



# Illinois Environmental Protection Agency

Bureau of Water • 1021 N. Grand Avenue E. • P.O. Box 19276 • Springfield • Illinois • 62794-9276

## 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 Skokie Mailing Address 1: 9050 Gross Point Road

Mailing Address 2: \_\_\_\_\_ County: Cook

City: Skokie State: IL Zip: 60077 Telephone: (847) 933-8427

Contact Person: Jean Scher Email Address: jean.scher@skokie.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 Skokie

#### THE FOLLOWING ITEMS MUST BE ADDRESSED.

A. Changes to best management practices (check appropriate BMP change(s) and attach information

- |  |                          |   |                          |
|--|--------------------------|---|--------------------------|
| 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

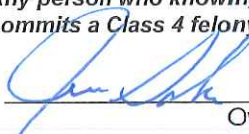
C. Attach results of information collected and analyzed, including monitoring data, if any during the reporting period.

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:

5-25-18  
\_\_\_\_\_  
Date:

Jean Scher  
\_\_\_\_\_  
Printed Name:

Superintendent of Water & Sewer  
\_\_\_\_\_  
Title:

#### EMAIL COMPLETED FORM TO:

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  
2018 ANNUAL FACILITY INSPECTION REPORT  
NPDES PERMIT FOR STORM WATER DISCHARGES  
FROM MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4)**

**MARCH 2017 TO FEBRUARY 2018 REPORTING PERIOD**

**VILLAGE OF SKOKIE, ILLINOIS**

**A. CHANGES TO BEST MANAGEMENT PRACTICES**

There were no changes to the Best Management Practices identified in the NOI during this reporting period.

**B. STATUS OF COMPLIANCE WITH PERMIT CONDITIONS**

The Village has developed a Stormwater Management Plan and Notice of Intent (NOI) for the MS4 permit, and has posted them to the Village's Stormwater webpage along with each year's annual program report. The best management practices, along with measurable goals and milestones for the March 2017 – February 2018 year are listed below:

**A. Public Education and Outreach**

**BMP No. A.1 Distributed Paper Material**

The Village provides informational materials informing residents of the existing solid waste and recycling program. The Village Code, available on the website, includes a section addressing pet waste collection. The Village includes stormwater pollution prevention articles regularly in its bi-monthly newsletter. The Village has access to The Solid Waste Agency of Northern Cook County (SWANCC) Green Pages Guide. It is available from SWANCC with a phone call and the Village also has a paper copy on file to review. This resource provides additional information to citizens on how to reduce waste and combat stormwater pollution.

**Measurable Goal(s), including frequencies:** Continue to provide stormwater pollution prevention information on the website and in the newsletter regarding one of the following topics: use and management of household chemicals, the hazards associated with illegal discharges and improper disposal of waste, the importance of green infrastructure, and the impact of climate change.

**Milestones:** Continue to provide stormwater pollution prevention information on the website and in the newsletter.

**BMP Status:** One consumer confident report included information on nonpoint source pollutants, and newsletter articles contain MWRD's 24-hr hotline number. Stormwater education material continues to be available on the Village website. A video on proper handling of paint waste and household chemicals is posted to the Village website.

### **BMP No. A.2 Speaking Engagements**

The Village Forester speaks to children and neighborhood groups on ways to improve the environment and how trees affect stormwater.

**Measurable Goal(s), including frequencies:** The Village Forester is available as requested to talk to children and neighborhood groups about the effect of trees on stormwater.

**Milestones:** Continue to make the Village Forester available to talk to children and neighborhood groups.

**BMP Status:** In the past year, the Village Forester participated in tree planting ceremonies: April 24, 2017 at IDA Crown (approximately 250 attendees), April 27, 2017 at Niles West High School (approximately 100 attendees), and on April 27, 2017 at Niles North High School (approximately 70 attendees).

### **BMP No. A.3 Public Service Announcement**

The Village runs a cable TV segment that explains the Village's Stormwater Runoff Control Program. The Village also maintains its website that includes information on Village programs, regulations and procedures affecting stormwater management, and stormwater pollution prevention.

