



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, 2017 To March, 2018

Permit No. ILR40

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

Name: Village of Oakwood Hills Mailing Address 1: 3020 North Park Drive
Mailing Address 2: County: McHenry
City: Oakwood Hills State: IL Zip: 60013 Telephone: (815) 444-9435
Contact Person: Mark Wise Email Address: mwise@oakwoodhills.org
(Person responsible for Annual Report)

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

McHenry County
Nunda Township

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:

Mark Wise

Printed Name:

5-23-18

Date:

Village Trustee

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 STORMWATER DISCHARGES
FROM MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4)

VILLAGE OF OAKWOOD HILLS, ILLINOIS

2018 ANNUAL FACILITY INSPECTION REPORT
MARCH 2017 TO FEBRUARY 2018 REPORTING PERIOD

A. CHANGES TO BEST MANAGEMENT PRACTICES

There were no changes to the Best Management Practices during the period from March 2017 to February 2018.

B. STATUS OF COMPLIANCE WITH PERMIT CONDITIONS

The Village of Oakwood Hills committed to a number of stormwater BMPs in order to meet the requirements of the NPDES Phase II stormwater program.

The following is a status report on each of the BMPs and the activities that were performed during the March 2017 to February 2018 reporting period. The status or progress for each of the measurable goals related to these BMPs is presented below.

BMP No. A.1 Distributed Paper Material

Measurable Goal(s), including frequencies: Annually publish a stormwater pollution prevention related article in the resident e-newsletter or via email blasts (e-blasts).

Milestones: Publish a stormwater pollution prevention related article in the resident e-blast or e-newsletter.

BMP Status: The Village distributed e-blasts electronically to residents notifying residents of upcoming events and various Village information, including stormwater pollution prevention.

BMP No. A.6 Other Public Education

Measurable Goal(s), including frequencies: Post links to stormwater pollution prevention resources on the Village web site.

Milestones: Post links to stormwater pollution prevention resources on the Village web site.

BMP Status: The Village has created an Environmental News page on the Village's website that provides links to various stormwater pollution prevention information resources. Village residents can call the Village Hall directly for information or to report a stormwater related issue.

BMP No. B.3 Stakeholder Meeting

Measurable Goal(s), including frequencies: The Silver Creek and Sleepy Hollow Creek Watershed Action Plan was completed in December 2011. Three of the stated goals of the Plan are: (1) to maintain/achieve healthy surface waters within the adjacent watersheds of Silver Creek and Sleepy Hollow Creek; (2) to increase awareness and knowledge to motivate needed action to implement the watershed plan; and (3) to establish an ongoing community participation group to expand watershed planning and protection efforts and support project implementation. The Village of Oakwood Hills lies entirely within the Silver Creek watershed and is committed to attending the monthly meetings of the Silver and Sleepy Hollow Creeks Watershed Coalition.

Milestones: Attend the monthly meetings of the Silver and Sleepy Hollow Creeks Watershed Coalition.

BMP Status: A member of the Zoning Board regularly attends the Watershed Coalition meetings on behalf of the Village.

BMP No. B.4 Public Hearing

Measurable Goal(s), including frequencies: Annually present the Village's stormwater management program at one board meeting to seek public input on the program.

Milestones: Present the Village's stormwater management program at one board meeting to seek public input on the program.

BMP Status: Stormwater management and lake water quality topics are periodically covered at board meetings.

BMP No. B.6 Program Involvement

Measurable Goal(s), including frequencies: Annually promote proper disposal of waste by promoting community waste collection events in the area.

Milestones: Annually promote community waste collection events in the area.

BMP Status: The Village promotes the periodic waste collection events of Nunda Township and Algonquin Township through its periodic email blasts (e-blasts) to residents. These events encourage the public to properly dispose of brush and branches, paint, and waste oil, which otherwise might be dumped in the drainage system. The Village also has recently provided information on their website pertaining to the McHenry County Recycling Guide.

BMP No. B.7 Other Public Involvement

Measurable Goal(s), including frequencies: Identify any environmental justice areas within the Village using the website link: <http://www.epa.gov/environmentaljustice/> and develop strategies to involve the public from these environmental justice areas in the Village's stormwater management program. If there are environmental justice areas within Village limits, begin identifying appropriate public involvement/participation. This may be accomplished by providing notices to residents written in Spanish (or other applicable language) and/or providing a translator at a public meeting held annually. Continue to allow residents to call the Village Hall directly to report stormwater related issues.

