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May 25, 2018

Mr. Terri LeMasters Illinois Environmental Protection Agency Division of Water Pollution Control 1021 North Grand Avenue East Springfield, IL 62794-9276

RE: VILLAGE OF LAKE IN THE HILLS, NPDES PHASE II – YEAR 15 ANNUAL REPORT

Dear Mr. LeMasters:

Enclosed please find the NPDES Phase II – Year 15 completed Annual Report for the Village of Lake in the Hills for continued coverage under the General Permit issued by the Illinois Environmental Protection Agency (IEPA).

If you have any questions or concerns, please contact me at (847) 960-7500.

Sincerely,

VILLAGE OF LAKE IN THE HILLS

Dan Kaup

Public Works Director

Enclosure

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Part B. Status of Compliance with Permit Conditions

The status of BMPs and measurable goals performed in Year 15 are described below.

1. Public Education and Outreach

A.1 Distributed Paper Material

Measurable Goals: Continue to distribute and maintain informational center.

Status: The Village has distributed educational materials through an informational center at the

Village Hall and at the Public Works Facility. Materials are also distributed at the annual Public Works Open House. There were four Lake Notes and six Coal Tar Based Sealant brochures handed out at the Open House. Articles are also placed in the Lake in

the Hills Messenger and Resident Insider.

A.2 Village Website Stormwater Education

Measurable Goals: Create web page on Village website with stormwater educational materials.

Status: The Village currently has a Frequently Asked Questions and Information page posted

on the Village website. The website informs the public of the NPDES program and about non-point source pollution. It has many of the frequently asked questions residents are looking for with answers. The website is a continuing project and will continue to receive additional information pages on causes of stormwater pollution and

what residents can do to help.

2. Public Participation/Involvement

B.4 Public Hearing

Measurable Goals: Present summary of ongoing program implementation at least once annually at public

meeting of function.

Status: As part of the budget process, drainage improvement and maintenance efforts were

discussed. During the Public Works Open House drainage questions were asked by

residents and answered by divisional staff.

B.5 Community Involvement

Measurable Goals: Create opportunity for community involvement in stormwater program.

Status: The Village has utilized community involvement in creek line and detention area

cleanup. Five Community Service individuals have been used and participated in cleanup

efforts during summer months.

3. Illicit Discharge Detection and Elimination

C.1 Storm Sewer Map Preparation

Measurable Goals: Continue locating visible outfalls on base map and update as needed.

Status: The Village has continued mapping the outfalls through field survey and subdivision

plan review. There were two updates submitted this year. The Village's Storm Sewer Atlas receives updates yearly to reflect these changes and is an ongoing project.

Status: The Village has enforced the Stormwater Management Ordinance by reviewing pre-

construction site plans to ensure consistency with local sediment and erosion control requirements. The Village engineer has checklists related to information required by ordinance, a template work plan for plan reviews and a typical review letter, all of

which ensure consistency with local requirements.

D.5 Public Information Handling Procedures

Measurable Goals: Track number of complaints received and processed related to soil erosion and

sediment control.

Status: The Village utilizes a tracking system for handling received complaints related to soil

erosion and sediment control. There was one issue related to erosion that was identified

and repaired.

D.6 Site Inspection/Enforcement Procedures

Measurable Goals: Enforce the SMO.

Status: The Village has enforced the SMO, which contains inspection/enforcement procedures

for development activities. There was one inspection and enforcement procedures

required for silt fence installation.

5. Post-Construction Runoff Control

E.2 Regulatory Control Program

Measurable Goal: Enforce the SMO, participate in SMO revision process, and adopt amendments.

Status: The Village has enforced the SMO, participated in SMO revision process, and adopted

amendments. The Village is an active member of the McHenry County Stormwater

Technical Advisory Committee.

E.3 Long Term O&M Procedures

Measurable Goal: Continue to require Homeowners Associations and Dormant SSA's, and continue to

enforce the SMO, participate in SMO revision processes, and adopt amendments.