**Measurable Goal(s), including frequencies:** The cable TV segment will be included in the channel's daily loop, and placed at a higher frequency in the spring. The Village will update the website monthly and update the TV segment as needed.

**Milestones:** Continue to run the TV segment and update the website.

**BMP Status:** The Village continues to run the TV segment as part of its regular programming.

### **BMP No. A.4 Community Event**

The Village holds an annual event on Arbor Day that highlights the importance of trees to the community and the environment. The event emphasizes that trees are an important element in

combating stormwater pollution and improving the environment. The Village also includes stormwater pollution prevention education at its annual Open House, which focuses on the important role the Department plays within the community and its role as the stormwater system manager for the Village. The Village also sets up a booth at the community Festival of Cultures event that includes literature reinforcing stormwater pollution objectives and hosts a Spring Greening Event that encourages recycling and prevents recyclable materials from entering the sewer system.

**Measurable Goal(s), including frequencies:** The Arbor Day, Open House, Festival of Cultures, and Spring Greening community events are normally hosted annually and include information on stormwater pollution prevention.

**Milestones:** Continue to host community events that provide stormwater pollution prevention information to the public.

**BMP Status:** The Festival of Cultures was held May 20-21, 2017. The Spring Greening was held in April, 2017. No Open House event was held in 2017.

## **B. Public Participation/Involvement**

### **BMP No. B.1 Public Panel**

The Village has an Improvement & Beautification Committee that coordinates with the Friends of the Chicago River and is involved with the cleanup of North Shore Channel. This group strives to increase awareness of the channel environment and promote public participation in cleanup efforts and events. The Village has also established a North Shore Channel Park Litter Control document that provides schedule and requirements for the regular maintenance of the Channel.

**Measurable Goal(s), including frequencies:** The Improvement & Beautification Committee will continue to be an advocate for the North Shore Channel. The Village, in partnership with the Friends of the Chicago River and the SWAP program, will participate in one major cleaning event of the North Shore Channel a year. Regular maintenance is performed weekly per the North Shore Park Litter Control Document standards. Minor cleanup events during the year will also be held depending on volunteers and manpower.

**Milestones:** Continue the current North Shore Channel programs and participate in the cleanup events.

**BMP Status:** A spring cleanup event was held from April 8 through 24, 2017. The Village performs year round maintenance and continues to work with the Friends of the Chicago River and uphold the North Shore Park Litter Control Document standards.

**BMP No. B.2 Educational Volunteer**

The Village's Public Works Staff are available to give seminars to educate groups of adults and children on proactive environmental activities that combat stormwater pollution.

**Measurable Goal(s), including frequencies:** The Village Public Works Staff will publicize and participate in a yearly seminar and also be available to talk to groups when requested.

**Milestones:** Continue to hold seminars yearly and additionally when requested.

**BMP Status:** The Village continues to be available for seminars when requested.

**BMP No. B.3 Stakeholder Meeting**

The Village solicits feedback from residents via surveys that include questions regarding a number of issues throughout the Village. These questions include the topics of construction of new improvements and the success of stormwater management programs. The survey encourages residents to voice their opinions and gives the Village a measure of what the community is doing for the minimum control measures (to gage if enough outreach information is getting to the public). The results of the survey are published in the Village newsletter and on the website.

**Measurable Goal(s), including frequencies:** Resident surveys will be distributed and collected every three years. Stormwater programs will be evaluated based on survey responses and changed if necessary.

**Milestones:** The next survey will be collected in 2018.

**BMP Status:** No survey was distributed this period.

**BMP No. B.4 Public Hearing**

Annually present the Village's stormwater management program at one board meeting to seek public input on the program.

**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:** The program was presented to the Sustainability Commission for public input on October 24, 2017.

**BMP No. B.6 Program Involvement**

The Village Forester and Public Works Superintendent work together to implement ways to help reduce storm water runoff and pollution. They work together to manage programs that directly affect stormwater runoff and pollution.

