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May 28, 2021

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 Homer Glen, NPDES Phase II Annual Update (2020/2021)
HR Green Job No. 210435

Dear Ms. LeMasters:

Enclosed please find the NPDES Phase II - Year 18 Annual Report and an updated Notice of Intent for the Village of Homer Glen. As the representative of the Village, HR Green, Inc. coordinated with the Village in the completion of the enclosed Annual Report and Notice of Intent 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 lgilbertsen@hrgreen.com

Sincerely,

HR GREEN, INC.

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

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

lp/lg

Enclosed: NPDES Annual Update 2020/2021
Notice of Intent

cc: Michael Salamowicz, Village Development Services Director
Mr. Akram Chaudhry, HR Green, Inc.

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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, 2020 To March, 2021

Permit No. ILR40 _____

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

Name: Village of Homer Glen Mailing Address 1: 14240 W. 151st Street
Mailing Address 2: _____ County: Will
City: Homer Glen State: IL Zip: 60491 Telephone: 708-301-0632
Contact Person: Michael Salamowicz / Logan Gilbertsen Email Address: msalamowicz@homerglenil.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 Homer Glen

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))

Owner Signature:
Michael Salamowicz
Printed Name:

5/24/2021
Date:
Development Services Director
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 Homer Glen
NPDES Phase II – 2020-2021 Annual Report Summary

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Part A. Changes to Best Management Practices

There were no changes in the Best Management Practices (BMPs) that were outlined in the NOI submitted by the Village of Homer Glen to the IEPA.

The Village has reviewed the Illinois Environmental Protection Agency's (IEPA) website for current information regarding approved or ongoing Total Maximum Daily Load (TMDL) limits on streams within the Municipal Separate Storm Sewer System (MS4) service area. According to the 303 (d) Listed Water Maps, there are impaired waterbodies within the Village of Homer Glen limits. That waterbodies are: Spring Creek (Assessment ID: IL_GGA-02), Fiddymont Creek (Assessment ID: IL_GHC) and Hickory Creek (Assessment ID: IL_GG-04) although these waterways are impaired, there are no ongoing or approved Total Maximum Daily Load (TMDL) limits for the streams. Therefore, no changes to the existing BMP's will be required to comply with a TMDL at this time.

Part B. Status of Compliance with Permit Conditions

The status of BMPs and measurable goals performed in Year 2020-2021 are described below.

1. Public Education and Outreach

A.1 Distributed Material

Measurable Goals: Include a public service announcement (PSA) at least once annually in the Mayor's Blog and maintain the NPDES Phase 2 information on the Facebook Page and the website. The Village will make available NPDES Phase 2 brochures at the Village Hall and track numbers of materials distributed and maintain informational center.

Status:

The Village currently maintains a web page dedicated to NPDES which contains links to the past facility inspection reports and last year's annual update letter. Also on this page is a link to an EPA Stormwater Brochure titled "After the Storm", which provides information on stormwater runoff and pollution, as well as ways to prevent pollution.

Additionally, the Village's website has information about rain gardens and their impact on reducing pollutant loads, links to the EPA's website, information about invasive plants, conservation design, tree preservation and other environmental topics (<https://www.homerglenil.org/2226/Environment>). The Village also has an Environment Committee that typically meet once a month and whose goal is to support Homer Glen's natural resources.

The Village will prepare a PSA for the Mayor's blog and NPDES Phase 2 information for their Facebook page for the Year 2021-2022.

According to the Environmental Justice Screening tool at <https://ejscreen.epa.gov/mapper/>, Homer Glen contains a small area where a majority of the population is linguistically isolated. The Village feels that this is inaccurate as this portion of the Village is predominantly commercial.

Public Education and Outreach Evaluation –

The program is doing a good job at educating the public. The Village is advancing its NPDES program and is optimistic about future years. The Village will focus on preparing updated information to publish on the Village Facebook page in Year 19.

2. Public Participation/Involvement

B.4 Public Hearing

Measurable Goals: Present Municipal NPDES Phase II presentation to the Village Board. Present a summary of the ongoing program implementation at least once annually at a public meeting or board meeting. Continue with coordination of various creek cleanup efforts annually with the help of community groups and the Township Highway Department.