Status: The Village has required the creation of HOAs to maintain stormwater infrastructure

associated with new developments. The maintenance requirements for the detention basins are outlined in the subdivision CCR's and are reviewed by the Village prior to approval. The Village also has required the creation of a 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 also has enforced the SMO, participated in

SMO revision processes, and adopted amendments.

E.4 Pre-Construction Review of BMP Designs

Measurable Goal: Enforce the SMO. Begin process of conducting inventory of structural runoff controls.

Status: The Village has enforced the SMO and conducted dry weather outfall screenings of

structural runoff controls.

E.5 Site Inspections During Construction

Measurable Goal: Enforce the SMO.

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pipes and pipe inspection. The Village also has in place a program for catch-basin inspection. A Drainage Inspection Plan has been implemented and a comprehensive detention review was conducted. There are fifteen monthly culvert inspections performed, twenty wet and dry bottom detention areas inspected two times per year. Maps of the detention areas have been created indentifying structures, restrictors and overflow areas. All creeks are inspected yearly.

F.4 Municipal Operations Waste Disposal

Measurable Goals: Continue to identify and implement spill prevention and control procedures. Track

amount of sweeper spoils collected and hauled away.

Status: The Village has in place a Spill Prevention, Control and Countermeasures (SPCC)

Plan. Educational materials and training in spill prevention and control is an ongoing process. From March to March the Village has collected and hauled away sixty cubic

yards of sweeper spoils.

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Part D. Summary of Year 16 Stormwater Activities

Below are listed the various BMPs which have milestones to be completed in Year 16, as outlined in the NOI as part of the second permit term (for Years 11-16). The specific milestone to be completed for each BMP is shown.

- A.1—Continue to track numbers of materials distributed and maintain informational center.
- A.2—Create web page on Village website with stormwater educational materials.
- B.4—Present summary of ongoing program implementation at least once annually at public meeting.
- B.5—Create opportunity for community involvement in stormwater program.
- C.1—Continue mapping the outfalls through field survey and subdivision plan review.
- C.2—Implement, review and conduct final Illicit Discharge Detection and Elimination (IDDE) Ordinance.
- C.3—Implement, review and conduct the Prioritization Plan.
- C.4—Implement, review and conduct Illicit Discharge Tracing Procedures.
- C.5—Implement, review and conduct Illicit Source Removal Procedures.
- C.7—Implement, review and conduct procedures for field employee training.
- C.8 —Perform yearly field sampling and testing of outfalls.
- D.1-D.4—Continue to enforce the SMO.
- D.5—Continue to develop a tracking system for handling received complaints related to soil erosion and sediment control.
- D.6—Continue to enforce the SMO, which contains inspection/enforcement procedures for development activities.
- E.2—Continue to enforce the SMO, participate in SMO revision process, and adopt amendments.
- E.3—Continue to require Homeowners Associations and Dormant SSAs, and continue to enforce the SMO, participate in SMO revision processes, and adopt amendments.
- E.4—Continue to enforce the SMO and continue with the process of conducting inventory of structural runoff controls.
- E.5—Continue to enforce the SMO
- E.6-Continue to enforce the SMO
- E.7—Continue to enforce the SMO
- E.8—Provide employee training in erosion and sediment control measures.
- E.9—Review VLMP lake monitoring data to evaluate effectiveness of the program.
- F.1—Implement, review and conduct pollution prevention plan for municipal activities. Conduct municipal employee training for employees in relevant positions that will implement or utilize BMPs. Update training program as needed.
- F.2-F.3—Continue to implement and improve the operation and maintenance program.
- F.4—Continue to identify and implement spill prevention and control procedures.

Part F. Construction Projects Conducted During Year 15 (Provide a list of construction projects your entity has paid for during the reporting period.)

Project Name 2017 Watermain Replacement	Project Size (acres) 0.72	Construction Start Date	Construction End Date August 2017
2017 Watermain Replacement	0.72	May 2017	August 2017
2017 Watermann Replacement	0.72	2.24) 2021	
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