper housekeeping and proper inspection techniques for identifying illicit discharges.

Public Notification Illicit Discharges – The public is informed of illicit discharges through placement of an illicit discharge id tag on each sewer grate. The tag reminds the public of the dangers of illicit discharges.

Visual Dry Weather Screening – Street work crews walk creeks and lakes to locate any illicit discharges. In first year of permit process an illicit discharge was located and reported to the IEPA and Thorn Creek Sanitary Basin.

BMP F1 - Pollution Prevention/Good Housekeeping – Employee Education – Employees are educated on harm of small spills and the benefits of good housekeeping in an effort to keep the storm water flow clean.

BMP F2 - Inlets are cleaned regularly by DPW Street Department employees. Priority is established during periods of rain based on low areas and areas prone to flooding. The condition of the structure is assessed to determine proper functioning and to detect illicit discharge.

BMP F4 – Street Sweeping Program – Commercial district streets are swept fifteen times per year and a Village wide sweep takes place six times per year. Implemented in first year of permit.

Pollution Prevention – Storm sewer waste is disposed at a licensed waste hauler (Homewood Disposal).

Stream and Lake Clean-up – removed several trees/debris from streams/creeks.

BMP B5 - Construction Site Runoff Control – Public Reporting – see earlier reference to protocol describing reporting of ordinance violations.

BMP D1 – Ordinance – Division 5 of Chapter 46 provides an ordinance for regulation of construction site runoff control.

BMP D4 – Plan Review – Ordinance 46-201 – 46-205 provides general criteria and standards for movement of earth and any sedimentation and erosion control plan. Further, the Department of Public Works uses an Engineering Plan Checklist for Plan Review.

BMP D6 – Site Inspection and Enforcement – implemented in year #2. Chapter 46 of the Homewood Municipal Code, Division 2, section 46-71 states that no person, firm or corporation or governmental agency, unless specifically exempted by law, shall commence any development on any lot or parcel in the Village without first obtaining a site permit from the village. Section 46-36 provides penalties for failure to obtain a permit. The Department of Public Works uses a

Category A Engineering Plan Checklist. The checklist provides for an engineer's review of construction site stormwater runoff controls.

BMP B5 - Post-Construction Runoff Control – Public Reporting – see earlier reference to protocol describing reporting of ordinance violations.

BMP E2 – Maintenance of Storm Water Control Facilities – Maintenance program for storm water control facilities has been instituted. Includes routine checking of pumps, cleaning and monitoring. Further maintenance includes rebuilding storm sewer inlets and vacuuming out any manholes and pipes full of debris.

BMP E2 – Post Construction Runoff Control Ordinance – Chapter 46 of the Homewood Village Code pertains to post construction run-off. Section 46-154 (Minimization of runoff volumes and rates and section 46-155 (Release rates) discuss post construction run-off policies.

Post Construction Runoff Inspection – Chapter 46, section 46-42 of the Village of Homewood Ordinance provides for post construction runoff inspections.

Pre-Construction Inspection – The Department of Public Works, Village Engineer uses an Engineering Plan Checklist including final grading plan approval. The checklist provides for a pre-construction and post construction site stormwater runoff control.