Status:

The Village discussed the ongoing stormwater BMP maintenance at Heritage Park during public board meetings. Additionally, creek cleanups and maintenance along Long Run Creek were discussed at multiple Board and

committee meetings. The Village will prepare an NPDES Phase II presentation for a public or Village Board meeting in Year 19.

In Year 18, Homer Glen has continued discussions with Homer Township on creek clean up efforts and ways to target areas in need of clean up. HOAs within Homer Glen maintain their own detention ponds and generally clean their communities, which helps to keep the creeks free of trash and debris. In particular, the Oak Valley HOA and the Twin Lakes HOA plan on dredging their basins. The Twin Lakes HOA is also planning to install a forebay at the inlet which is a stormwater BMP to help removed sediment from the waterway. The Village has been providing support and guidance on stormwater BMPs that can be installed in and around these basins.

Public Participation/Involvement Evaluation –

The Village feels that the current program is still developing but has been and has been successful in getting people educated and involved. The Village planned to host a walking tour of a recently completed Section 319 Grant funded project in late summer of 2020 however the pandemic did not allow that to take place. The Village has partnered with the Will County Forest Preserve District to host educational events within the improved stormwater BMP areas. These are planned for late summer 2021.

The Village had been involved with the Hickory Creek Watershed Planning Group, which dissolved in 2019. The Village attended the last group meeting on July 6, 2019. The Village has become involved in the Lower Des Plaines watershed group and has attended virtual meetings in Year 18.

3. Illicit Discharge Detection and Elimination

C.1 Storm Sewer Map Preparation

Measurable Goals: The Village will collect map data in 2018 and prepare the map in 2019. The map will be updated yearly. The Village will locate visible outfalls by listing discharge locations to various outfalls and will locate stormwater management basins on the map.

Status: The storm sewer atlas has been completed by the Village and will continue to be updated as there are additions to the storm sewer atlas. The atlas is currently planned to be utilized as the basis for the outfall map.

With the atlas being completed in 2020, the Village also purchased a GPS unit which will be used to further identify the locations of additional MS4 outfalls.

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

Measurable Goals: Adopt and enforce an IDDE ordinance.

Status: The Village board has adopted ordinance number 19-008. The Village now has an enforceable IDDE Ordinance and will continue to enforce and update the ordinance on an as-needed basis.

C.3 Detection/Elimination Prioritization Plan

Measurable Goals: Develop/implement the Prioritization Plan, prioritize outfalls and visit them at intervals established in the plan. Follow the plan by visiting high priority outfalls annually.

Status: The Prioritization Plan is still in process in 2021 and will be used to prioritize outlets. It is anticipated that high priority outlets will be located in portions of the Village where septic tanks are in use and in commercial/industrial areas. The high priority outlets will be visited annually and all outlets visited at least once every five years.

C.4 Illicit Discharge Tracing Procedures

Measurable Goals: The Village will implement Illicit Discharge Tracing Procedures.

Status: The Village completed a tracing procedure plan in April 2018 and will implement the Illicit Discharge Tracing Procedures as needed.

C.5 Illicit Source Removal Procedures

Measurable Goals: The Village will implement the Illicit Source Removal Procedures.

Status: In Year 18 the Village received report of two potential illicit discharges.

A resident along Stonegate Drive reported discoloration within their detention basin. The Village investigated and traced the source of the sediment laden water upstream through the storm sewer system to its source which was a watermain break. The sediment was the material being flushed out by the main break. The break was repaired and the site restored.

A resident along Oak Trail reported discoloration in the stream. The Village investigated and determined that the sheen on the water was not from an illicit discharge but rather due to low flows within the stream. No further action was taken.

C.7 Visual Dry Weather Screening

Measurable Goals: The Village contracts with the Highway Department for maintenance performing dry weather screening. A multi-year prioritization schedule has been prepared for visiting each known outlet to perform the screening in accordance with the priority areas identified in C.3. The "Outfall Reconnaissance Inventory/Sample Collection Field Sheet" will be used to keep a record of the screenings as they take place.