Milestones: Identify any environmental justice areas within the Village using the website link: <http://epa.gov/environmentaljustice/>. Continue to inform residents of the contact number to call for reporting stormwater related issues.

BMP Status: Village residents may call the Village Hall directly to report stormwater related issues. An environmental justice area assessment continue to be a program goal.

BMP No. C.1 Storm Sewer Map Preparation

Measurable Goal(s), including frequencies: Develop a storm sewer system map showing the location of all outfalls from the Village's storm sewer system and the names and location of all waters that receive discharges from those outfalls. Annually review the map and update it as needed.

Milestones: Continue developing a storm sewer system map showing the locations of all outfalls from the Village's storm sewer system. Update the map, as needed.

BMP Status: The Village has begun developing a storm sewer system map showing the locations of all outfalls from the Village's storm sewer system. The map is on file at the Village Hall.

BMP No. C.2 Regulatory Control Program

Measurable Goal(s), including frequencies: Section 14-111 of the Oakwood Hills Municipal Code prohibits the placement of chemical pollutants or hazardous materials in the waters of the lake or lake ice. The Municipal Code includes enforcement procedures and actions. The Village will continually enforce the Municipal Code to prevent non-stormwater discharges into the drainage system.

Milestones: Enforce the Municipal Code and continue developing new municipal code ordinances pertaining to illicit discharges.

BMP Status: The Village enforces Section 14-111 of the Municipal Code, which prohibits non-stormwater discharges to the storm sewer system. The Village is in the process of developing new municipal code ordinances pertaining to illicit discharges.

BMP No. C.4/C.5 Illicit Discharge Tracing/Source Removal Procedures

Measurable Goal(s), including frequencies: Develop procedures to trace and remove detected illicit discharges. Annually trace and remove all illicit discharges identified by resident reporting, visual dry weather screening, and drainage system maintenance activities.

Milestones: Finish developing procedures for tracing and removing illicit discharges. Trace and remove all detected illicit discharges.

BMP Status: The Village is in the process of developing procedures to trace and remove detected illicit discharges. No suspicious discharges were detected or reported this reporting year.

BMP No. C.7 Visual Dry Weather Observation Program

Measurable Goal(s), including frequencies: Annual dry weather screening of all outfalls to identify evidence of illicit discharges.

Milestones: Continue mapping the location of all outfalls from the Village's storm sewer system and begin annual dry weather screening of all outfalls to identify evidence of illicit discharges.

BMP Status: The Village has begun mapping the outfalls from its storm sewer system on its storm sewer system map. The Village has begun performing dry weather screening of all outfalls to identify evidence of illicit discharges. Wet weather observations are performed as well.

BMP No. D1/D2/D3/D4/D6 Construction Site Stormwater Runoff Control

Measurable Goal(s), including frequencies: Enforce the Code of Ordinances. Require erosion and sediment control BMPs. Inspect construction sites.

Milestones: Continue to enforce the Code of Ordinances. Continue to require erosion and sediment control BMPs and continue to inspect construction sites.

BMP Status: The Village relies on McHenry County to enforce the County Stormwater Management Ordinance within the Village limits specifically pertaining to construction site runoff control. The Village cooperates with County enforcement of the Stormwater Management Ordinance by notifying the County of potential ordinance violations and by withholding building permits until applicants have obtained a stormwater management permit from the County. The County performs construction site inspections.

BMP No. E2/E3/E4/E5/E6 Post-construction Stormwater Management

Measurable Goal(s), including frequencies: Enforce the Code of Ordinances. Review BMP designs prior to construction. Require long-term operation and maintenance of BMPs. Inspect sites during and after construction. The Village will begin developing and implementing a process to assess the impacts of global climate change in the design of all new and retrofit flood management projects. Information on climate change may be found at the following website link: <http://www.epa.gov/climatechange/>.

Milestones: The Village will continue to Enforce the Code of Ordinances, require erosion and sediment control BMPs, and inspect construction sites. The Village will begin developing and implementing a process to assess the impacts of global climate change in the design of all new and retrofit flood management projects. Information on climate change may be found here: <http://www.epa.gov/climatechange/>.

