



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, 2019 To March, 2020

Permit No. ILR40 0358

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

Name: Village of Indian Head Park Mailing Address 1: 201 Acacia Drive #1

Mailing Address 2: _____ County: Cook

City: Indian Head Park State: IL Zip: 60525 Telephone: 708.246.3080

Contact Person: John DuRocher Email Address: jdurocher@indianheadpark-il.gov
(Person responsible for Annual Report)

Name(s) of governmental entity(ies) in which MS4 is located: (As it appears on the current permit)

Cook County Lyons Township

Metropolitan Water Reclamation District

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

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:
John DuRocher
Printed Name:

6/18/2020
Date:
Village Administrator
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

NPDES MS4 ANNUAL REPORT – VILLAGE OF INDIAN HEAD PARK

Report Period March 2019 to March 2020

A - Changes to Best Management Practices

The Village of Indian Head Park (Village) underwent an overhaul of its Stormwater Management Program (SWMP) in the previous permit year (2018-2019). No changes have been made since.

B - Status of Compliance

A. Public Education and Outreach

A1 - Distributed Paper Material

The Village produces quarterly newsletters for residents. These newsletters feature helpful information on managing water resources for that specific season, e.g., using deicing materials on driveways in winter or spreading fertilizers in spring.

A3 - Public Service Announcement

The Village is in the process of transitioning from making any stormwater-related public service announcements via its recorded public meetings to the website, specifically the new stormwater webpage.

A6 - Other Public Education

The Village is continuing to refine its stormwater webpage and has added several important documents to the webpage. The webpage will enable more efficient tracking of how many people are reached via Public Education and Outreach efforts, thus making it easier to track progress toward reaching measurable goals.

B. Public Participation and Involvement

B4 - Public Hearing

The Village Public Works Committee has held public meetings wherein they discuss stormwater management.

B5 - Volunteer Monitoring

The Village has maintained an online comment portal (on the general Village website) where residents can lodge comments on stormwater-related matters, should they occur. Village staff track when such comments arrive and when a resolution is reached.

C. Illicit Discharge Detection and Elimination (IDDE)

C1 - Sewer Map Preparation

During the last permit year, the Village has undertaken an effort to locate more outfalls along Flagg Creek. The Village hired a consultant to furnish an updated map in the next permit year (2020-2021). The existing map is included as an attachment to this Report.

C2 - Regulatory Control Program

The Village enacted a “right of entry” ordinance (Village Municipal Code §40-442) allowing for inspection of potential illicit discharges on private property. This ordinance is a part of Chapter 40, Article III, Division 3 - Use of Public Sewers, the set of municipal codes regulating stormwater in the Village. The SWMP references these ordinances.

C3 - Detection/Elimination Prioritization Plan

The Village is in the process of developing an IDDE Plan that, among other results, will prioritize areas most likely to contain illicit discharges. There are 22 outfalls to Flagg Creek throughout the Village, as identified in illicit discharge tracing procedures carried out before and during this permit year.

C4 - Illicit Discharge Tracing Procedures

Village staff continuously observe the drainage system (including outfalls) and watch for potential illicit discharges. These observations were documented and are included in this report.

C5 - Illicit Source Removal Procedures

The Village has applicable ordinances in its municipal code (e.g., §40-445) to enforce removal of illicit discharges.

C6 - Program Evaluation and Assessment

The Village has not yet implemented an official IDDE Plan, but staff have continued to assess the current illicit source detection, tracing, and elimination procedures and intend to craft the IDDE Plan based on these assessments.

C7 - Visual Dry Weather Screening

Village staff perform routine outfall inspections during dry weather. In total, there are 22 outfalls, and the Village inspected 13 of these outfalls. These observations were documented and are included in this report.

C9 - Public Notification

Upon approval of an IDDE Plan, the Village intends to post the IDDE Plan on the stormwater website. Also, the Village has provided information concerning the hazards of illegal discharges in the newsletter.

C10 - Other Illicit Discharge Controls

Over the past permit year, the Village has continued tracking sanitary sewer overflows (SSOs), of which there were none. A report was furnished to MWRD detailing these efforts.

D. Construction Site Runoff Control

D1 - Regulatory Control Program

The Village enforced the MWRD Watershed Management Ordinance (WMO), as well as other applicable Village ordinances. For example, any construction of any building or structure requires a building permit (§6-2) which is reviewed by staff prior to issuance.

D2 - Erosion and Sediment Control BMPs

The Village required that owners install erosion control BMPs as the very first step on their construction sites. Staff reviewed construction site BMPs intended to manage stormwater runoff and water quality degradation.