**Measurable Goal(s), including frequencies:** The Village will actively work together to conduct current programs that directly affect stormwater runoff and pollution.

**Milestones:** Continue to manage programs.

**BMP Status:** The Village continued to coordinate between departments to manage stormwater.

**BMP No. B.7 Other Public Involvement**

The Village has a Comprehensive Tree Program (Share Cost Parkway Tree) that works to maintain the health and safety of public trees and increase the urban forest. Plantings provide numerous benefits; they stabilize soils, improve water quality, and mitigate peak flows during runoff events. The Village also provides an Adopt-a-Highway Program to clean up streets and a curbside collection recycling program for its residents. Increased participation in these programs leads to a cleaner environment and cleaner stormwater.

An IEPA Hazardous Waste Collection Program is provided through SWANCC. SWANCC sets up area-wide events to collect specific wastes in addition to having a permanent collection facility. The Village coordinates events with SWANCC and publicizes them to residents through the newsletter, cable TV, and the website.

**Measurable Goal(s), including frequencies:** Identify any environmental justice areas within the Village using the website link: <http://epa.gov/environmentaljustice/>.

Continue the Comprehensive Tree Program, which helps to stabilize soils, improve water quality, and mitigate peak flows during runoff events. Continue the Adopt-a-Highway program, which helps promote a cleaner environment and cleaner stormwater.

**Milestones:** Identify any environmental justice areas within the Village using the website link: <http://epa.gov/environmentaljustice/>. Continue the Comprehensive Tree Program, which helps to stabilize soils, improve water quality, and mitigate peak flows during runoff events. Continue the Adopt-a-Highway program, which helps promote a cleaner environment and cleaner stormwater.

Evaluate participation in other watershed groups to address chloride impairment and other water quality issues.

**BMP Status:** The Village has joined the North Branch Chicago River Watershed Workgroup and is participating in its regional water quality program. An environmental justice area assessment is planned. The Village continues to

promote and manage the Share Cost Parkway Tree and Adopt-a-Highway Programs.

The Village Health Department implements a CFL and battery recycling annually. This is publicized to residents.

### **C. Illicit Discharge Detection and Elimination**

#### **BMP No. C.1 Sewer Map Preparation**

The Village has a comprehensive map of its storm sewers that shows the location of all outfalls to receiving waters in the Village.

**Measurable Goal(s), including frequencies:** The Village will maintain and update the map as changes are made to the system.

**Milestones:** Continue to maintain an up-to-date storm sewer map.

**BMP Status:** No changes were necessary to the sewer map in the past year.

#### **BMP No. C.2 Regulatory Control Program**

The Village has adopted a MWRD Illicit Discharge Ordinance that prohibits non-storm water discharges to the storm sewer or drainage system in the Village. The ordinance provides structure for compliance and enforcement of the illicit discharge program including stipulation of any fees or penalties for non-compliance.

**Measurable Goal(s), including frequencies:** The Village will enforce the ordinance.

**Milestones:** Continue to enforce the ordinance.

**BMP Status:** The Village continues to enforce the ordinance. No illicit discharges were detected or reported in the past year.

#### **BMP No. C.3 Detection/Elimination Prioritization Plan**

The Village program for detection and elimination of illicit discharges is provided for in the ordinance. The program includes procedures for notifying property owners when the Village is required to enter private property to investigate a discharge source. The Village provides training and educational seminars on the detection and elimination of illicit discharge for Public Works employees.

**Measurable Goal(s), including frequencies:** The Village will enforce the ordinance.

**Milestones:** Continue to enforce the ordinance.

**BMP Status:** The Village continues to enforce the ordinance. No illicit discharges were detected or reported in the past year.

**BMP No. C.4 Illicit Discharge Tracing Procedures**

The Department of Public Works continually inspects the system for illicit discharges during regular O&M, which includes sewer televising. The Village Fire Department also has a Hazardous Materials Response team to address emergency spills and/or hazardous materials dumping. In addition, residential and commercial buildings are inspected for illicit discharge by state certified plumbing inspectors and the MWRD performs permit reviews, routine inspections, for all developments, and checks for cross connections.