BMP Status: The Village relies on McHenry County to enforce the County Stormwater Management Ordinance within the Village limits specifically pertaining to post-construction site runoff control. The Village cooperates with County enforcement of the Stormwater Management Ordinance by notifying the

County of potential ordinance violations and by withholding building permits until applicants have obtained a stormwater management permit from the County. A climate change assessment continues to be a program goal.

BMP No. F.1 Employee Training Program

Measurable Goal(s), including frequencies: Annually conduct formal stormwater pollution prevention training for Village employees.

Milestones: Conduct formal stormwater pollution prevention training for Village employees. Document the date, topic, and attendees for employee training.

BMP Status: The Village has obtained a DVD for formal staff training on Stormwater Pollution Prevention for Municipal Operations and has begun performing training for municipal staff.

BMP No. F.2 Inspection and Maintenance Program

Measurable Goal(s), including frequencies: Annually inspect all storm sewer system outfalls and 20% of the Village's catch basins, dry wells and culverts. Clean or repair these elements as necessary. Sweep Village streets once per year. Require residents to maintain drainage ditches as necessary.

Milestones: Continue conducting formal inspection and maintenance. Review the program for effectiveness and update the program as needed. Begin training employees or contractors in the routine maintenance, repair, or replacement of green infrastructure.

BMP Status: The Village has inspected, cleaned, and repairs three stormwater culverts, Village streets were swept one time in the spring season.

BMP No. F.3 Municipal Operations Stormwater Control

Measurable Goal(s), including frequencies: The Village has established operational polices designed to prevent stormwater pollution associated with municipal operations. All fleet maintenance is performed at an automobile dealership in a maintenance garage where floor drains are tributary to triple basins, which remove oil, grease, and sediment prior to discharging to the sanitary sewer system. Winter de-icing is performed by a contractor trained to minimize the amount of de-icing material utilized. The Village currently utilizes the services of Algonquin Township to store deicing material outside Village limits.

Milestones: Continue performing fleet maintenance at an automobile dealership and continue making available to the snow plowing contractor the “Salt Usage Protocol” to minimize salt usage. Continue to utilize the services of Algonquin Township for deicing material storage, which is outside Village limits.

BMP Status: The only vehicles owned by the Village are police cars and any necessary fleet maintenance is performed at Buss Ford. The Village has recently published “Salt Usage Protocol” for use by the Village’s snow plowing contractor to help minimize salt usage. Training information was provided to the contractor.

BMP No. F6 Other Municipal Operations Controls

Measurable Goal(s), including frequencies: Continue to participate in the Silver and Sleepy Hollow Creeks Watershed Coalition, as well as the Fox River Ecosystem Partnership in an ongoing effort to assist with the reduction in chloride levels in receiving streams.

Milestones: Continue to participate in the Silver and Sleepy Hollow Creeks Watershed Coalition and the Fox River Ecosystem Partnership in order to assist with the reduction in chloride levels in receiving streams.

BMP Status: The Village participated in these groups during the reporting period.

C. INFORMATION AND DATA COLLECTION RESULTS

McHenry County Department of Health collects water samples at Silver Lake North and South Beaches two times per month starting in late May and ending in late August or early September. Samples are also collected after heavy rainfall and excessive warm weather. The samples are tested for E. coli, which is a pollutant common in urban stormwater runoff. Bacteria levels that exceed the state standards for total body contact result in beach closures. The analysis results are available from the County.

The Village also works collectively with the Chicago Metropolitan Agency for Planning (CMAP) through CMAP's Illinois Volunteer Lake Monitoring Program (VLMP) to monitor the water quality of Silver Lake. Monitoring is typically performed twice a month from May through October. Water transparency (clarity) is measured with a Secchi disk; periodically, water samples are collected and tested by the IEPA to gather more detailed information on suspended material in the lake (sediment, algae, etc.) as well as levels of nutrients such as phosphorus and nitrogen.

Sample results are used to determine the effectiveness of BMP implementation, and are available upon request.

D. SUMMARY OF NEXT REPORTING PERIOD STORMWATER ACTIVITIES

The Village plans to undertake the following activities during the next reporting period:

BMP No. A.1 Distributed Paper Material

Measurable Goal(s), including frequencies: Annually publish a stormwater pollution prevention related article in the resident e-newsletter or via email blasts (e-blasts).

Milestones: Publish a stormwater pollution prevention related article in the resident e-blast or e-newsletter.

