



May 26, 2016

Ms. Terri LeMasters
Illinois Environmental Protection Agency, DWPC
Compliance Assurance Section #19
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276

RE: Village of Mokena, NPDES Phase II Permit Compliance
HR Green Job No.: 87160163

Dear Ms. LeMasters:

Enclosed please find the NPDES Phase II - Year 13 Annual Report for the Village of Mokena. As the representative of the Village, HR Green, Inc. coordinated with the Village in the completion of the enclosed Annual Report for continued coverage under the General Permit, issued by the Illinois EPA.

If you have any questions, please contact me at 815-759-8370 or at lqilbertsen@hrgreen.com

Sincerely,

HR GREEN, INC.

A handwritten signature in black ink, appearing to read 'Logan Gilbertsen'.

Logan Gilbertsen, P.E., CFM
Water Resources Engineer

LRG

Enclosure

cc: Mr. Paul Pearson P.E., Village of Mokena
Mr. Dan Peloquin, P.E., Village of Mokena

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HRGreen.com

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420 North Front Street, Suite 100, McHenry, Illinois 60050





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, 2015 To March, 2016

Permit No. ILR40 _____

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

Name: Village of Mokena Mailing Address 1: 11004 Carpenter Street

Mailing Address 2: _____ County: Will

City: Mokena State: IL Zip: 60448 Telephone: 708-479-3900

Contact Person: Dan Peloquin / Logan Gilbertsen (HR Gr+) Email Address: dpeloquin@mokena.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 Mokena

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 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))

Paul N. Pearson
Owner Signature:

PAUL N. PEARSON
Printed Name:

5/24/16
Date:

Village Engineer
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 Mokena
NPDES Phase II – Year Thirteen (March 2015-March 2016) Annual Report Summary

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Part A. Changes to Best Management Practices

There were no changes in Year 13 to the Best Management Practices (BMPs) that were outlined in the NOI permit for Years 11-15. A new NOI will be filled for the General Permit No.: ILR40 effective March 1, 2016.

Part B. Status of Compliance with Permit Conditions

The status of BMPs and measurable goals performed in Year 13 are described below.

1. Public Education and Outreach

A.1 Distributed Material

Measurable Goals: The Village currently issues an online newsletter and has NPDES information on their website. An article pertaining to stormwater will be included in the newsletter and/or on the website at least one time per year.

Status: The Village has begun distributing electronic newsletters and has included articles pertaining to proper waste disposal which may reduce the likelihood of wastes ending up in the MS4. The Village also maintains relevant articles on the Village's website. <http://www.mokena.org/index.aspx?nid=232>

A.3 Public Service Announcement

Measurable Goals: The Village currently provides access to educational video on cable television. Some of these videos pertain to stormwater pollution.

Status: The Village has continued to provide educational videos on cable television and is planning on posting an educational video on their website.

A.4 Community Event

Measurable Goals: The Village has an organized community Clean-Up Day. It was introduced in April 1991 and relies on volunteers from the community.

Status: The Village has continued to host Clean-Up Day. In recent years they have seen over 200 volunteers participate. This year's cleanup day had approximately 50 volunteers and included tree and wildflower planting as well as special waste collection services. Some photos from the event are available here: <http://www.mokena.org/photoview.aspx?phid=292>

2. Public Participation/Involvement

B.6 Program Coordination

Measurable Goals: The Village has an Adopt-A-Roadway program whereby public or private organizations or clubs can offer to clean up highway ditches (part of the MS4) on a bi-annual basis. The Village will continue to promote this program to provide opportunities for public involvement.

Status: The Village has continued to maintain the Adopt-A-Roadway program whereby public or private organizations or clubs can offer to clean up highway ditches (part of the MS4) on a bi-annual basis. This program is promoted on the Village's website. Similar to the Adopt-A-Roadway program, the Village promotes an Adopt-A-Pond program where volunteers can help maintain clean aquatic environments and a Prairie Planting program for planting empty lots. The Village has been maintain a steady number of volunteers.

3. Illicit Discharge Detection and Elimination

C.1 Storm Sewer Map Preparation

Measurable Goals: The Village will complete an outfall map along with mapping all of its known or observed storm sewers and culverts, and will update the map, as needed.