D3 - Other Waste Control Program

Village staff (and volunteer residents) enforced §40-341 of the Village municipal code prohibiting the dumping/depositing of litter and construction material into the stormwater management system.

D4 - Site Plan Review Procedures

The Village continuously reviewed all site plans, or hired out consultants, to ensure appropriate construction BMPs would be installed on site.

D5 - Public Information Handling Procedures

Currently, public comments are handled as part of the broader comment section of the Village website. Any comments concerning stormwater were included in this section of the website over the past year.

D6 - Site Inspection and Enforcement Procedures

The Village enforced the WMO and other applicable Village ordinances and continued to inform developers and contractors of erosion control requirements. The Village required contractors to perform inspections every week and after significant rainfalls. The Village performed random and unannounced site inspections.

E. Post-Construction Runoff Control

E2 - Regulatory Control Program

The Village enforced both the precepts set out in the WMO and its own ordinances concerning post-construction runoff control, specifically the O&M of BMPs on site.

E3 - Long Term O&M Procedures

The Village requires a two-year maintenance period following completion of construction to ensure there is accountability to repair defects. Over the past year, the Village continued to require these long-term O&M procedures.

E4 - Pre-Construction Review of BMP Designs

The Village Public Works Department reviewed all developments and held developers to the minimum requirements of the WMO.

E6 - Post-Construction Inspections

Village staff performed final inspections of development sites before occupancy of the site could occur.

F. Pollution Prevention and Good Housekeeping

F1 - Employee Training Program

Over the past permit year, the Village did not send staff to any training programs concerning stormwater management (partially due to Covid-19 concerns during the latter portion of the year). However, upon reopening of the state, opportunities for staff education will be sought out.

F2 - Inspection and Maintenance Program

The Village maintained a regular schedule for inspecting and cleaning catch basins, performing maintenance on municipal vehicles, and handling hazardous and organic waste.

F3 - Municipal Operations Stormwater Control

The Village cleaned catch basins and inlets, performed vehicle maintenance indoors and routed runoff to the sanitary sewer system, and maintained a chemical storage space inside the Public Works Department.

F4 - Municipal Operations Waste Disposal

The Village maintained an oil container and inspected vehicles regularly to check for any fluid leaks.

F6 - Other Municipal Operations Controls

The Village maintained domed storage of its deicing materials during winter months. The Village also maintains salt usage records, which are included as an attachment to this report.

C - Information Collected

No monitoring data were collected during this cycle.

D - Summary of Activities for Next Reporting Period

A. Public Education and Outreach

The goals for this BMP include establishing and maintaining relationships with surrounding government entities and Cook County in order to educate the public about water quality. Public awareness will be generated through a variety of media including print, television, and online outreach.

A1 - Distributed Paper Material

Procure specific stormwater-related information for the quarterly Village newsletter. The goal of the newsletter stormwater piece is to encourage sensible management of private property during each season of the year.

A3 - Public Service Announcement

The Village will continue to make public service announcements on its stormwater webpage.

A6 - Other Public Education

The Village will continue to refine and improve its stormwater management webpage.

B. Public Participation and Involvement

The Village encourages public participation in the stormwater management process through several avenues. These practices offer residents the opportunities to have a say in how the Village approaches stormwater.

B4 - Public Hearing

Discuss stormwater management at Public Works Committee meetings and upload records to the Village website.

B5 - Volunteer Monitoring

The Village will continue to collect comments from residents concerning stormwater management via its online comment portal.

B7 - Other Public Involvement

During the next permit year and the year following, the Village will strive to complete an Environmental Justice Assessment (EJA) to determine if any nuanced changes should be made to the SWMP. Results of the EJA will be used in the next permit cycle to better reach populations in the Village that might require, for example, stormwater information in a non-English language.

C. Illicit Discharge Detection and Elimination

The goal of this BMP is to develop and establish an IDDE Plan that will govern efforts to find and remove illicit discharges into the stormwater system and open waterways. The Village continues to update its GIS mapping to assist in illicit discharge detection and follows the procedures outlined in the Municipal Code for illicit discharge removal.

C1 - Sewer Map Preparation

Continue updating the GIS system with new storm sewer information.

C2 - Regulatory Control Program

Review municipal ordinances applicable to an IDDE Plan and incorporate them into the body of the IDDE Plan.