Status: The storm sewer atlas was completed in 2020. The Village is currently in preparation of the outfall map and will begin dry weather screening in Year 19. The Village is new to the NPDES program having just joined in the 2018/19 cycle. The Village has done substantial work to develop the program and has completed large scale mapping and preparation for completing the upcoming outfall investigations.

The Village has invested in a GPS unit to assist in outfall investigations. It will be used during the summer of 2021 during inspections.

4. Construction Site Runoff Control

D.1 Regulatory Control Program

Measurable Goals: The Village will continue to enforce the Village's "Water Resource Management Ordinance" (WRO), also known as the Stormwater Ordinance, which is based on the Water Resource Ordinance for Will County (currently part of the Village's Ordinance), participate in WRO revision processes, and adopt amendments. The WRO provides significant protections for natural stormwater resources, floodplains, wetlands, and erosion and sediment control.

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 continue to enforce the Village's Water Resources Ordinances, which are based on the Water Resource Ordinance for Will County (WRO) (currently part of the Village's Ordinance), participate in WRO revision processes, and adopt amendments. The WRO provides significant protections for natural stormwater resources, floodplains, wetlands, and erosion and sediment control.

Status: This is required by the Will County Stormwater Management Ordinance. The Village continues to require developers to have BMP's in place prior to the beginning of construction.

D.3 Other Waste Control Program

Measurable Goals: The Village will review proposed amendments to the IDDE ordinance that are provided by IEPA and will review any changes to the WRO proposed by Will County. The existing ordinance may be amended to conform with ordinance revisions proposed by IEPA and Will County.

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

D.4 Site Plan Review Procedures

Measurable Goals: The Village is currently following procedures, as specified in the WRO, for the orderly review and inspection of development activities.

Status: The Village currently reviews construction plans to ensure that the appropriate procedures are included. For complex projects, the Village consults with their team of consultants to review detailed stormwater designs and sensitive areas. The Village also requires that BMP's be incorporated into the design. These include bio-swales, vegetated swales, wetland basins and other water quality measures.

D.5 Public Information Handling Procedures

Measurable Goals: The Village has a process for addressing comments that are brought to its attention. The process has been in place at the Village and was formally implemented/documented by the Village as part of this permit.

Status: The Village maintains an online request tracker in which residents can report various concerns. The reports are then routed to relevant Village staff to investigate. <https://www.homerglenil.org/requesttracker.aspx> All comments received through this portal in Year 18 were effectively processed and addressed.

D.6 Site Inspection/Enforcement Procedures

Measurable Goals: Inspection procedures, as prescribed by the WRO, are currently being followed by the Village for the orderly inspection of development activities. The Village has created inspection reports to assist with the enforcement procedures. The inspection procedures include information on how notices of erosion control failures reported by the public will be directed to inspectors and Village staff for action.

Status: The Village currently has two enforceable ordinances relating to construction site runoff. Village staff completes multiple site inspections over the course of a construction project. Inspections occur before, during and after construction. Inspections are completed by the Village's Building and Code department and occasionally specialists are brought in when sensitive areas such as streams; ponds or wetlands are involved. For projects which require a permit from the Army Corps of Engineers, the developer is required to contract with the Will County Soil and Water Conservation District who completes soil erosion and sediment control inspections of the site.

In Year 18, the Village completed 83 single family and commercial development erosion inspections. Of those inspections 14 notices were sent and one of those resulted in a violation letter and enforcement procedures.

Construction Site Runoff Control Evaluation –

The Village feels very positive about the current program and about the future of this BMP. With the approval of the IDDE ordinance and the adoption of the Will County WRO, the Village feels that their ability to inspect and enforce construction site runoff control is strong. The Village also feels their process for addressing public comments is working well. All comments submitted online were processed in Year 18. No changes are proposed to this BMP.

5. Post-Construction Runoff Control

E.2 Post-Construction Regulatory Control Program

Measurable Goals: The Village will continue to enforce the WRO, participate in WRO revision processes, and adopt amendments. The WRO provides significant protections for natural stormwater resources.

Status: The Village staff and/or their engineer will continue to review proposed best management practices prior to construction. The Village currently performs follow up inspections before releasing the letter of credit. The Village will continue this practice.