**Measurable Goal(s), including frequencies:** The Village will inspect for illicit discharges during regular O&M. Outfall inspections will be performed annually.

**Milestones:** Continue regular illicit discharge inspections and annual outfall inspections.

**BMP Status:** The Village continued to enforce the ordinance. No illicit discharges were detected or reported in the past year.

**BMP No. C.5 Illicit Source Removal Procedures**

The Village ordinance provides various mechanisms for source removals and enforcement of penalties to discourage future activities. The Village Fire Department also performs cleanup of illicit material or arranges for cleanup of illicit materials.

**Measurable Goal(s), including frequencies:** The Village will enforce the ordinance.

**Milestones:** Continue to enforce the ordinance.

**BMP Status:** The Village continues to enforce the ordinance. No illicit discharges were detected or reported in the past year.

**BMP No. C.6 Program Evaluation and Assessment**

The Village Public Works Department system of operations, policies, and procedures are under the authoritative review and meet the strict requirements of the American Public Works Association (APWA) Accreditation Program.

**Measurable Goal(s), including frequencies:** The Village will gain re-accreditation every four years.

**Milestones:** The Village will renew its accreditation with the APWA.

**BMP Status:** The Village will renew its accreditation with the APWA in 2019.



**BMP No. C.9 Public Notification**

The Village utilizes MWRD's illegal dumping and illicit discharge hotline number (which is posted on the Village's website) to report any suspicious activities. The number is posted on the Village website and in the edition of the Village newsletter that contains the Consumer Confidence Report. The Village is also part of a multi-community Mutual Aid Box Alarm System (MABAS) that gives trained backup response help if necessary.

**Measurable Goal(s), including frequencies:** The Village will continue to publicize and supply a hotline number for reporting suspicious activities. The Village will continue to use MABAS for additional support.

**Milestones:** Continue to participate in MABAS and make the MWRDGC hotline number available for residents.

**BMP Status:** The Village participated in MABAS and made MWRDGC hotline number available for residents.

**D. Construction Site Runoff Control****BMP No. D.1/D.2/D.3/D.4/D.6 - Soil Erosion and Sediment Control Ordinance**

Article 4 of the Cook County Watershed Management Ordinance addresses the reduction of pollutants in stormwater runoff from regulated land disturbing activity. It states that all regulated developments shall incorporate erosion and sediment control practices into the initial site plan. Article 10 allows for the inspection of regulated sites. Article 12 defines the terms of enforcement for the ordinance.

**Measurable Goal(s), including frequencies** The Village will work collaboratively with MWRDGC to enforce the ordinance and require erosion and sediment control BMPs. Inspect construction sites. 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 required a permit from the MWRDGC for every development regulated by the Cook County Watershed Management Ordinance. The Village also assists the MWRDGC in enforcement cases, when requested. The Village does not plan to become an authorized municipality.

**E. Post-Construction Runoff Control****BMP No. E.2/E.3/E.5/E.6 - Stormwater Drainage and Detention Ordinance**

The Cook County Watershed Management Ordinance requires all construction sites disturbing a land area of 1/2 acre or greater to be regulated and will also regulate smaller projects in certain cases. The ordinance requires that all regulated construction sites have post-construction management that meets or exceeds the requirements of NPDES permit No. ILR10 including management practices, controls, and other provisions at least as protective as the requirements contained in the Illinois Urban Manual.

**Measurable Goal(s), including frequencies:** The Village will work collaboratively with MWRDGC to enforce the ordinance. The Village will begin water quality monitoring by either completing an evaluation of BMPs or performing water sampling of various waterbodies throughout Village limits. 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.

**Milestones:** The Village will continue working collaboratively with the MWRDGC to enforce the County Ordinance. Begin water quality monitoring by either completing an evaluation of BMPs or performing water sampling of various waterbodies throughout Village limits. The Village will begin developing a process to assess the impacts of global climate change in the design of all new and retrofit flood management projects.