Status: The Village had a complete outfall map in AutoCAD and printed format. This past year the Village completed a full conversion to a GIS format. The Village plans on expanding the capabilities of its GIS outfall data.

C.2 Illicit Discharge Detection and Elimination (IDDE) Ordinance

Measurable Goals: The Village will adopt and enforce an Illicit Discharge Detection and Elimination (IDDE) Ordinance and make updates to the Ordinance as needed.

Status: The Village board has adopted ordinance number 2014-0-048. The Village now has an enforceable IDDE Ordinance and will continue to enforce and update the ordinance on an as-needed basis. In the past year the Village has not had any instances where enforcement of the IDDE Ordinance was required/

C.3 Detection/Elimination Prioritization Plan

Measurable Goals: The Village will utilize Dry Weather Screening to identify illicit discharges. The Storm Sewer Outfall Map will aid in identifying areas at risk for illicit discharges. Outlets shown on the Outfall Map will be prioritized and visited at least once every 5 years.

Status: The Village has continued developing, training, and educating employees to perform activities such as illicit discharge tracing procedures and visual dry weather outfall screening. The Village has prioritized the outfalls and has a goal of visiting a minimum of 10 per year and a goal of visiting each outfall at least once every 5 years. In Year 13, Village staff visited the planned number of outfalls and filled out inspection forms for each visited outfall.

C.4 Illicit Discharge Tracing Procedures

Measurable Goals: The Village will continue to develop, train, and educate employees in relevant positions to perform activities such as illicit discharge tracing procedures and visual dry weather stormwater outfall screening. The Village will utilize these Tracing Procedures to find the source of illicit discharges. The Storm Sewer Outfall Map and Storm Sewer Map will assist in identifying areas to be inspected.

Status: The Village has continued developing illicit discharge tracing procedures, and will implement the procedures through the training and education of employees. The Village has protocol in place for dealing with the possible discovery of any illicit discharges.

C.5 Illicit Source Removal Procedures

Measurable Goals: The Village will develop written procedures and perform Illicit Discharge evaluations in accordance with BMPs C.4 and C.7. If any illicit discharges are suspected or found, The Village will inform the County for further enforcement action, under the County Ordinances.

Status: The Village has continued developing procedures and will continue to perform Illicit Discharge evaluation in accordance with BMPs C.4 and C.7. With the adoption of the IDDE Ordinance, the Village now has the ability to issue violations for offenders.

C.7 Visual Dry Weather Screening

Measurable Goals: The Village will use visual dry weather screening to identify illicit discharges. A multi-year schedule will be prepared for visiting each known outlet to perform the screening in accordance with the priority areas identified in C.3. A standardization form will be used to keep a record of the screenings as they take place.

Status: The Village has been completing scheduled visits of known outfalls and will continue visiting outfalls. The Village has prioritized the outfalls and has developed the goal of visiting a minimum of 10 outfalls per year and visiting all outfalls at least once every 5 years. In Year 13, Village staff visited the planned number of outfalls and filled out inspection forms for each visited outfall.

C.8 Pollutant Field Testing

Measurable Goals: The Village will test water samples collected during dry weather outfall inspections and keep a record of the test results.

Status: The Village currently utilizes the laboratory at their municipal wastewater facility to test water samples collected at outfalls and in local ponds. The Village tests for fecal coliforms, pH, and chlorine. The results are kept on record to establish a baseline level of pH, chlorine and fecal coliforms for the outfalls tested.

C.10 Public IDDE Reporting Hotline

Measurable Goals: The Village will organize and maintain a hotline for residents to report suspicious stormwater discharges or possible illegal dumping.

Status: The Village has a hotline to report issues and will continue this service. The hotline is available here: <http://www.mokena.org/index.aspx?nid=232>

4. Construction Site Runoff Control

D.1 Regulatory Control Program

Measurable Goals: The Village will develop a regulatory control program providing regulations for site development.

Status: The Village currently requires developers to submit a SWPPP and has a stormwater ordinance that is at least as stringent as the Will County Stormwater Management Ordinance.

D.2 Erosion and Sediment Control BMP's

Measurable Goals: The Village will require developers to have BMP's in place prior to the beginning of construction.

Status: This is required by the Will County Stormwater Management Ordinance.