BMP No. A.6 Other Public Education

Measurable Goal(s), including frequencies: Post links to stormwater pollution prevention resources on the Village web site.

Milestones: Post links to stormwater pollution prevention resources on the Village web site.

BMP No. B.3 Stakeholder Meeting

Measurable Goal(s), including frequencies: The Silver Creek and Sleepy Hollow Creek Watershed Action Plan was completed in December 2011. Three of the stated goals of the Plan are: (1) to maintain/achieve healthy surface waters within the adjacent watersheds of Silver Creek and Sleepy Hollow Creek; (2) to increase awareness and knowledge to motivate needed action to implement the watershed plan; and (3) to establish an ongoing community participation group to expand watershed planning and protection efforts and support project implementation. The Village of Oakwood Hills lies entirely within the Silver Creek watershed and is committed to attending the monthly meetings of the Silver and Sleepy Hollow Creeks Watershed Coalition.

Milestones: Attend the meetings of the Silver and Sleepy Hollow Creeks Watershed Coalition.

BMP No. B.4 Public Hearing

Measurable Goal(s), including frequencies: Annually present the Village's stormwater management program at one board meeting to seek public input on the program.

Milestones: Present the Village's stormwater management program at one board meeting to seek public input on the program.

BMP No. B.6 Program Involvement

Measurable Goal(s), including frequencies: Annually promote proper disposal of waste by promoting community waste collection events in the area.

Milestones: Annually promote community waste collection events in the area.
Continue providing information on the Village website pertaining to the 2015 McHenry County Recycling Guide. Information to be provided through e-newsletters and/or email blasts.

BMP No. B.7 Other Public Involvement

Measurable Goal(s), including frequencies: Identify any environmental justice areas within the Village using the website link: <http://www.epa.gov/environmentaljustice/> and develop strategies to involve the public from these environmental justice areas in the Village's stormwater management program. If there are environmental justice areas within Village limits, begin identifying appropriate public involvement/participation. This may be accomplished by providing notices to residents written in Spanish (or other applicable language) and/or providing a translator at a public meeting held annually. Continue to allow residents to call the Village Hall directly to report stormwater related issues.

Milestones: Identify any environmental justice areas within the Village using the website link: <http://epa.gov/environmentaljustice/>. Continue to inform residents of the contact number to call for reporting stormwater related issues.

BMP No. C.1 Storm Sewer Map Preparation

Measurable Goal(s), including frequencies: Develop a storm sewer system map showing the location of all outfalls from the Village's storm sewer system and the names and location of all waters that receive discharges from those outfalls. Annually review the map and update it as needed.

Milestones: Continue developing a storm sewer system map showing the locations of all outfalls from the Village's storm sewer system. Update the map, as needed.

BMP No. C.2 Regulatory Control Program

Measurable Goal(s), including frequencies: Section 14-111 of the Oakwood Hills Municipal Code prohibits the placement of chemical pollutants or hazardous materials in the waters of the lake or lake ice. The Municipal Code includes enforcement procedures

and actions. The Village will continually enforce the Municipal Code to prevent non-stormwater discharges into the drainage system.

Milestones: Enforce the Municipal Code and continue developing new municipal code ordinances pertaining to illicit discharges.

BMP No. C.4/C.5 Illicit Discharge Tracing/Source Removal Procedures

Measurable Goal(s), including frequencies: Finish developing procedures to trace and remove detected illicit discharges. Annually trace and remove all illicit discharges identified by resident reporting, visual dry weather screening, and drainage system maintenance activities.

Milestones: Finish developing procedures for tracing and removing illicit discharges. Trace and remove all detected illicit discharges.

BMP No. C.7 Visual Dry Weather Observation Program

Measurable Goal(s), including frequencies: Annual dry weather screening of all outfalls to identify evidence of illicit discharges.

Milestones: Continue mapping the location of all outfalls from the Village's storm sewer system and begin annual dry weather screening of all outfalls to identify evidence of illicit discharges.

BMP No. D.1/D.2/D.3/D.4/D.6 Regulatory Control Program

Measurable Goal(s), including frequencies: The Village will continue to enforce the Code of Ordinances, require erosion and sediment control BMPs, and inspect construction sites.

Milestones: The Village will continue to Enforce the Code of Ordinances, require erosion and sediment control BMPs, and inspect construction sites.