**BMP Status:** The Village continued to enforce this ordinance. The Village required a permit from the MWRDGC for every development regulated by the Cook County Watershed Management Ordinance. The Village also assists the MWRDGC in enforcement cases, when requested. The Village has joined the North Branch Chicago River Watershed Workgroup and is participating in its regional water quality program

## **F. Pollution Prevention/Good Housekeeping**

### **BMP No. F.1 Employee Training Program**

The Village employees follow an existing Policy and Procedures Manual for materials storage, hazardous wastes, equipment cleaning, vehicle maintenance, street maintenance, and lawn and landscape care. The Policy and Procedures Manual calls for both formal and on-the-job training of all staff positions. The training is documented and tracked for accuracy. The Village has a volunteer initiative with the American Public Works Association that provides a more formalized structure to Public Works programs that leads to improved employee performance and morale.

**Measurable Goal(s), including frequencies:** The Village will offer formal, documented training annually to all Water and Sewer employees. The Village is re-accredited with the APWA every four years.

**Milestones:** Continue to offer and document annual training.

**BMP Status:** Pollution prevention and illicit discharge detection training for Village staff was performed on October 24, 2017. The Village renewed its accreditation with the APWA in 2015; the next renewal is scheduled for 2019.

**BMP No. F.2 Inspection and Maintenance Program**

The Village currently inspects and maintains all publicly-owned detention ponds, sub-surface stormwater reservoirs, outfall structures, storm sewers, and catch basins.

**Measurable Goal(s), including frequencies:** Detention ponds will be checked after rain events. Stormwater reservoirs will be inspected after rain events and once annually in dry weather to check valves. Outfall structures will be checked after rain events and maintained as needed. Storm Sewers are cleaned as needed based on videotaping. Catch-basins will be cleaned on a two-year cycle, or as needed.

**Milestones:** Continue to inspect and maintain all detention ponds, stormwater reservoirs, outfalls, storm sewers, and catch basins.

**BMP Status:** The Village continues to inspect and maintain all detention ponds, stormwater reservoirs, outfalls, storm sewers, and catch basins. Catch basin are cleaned daily, and a total of 1,250 catch basins were cleaned during the reporting period.

**BMP No. F.3 Municipal Pollution Prevention Program**

The Village streets are swept approximately once a week and every 4-6 weeks in high traffic areas. The Village performs dry weather paving with staged construction techniques. The Village provides curbside leaf collection weekly from October to mid-December.

**Measurable Goal(s), including frequencies:** The Village will sweep residential and arterial streets weekly and high traffic areas every 4-6 weeks. The Village will continue to perform dry weather paving and provide weekly curbside leaf collection from October to mid-December.

**Milestones:** Continue to sweep residential and arterial streets weekly and high traffic areas every 4-6 weeks. Continue to perform dry weather paving and provide weekly curbside leaf collection from October to mid-December.

**BMP Status:** The Village has continued the current programs.

**BMP No. F.4 Municipal Operations Waste Disposal**

The Village Public Works Facility fleet washing station is enclosed with a triple basin connected to the sanitary sewer.

**Measurable Goal(s), including frequencies:** The Village will perform all fleet washing in the enclosed washing station.

**Milestones:** Continue current fleet washing practice.

**BMP Status:** The Village maintains the current fleet washing practice.

**BMP No. F.6 Other Municipal Operations Controls**

The Village salt and other municipal operations materials are under permanent cover. The Village vehicle maintenance practices include recycling of used oil and drains with triple basins connected to sanitary sewers. The Village will control the application of pesticides and herbicides with the Department of Agriculture trained and certified licensed applicators.

**Measurable Goal(s), including frequencies:** The Village will continue to maintain these policies to provide a good example for the residents to follow and to reduce stormwater pollution.

**Milestones:** Continue current good housekeeping practices.

**BMP Status:** The Village continued to implement good housekeeping practices.

**C. INFORMATION AND DATA COLLECTION RESULTS**

The Village has joined the North Branch Chicago River Watershed Workgroup and is participating in its regional water quality monitoring program.