C3 - Detection and Elimination Prioritization Plan

Develop a prioritization plan to rank areas most likely to contain illicit discharges and continue to investigate illicit discharge through observation of the outfalls along Flagg Creek.

C4 - Illicit Discharge Tracing Procedures

Investigate any illicit discharges and assess the efficacy of these procedures in the development of a Village IDDE Plan.

C5 - Illicit Source Removal Procedures

Follow the illicit source removal procedures outlined in the Municipal Code. Assess the efficacy of these procedures and use the results in the development of the IDDE Plan.

C6 - Program Evaluation and Assessment

Assess the efficacy of the illicit source detection, tracing, and elimination procedures and use the results in the development of the IDDE Plan.

C7 - Visual Dry Weather Screening

Perform periodic visual dry weather inspections of outfalls along Flagg Creek.

C9 - Public Notification

Post signs along Flagg Creek alerting residents that dumping anything into the creek is prohibited and causes pollution of local waterways.

C10 - Other Illicit Discharge Controls

The Village will continue tracking areas at high risk for SSOs, and any SSOs that occur will be documented and submitted to MWRD.

D. Construction Site Runoff Control

The Village reviews all plans to ensure their compliance with erosion protection measures. The Village requires installation of erosion control measures including filter baskets in structures, erosion barriers around structures, erosion control barriers around sites, and stabilized construction entrances. Regular inspections on all open sites are conducted to ensure that erosion control measures are adequate.

D1 - Regulatory Control Program

Enforce the WMO as well as other applicable Village ordinances. Continue with inspection and plan review procedures.

D2 - Erosion and Sediment Control BMPs

Continue to require erosion control measures on every site development plan and review each set of plans to ensure compliance with requirements. Continue to inform developers and contractors of erosion control requirements, including establishment of erosion control measures as the first step on construction sites.

D3 - Other Waste Control Program

Continue to enforce the Village dumping prohibition through staff observation and collection of volunteer reports by residents.

D4 - Site Plan Review Procedures

Enforce the WMO as well as other applicable Village ordinances. Continue with inspection and plan review procedures.

D5 - Public Information Handling Procedures

Develop a process for handling comments submitted via telephone or online by residents.

D6 - Site Inspection and Enforcement Procedures

Continue to inform developers and contractors of erosion control requirements. Continue to require contractors to perform weekly inspections and inspections after significant rainfalls. Continue to perform random and unannounced site inspections.

E. Post-Construction Runoff Control

Continue to implement structural and non-structural BMPs and perform long-term O&M to ensure effectiveness. It is crucial that BMPs be maintained during their establishment to encourage retention of stormwater runoff and filtering out pollutants from stormwater.

E2 - Regulatory Control Program

Continue to track the status of all new development projects and Village improvement projects.

E3 - Long Term O & M Procedures

Require two-year maintenance periods following completion of construction on both public and private projects. Track the status of compliance.

E4 - Pre-Construction Review of BMP Designs

Continue to conduct pre-, during, and post-construction inspections to ensure compliance. The Village also strives to encourage use of green infrastructure on sites.

E6 - Post-Construction Inspections

Continue to conduct post-construction inspections to ensure compliance.

F. Pollution Prevention and Good Housekeeping

The Village has a catch basin cleaning program and diligently manages deicing materials, among other practices. The Village aims to be a role model for residents in managing stormwater.

F1 - Employee Training Program

The Village will send at least one employee to an external training session on stormwater management.

F2 - Inspection and Maintenance Program

Continue following the schedule for cleaning catch basins throughout the Village.
Consider purchasing equipment to more efficiently handle such cleaning.

F3 - Municipal Operations Stormwater Control

Continue to clean catch basins, dispose of vehicle waste properly, and maintain the chemical storage space.

F4 - Municipal Operations Waste Disposal

Continue to maintain the oil container and other waste collection facilities.

F6 - Other Municipal Operations Controls

Continue to manage deicing materials during the winter season and maintain records of salt usage.

E - Reliance on Government Entities

The Village of Indian Head Park uses the WMO as a guide to proper pollution inspection, detection, and elimination BMPs.

F - Construction Projects

During construction, all projects sponsored by the Village of Indian Head Park complied with this permit. A list of projects includes the following;

- Water Main Replacement Program (roadways including Blackhawk Trail, Cochise Drive, Tecumseh Lane, Shabbona Road, Pontiac Drive, Waubensee Lane, and 71st Street).
- Roadside drainage ditch reconstruction at intersection of Blackhawk Trail and Waubensee Lane.
- Driveway culvert replacement at 6501 Pontiac Drive.