E.3 Long Term O&M Procedures

Measurable Goals: The Village may require the creation of homeowner's associations to maintain stormwater infrastructure associated with new developments. The maintenance requirements for the detention basins are outlined in the subdivision CCR's and reviewed by the Village prior to approval. The Village may also require the creation of a dormant Special Service Area (SSA) which will enable the Village to take over maintenance of the stormwater facilities, at the expense of the members of the association, should the association disband or fail to fulfill its maintenance requirements. The Village will also continue to enforce the WRO, participate in WRO revision processes, and adopt amendments.

Status: As part of their most recent ordinance, the Village is beginning to require dormant SSAs. The Village staff and/or their engineer will continue to review proposed best management practices prior to construction. The Village currently performs follow up inspections before releasing the letter of credit. The Village will continue this practice.

E.4 Pre-Construction Review of BMP Designs

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

issuing a permit for construction.

Status: The Village staff and/or their engineer will continue to review proposed best management practices prior to construction. The Village currently performs follow up inspections before releasing the letter of credit. The Village will continue this practice. The Village requires water quality BMP's to be part of the design and they carry out inspections to ensure that the BMP's are constructed, stabilized and functioning.

E.5 Site Inspections During Construction

Measurable Goals: Inspection procedures, as prescribed by the WRO, are currently being followed by the Village for the orderly inspection of development activities. The Village has created inspection reports to assist with the enforcement procedures. Enforce the WRO, participate in WRO revision process, and adopt amendments.

Status: The Village has continued to follow inspections of development activity procedures. The Village will continue to enforce the WRO and adopt any new amendments as needed.

Post-Construction Runoff Control Evaluation -

The Village feels that the current program is adequate and effective. No changes are proposed to this BMP.

6. Pollution Prevention/Good Housekeeping

F.1 Staff Training

Measurable Goals: The Village will continue to enforce the Pollution Prevention Plan for Village activities, and ensure that staff working on their behalf in the Village are trained. The Village will work with the Township Highway Department to verify all staff are adequately trained. The Village contractor will conduct annual training for employees in relevant positions that will implement or utilize BMPs such as waste disposal, spill cleanup and facilities operation and maintenance. The Village will request documentation of training events and attendance. Any new training materials will be developed based on guidance and materials that are widely available. Training materials may be handouts, videotapes, etc.

Status: In June 2020 and April 2021, the Village's Civil Engineer completed DuPage County's Pollution Prevention Training, which provided training on stormwater pollution and erosion control measures. Members of the Homer Glen Highway Department who complete snow and ice management services for the Village are annually trained on the appropriate application of road salt and de-icing methods.

On October 8th and October 14th, 2020 Village Staff attended training for deicing practices for public streets, parking lots and sidewalks.

F.2 Inspection and Maintenance Program

Measurable Goals: The Village has inventoried their activities that impact stormwater. The Village contracts all street maintenance to the Homer Glen Township Highway Department. Regular maintenance activities have been identified and a schedule has been established for regular maintenance activities such as outfall inspection and ditch maintenance. The Township owns a street sweeper to sweep all streets approximately once per year and supplemental

sweeping is conducted as needed. The township removes and disposes of all collected debris as part of their contract. The Township vacuums catch basins periodically. Supplemental vacuuming is conducted as needed based on visual inspection of the catch basins. Salt is stored indoors on a concrete pad. There is a triple basin in the Township garage for indoor vehicle washing. The township has an Operation and Maintenance (O&M) Program and a training program.

Status: The Village has continued to rely on the Township for roadway sweeping and maintenance. Street sweeping and vacuuming was completed per schedule and as needed. The Village's own maintenance staff maintains parks and trails through with mowing and other maintenance tasks. The Village's staff does not store any machinery outdoors nor do they store any fertilizer, salt, solvents or other potentially harmful compounds outdoors. The Village does have an above ground fuel storage tank which is protected with bollards and inspected daily during operations.

F.3 Municipal Operations Waste Disposal

Measurable Goals: The Village has inventoried their activities that impact stormwater. Regular maintenance activities have been identified and a schedule has been established for regular maintenance activities such as outfall inspection and ditch maintenance. The Homer Glen Township Highway Department manages all Village Streets and is responsible for sweeping all streets approximately once per year and supplemental sweeping is conducted as needed. The township removes and disposes of all collected debris as part of their contract. Salt is stored indoors on a concrete pad at the Township Highway Department. There is a triple basin in the garage for indoor vehicle washing. An Operation and Maintenance (O&M) Program has been developed along with a training program.