D.4 Site Plan Review Procedures

Measurable Goals: The Village will require all construction plans to be reviewed by an engineer prior to site development begins.

Status: The Village currently reviews construction plans to ensure that the appropriate procedures are included.

D.5 Public Information Handling Procedures

Measurable Goals: The Village will supply a mechanism for the Public to report issues and concerns related to development site conditions.

Status: The Village currently maintains a hotline where residents can call in or email concerns. The hotline is available here:
<http://www.mokena.org/index.aspx?nid=232>

D.6 Site Inspection/Enforcement Procedures

Measurable Goals: The Village will require developers to do weekly inspections of the development site and keep a copy of their SWPPP on site.

Status: The Village will work through their ordinance to require developers to conduct weekly inspections and keep a copy of their SWPPP on site.

5. Post-Construction Runoff Control

E.4 Pre-Construction Review of BMP Designs

Measurable Goals: The Village staff and/or their engineer will review development plans, including proposed temporary and permanent best management practices, prior to issuing a construction permit.

Status: The Village staff and/or their engineer will continue to review proposed best management practices prior to construction.

E.5 Site Inspections During Construction

Measurable Goals: Inspection procedures, as prescribed by the SMO, are currently being followed by the Village for the orderly inspection of development activities. Enforce the SMO and adopt any new amendments.

Status: The Village will continue to follow inspections of development activity procedures.

E.6 Post-Construction Inspections

Measurable Goals: The Village will develop regulations requiring post-construction inspections to confirm that there are no apparent causes of runoff contamination left on the site.

Status: The Village currently performs post-construction inspections and will continue to perform these inspections.

E.7 Other Post-Construction Runoff Controls

Measurable Goals: The Village will provide guidance to developers stating that the Village prefers wet bottom retention ponds, open space design considerations, and the use of native plantings where applicable.

Status: The Village currently reviews site plans and comments that they prefer wet bottom retention ponds, conservation of open space, and use of native plants. The Village will continue with this practice.

6. Pollution Prevention/Good Housekeeping

F.1 Staff Training

Measurable Goals: The Village will continue to train and educate its employees in relevant positions to perform activities such as illicit discharge tracing procedures and visual dry weather stormwater outfall screening. The Village will also seek other opportunities for training through seminars and other training materials widely available.

Status: The Village has continued training and educating employees to perform illicit discharge tracing procedures and visual dry weather outfall screening. Formal stormwater pollution prevention training is scheduled for the summer of 2016. During Year 13, Highway Department staff attended winter road salt application training.

F.2-F.4 Village of Mokena Facility Operation and Maintenance Program

Measurable Goals: The Village will develop an operation and maintenance program to address the maintenance needs of its properties. The Program will include a description of all Properties, Fleet and Building Maintenance, and Erosion Control Procedures for new construction or other land disturbance, and prevention and containment of hazardous material spills.

Status: The Village has developed an operation and maintenance program. The Village utilizes contained storage of materials, a vehicle wash station, and has spill cleanup protocol in place. Also included in the Villages maintenance program is regular cleaning of pond troughs. The Village will continue to maintain the current program.

F.6 Other Municipal Operations Controls

Measurable Goals: The Village will create and maintain a street sweeping program to reduce the amount of sediments and debris which can potentially enter the MS4.

Status: The Village currently has a street sweeping program and will continue with scheduled street sweeping.

Part C. Information and Data Collection Results

The protocol established in the permit was followed; no illicit discharges were observed and no illicit discharges were tested. One possible illicit discharge was reported however, the Village investigated and determined that the report was incorrect.

Part D. Summary of Year 14 Stormwater Activities

The Village of Mokena will be submitting a new NOI for coverage under the General NPDES Permit No.: ILR40 which became effective on March 1, 2016. This NOI will be submitted to the IEPA no later than May 31, 2016.

Please see the new NOI for a list of the stormwater activities that will be performed during the current NPDES reporting period (March 1, 2016 – February 28, 2017).

Part E. Notice of Qualifying Local Program

There are currently no Qualifying Local Programs that the Village wishes to rely on to meet the NPDES Phase II requirements.

Part F: Construction Projects Conducted During Year 13

There were no construction projects initiated by the Village that disturbed more than one acre of land during Year 13.

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