BMP No. E.2/E.3/E.4/E.5/E.6 Post-Construction Stormwater Management

Measurable Goal(s), including frequencies: Enforce the Code of Ordinances. Review BMP designs prior to construction. Require long-term operation and maintenance of BMPs. Inspect sites during and after construction. The Village will begin developing and implementing a process to assess the impacts of global climate change in the design of all new and retrofit flood management projects. Information on climate change may be found at the following website link: <http://www.epa.gov/climatechange/>.

Milestones: The Village will continue to Enforce the Code of Ordinances, require erosion and sediment control BMPs, and inspect construction sites. The Village will begin developing and implementing a process to assess the impacts of global climate change in the design of all new and retrofit flood management projects. Information on climate change may be found here: <http://www.epa.gov/climatechange/>.

BMP No. F.1 Employee Training Program

Measurable Goal(s), including frequencies: Annually conduct formal stormwater pollution prevention training for Village employees.

Milestones: Conduct formal stormwater pollution prevention training for Village employees. Document the date, topic, and attendees for employee stormwater pollution prevention training.

BMP No. F.2 Inspection and Maintenance Program

Measurable Goal(s), including frequencies: Annually inspect all storm sewer system outfalls and 20% of the Village's catch basins, dry wells and culverts. Clean or repair these elements as necessary. Sweep Village streets once per year. Require residents to maintain drainage ditches as necessary.

Milestones: Continue conducting formal inspection and maintenance. Review the program for effectiveness and update the program as needed. Begin training employees or contractors in the routine maintenance, repair, or replacement of green infrastructure.

BMP No. F.3 Municipal Operations Stormwater Control

Measurable Goal(s), including frequencies: The Village has established operational polices designed to prevent stormwater pollution associated with municipal operations. All fleet maintenance is performed at an automobile dealership in a maintenance garage where floor drains are tributary to triple basins, which remove oil, grease, and sediment prior to discharging to the sanitary sewer system. Winter de-icing is performed by a contractor trained to minimize the amount of de-icing material utilized. The Village currently utilizes the services of Algonquin Township to store deicing material outside Village limits.

Milestones: Continue performing fleet maintenance at an automobile dealership and continue making available to the snow plowing contractor "Salt Usage Protocol" to help reduce salt usage and runoff to Silver Lake. Continue to

utilize the services of Algonquin Township for deicing material storage, which is outside Village limits.

BMP No. F6 Other Municipal Operations Controls

Measurable Goal(s), including frequencies: Continue to participate in the Silver and Sleepy Hollow Creeks Watershed Coalition, as well as the Fox River Ecosystem Partnership in an ongoing effort to assist with the reduction in chloride levels in receiving streams.

Milestones: Continue to participate in the Silver and Sleepy Hollow Creeks Watershed Coalition and the Fox River Ecosystem Partnership in order to assist with the reduction in chloride levels in receiving streams.

E. NOTICE OF RELAINCE ON ANOTHER GOVERNMENT ENTITY

The Village of Oakwood Hills is relying on McHenry County to perform BMPs D and E regarding construction and post-construction site runoff control. The Village cooperates with County enforcement of the Stormwater Management Ordinance by notifying the County of potential ordinance violations and by withholding building permits until applicants have obtained a stormwater management permit from the County.

McHenry County Department of Health collects water samples at Silver Lake North and South Beaches two times per month starting in late May and ending in late August or early September. Samples are also collected after heavy rainfall and excessive warm weather. The samples are tested for E. coli, which is a pollutant common in urban stormwater runoff. Bacteria levels that exceed the state standards for total body contact result in beach closures.

The Village also works collectively with the Chicago Metropolitan Agency for Planning (CMAP) through CMAP's Illinois Volunteer Lake Monitoring Program (VLMP) to monitor the water quality of Silver Lake. Monitoring is done typically twice a month from May through October. Water transparency (clarity) is measured with a Secchi disk; periodically, water samples are collected and tested by the IEPA to gather more detailed information on suspended material in the lake (sediment, algae, etc.) as well as levels of nutrients such as phosphorus and nitrogen.

F. CONSTRUCTION PROJECTS CONDUCTED DURING REPORTING PERIOD

For the period from March 2017 to February 2018, the Village initiated and/or completed the following construction projects that were greater than one (1) acre in size.

) None for the reporting period