Status: The Village has a contract with NuWay Disposal who completes waste management services for the Village. NuWay collects general trash, yard waste, branches and recycling. The Village website discusses disposal of items such as fluorescent light bulbs, electronic waste and yard wastes. The Village participates in these disposal programs. Additionally, any oils, paints, solvents or other potentially harmful substances resulting from municipal operations are disposed of properly. The Village also hosted a Hazardous Waste Collection on March 14, 2020, which provides a way for residents from all over Will County to properly dispose of oil-based paints, stains and varnishes, antifreeze, mercury, batteries and other harmful waste.

F.4 Municipal Operations Waste Disposal

Measurable Goals: The Village will properly dispose of all waste according to the O&M Program. NuWay Disposal Service is the current contractor for garbage removal and recycling.

Status: The Village continues to work with NuWay Disposal for garbage removal and recycling.

Pollution Prevention/Good Housekeeping Evaluation –

The Village feels that the current program is adequate, and they are continuing to make a conscious effort to maintain well-kept facilities. No changes to this BMP are proposed.

Part C. Information and Data Collection Results

The protocol established in the permit was followed;

Part D. Summary of Year 2021-2022 Stormwater Activities

The Village of Homer Glen submitted a new NOI for coverage under the General NPDES Permit No.: ILR40 which became effective on March 1, 2021. This NOI was submitted to the IEPA in May of 2018. Per the NOI, the Village will complete the following during Year 2021/2022:

- A.1 – Include a yearly PSA on the Mayor's Blog about NPDES. Maintain/update the information on the Facebook Page and Website.
- B.4 – Present ongoing program summary at least once annually at a public meeting or a selected Village Board meeting.
- C.1 – Maintain/update the Storm Sewer Outfall Map, as needed.
- C.2 – Continue enforcement of the IDDE ordinance.
- C.3 – Implement Prioritization Plan and update/modify as necessary.
- C.4 – Implement Tracing Procedures and update/modify as necessary.
- C.5 – Implement Removal Procedures and update/modify as necessary.
- C.7 – Inspect outfalls per the Prioritization Schedule using the Outfall Reconnaissance Inventory/Sample Collection Field Sheet.
- D.1 – Enforce the WRO, participate in the WRO revision process, and adopt amendments.
- D.2 – Enforce the WRO, participate in the WRO revision process, and adopt amendments.
- D.3 – Maintain/update the IDDE ordinance as required by IEPA. Enforce the WRO, participate in the WRO revision process, and adopt amendments.
- D.4 – The Village will continue to follow review of development activity procedures as written in the WRO. The Village will continue enforcing the WRO, participating in WRO revision processes, and adopting amendments.
- D.5 – Maintain Public Information Handling Procedures and update/modify as necessary.
- D.6 – The Village will continue to follow inspection of development activity procedures as written in the WRO.
- E.2 – Enforce the WRO, participate in the WRO revision processes, and adopt amendment
- E.3 – The Village will consider creation of Homeowners Associations and Dormant SSAs to ensure ongoing maintenance of stormwater infrastructure. The Village will also continue to enforce the WRO, participate in WRO revision processes, and adopt amendments.
- E.4 – Village staff and/or their engineer will continue to review proposed best management practices prior to construction.
- E.5 – The Village will continue to follow inspection of development activity procedures as outlined in the WRO.
- F.1 – Continue to verify employees in relevant public works positions are trained to use and implement stormwater BMPs.
- F.2 – Continue contracting the Inspection and Maintenance Program with the Homer Glen Township Highway Department.
- F.3 – Implement O&M Program and continue to implement training program.
- F.4 – Implement O&M Program; review and revise this program on an annual basis

Please see the NOI for a detailed description of the stormwater activities that will be performed during the current NPDES reporting period (March 1, 2021 – February 28, 2022).

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 2020-2021

No Notices of Intent were submitted by the Village in Year 18.

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