MWRDGC implements a regional ambient water quality monitoring program. One of the monitoring locations in the regional program is at Oakton Street on the North Shore Channel. The data is made available by MWRDGC for evaluation and program implementation.

**D. SUMMARY OF NEXT REPORTING PERIOD STORMWATER ACTIVITIES**

**A. Public Education and Outreach**

**BMP No. A.1 Distributed Paper Material**

**Measurable Goal(s), including frequencies:** Continue to provide informational materials about the solid waste and recycling program. Update the Village website monthly. Publish stormwater pollution prevention articles in the Village newsletter annually.

**Milestones:** Continue to provide stormwater pollution prevention information on the website and in the newsletter regarding one of the following topics: use and management of

household chemicals, the hazards associated with illegal discharges and improper disposal of waste, the importance of green infrastructure, and the impact of climate change.

**BMP No. A.2 Speaking Engagements**

**Measurable Goal(s), including frequencies:** The Village Forester is available as requested to talk to children and neighborhood groups about the effect of trees on stormwater.

**Milestones:** Continue to make the Village Forester available to talk to children and neighborhood groups.

**BMP No. A.3 Public Service Announcement**

**Measurable Goal(s), including frequencies:** The cable TV segment will be included in the channel's daily loop, and placed at a higher frequency in the spring. The Village will update the website monthly and update the TV segment as needed.

**Milestones:** Continue to run the TV segment and update the website.

**BMP No. A.4 Community Event**

**Measurable Goal(s), including frequencies:** The Arbor Day, Open House, Festival of Cultures, and Spring Greening community events will be hosted annually and include information on stormwater pollution prevention.

**Milestones:** Continue to host these four community events that provide stormwater pollution prevention information to the public.

**B. Public Participation/Involvement**

**BMP No. B.1 Public Panel**

**Measurable Goal(s), including frequencies:** The Improvement & Beautification Committee will continue to be an advocate for the North Shore Channel. The Village, in partnership with the Friends of the Chicago River, will participate in one major cleaning event of the North Shore Channel a year. Regular maintenance is performed weekly per the North Shore Park Litter Control Document standards. Minor cleanup events during the year will also be held depending on volunteers and manpower.

**Milestones:** Continue the current North Shore Channel programs and participate in the cleanup events.

**BMP No. B.2 Educational Volunteer**

**Measurable Goal(s), including frequencies:** The Village Public Works Staff will publicize and participate in a yearly seminar and also be available to talk to groups when requested.

**Milestones:** Continue to hold seminars yearly and additionally when requested.

**BMP No. B.3 Stakeholder Meeting**

**Measurable Goal(s), including frequencies:** Resident surveys will be distributed and collected every three years. Stormwater programs will be evaluated based off of survey responses and changed if necessary.

**Milestones:** The next survey will be collected in 2018.

**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:** Continue to 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:** The Village will actively work together to conduct current programs that directly affect stormwater runoff and pollution.

**Milestones:** Continue to manage programs.

**BMP No. B.7 Other Public Involvement**

**Measurable Goal(s), including frequencies:** The Village will actively promote and continue its current programs. In addition, the Village will begin identifying environmental justice areas; if applicable, the Village will begin identifying appropriate public involvement/participation, which may include providing notices to residents written in Spanish (or other applicable language) and/or providing a translator at a public meeting held annually. The Village has joined the North Branch Chicago River Watershed Workgroup and is participating in its regional water quality program

**Milestones:** Continue the current programs. Identify any environmental justice areas within the Village using the website link: <http://epa.gov/environmentaljustice/>.

**C. Illicit Discharge Detection and Elimination****BMP No. C.1 Sewer Map Preparation**

**Measurable Goal(s), including frequencies:** The Village will maintain and update the map as changes are made to the system.

**Milestones:** Continue to maintain an up-to-date storm sewer map.

**BMP No. C.2 Regulatory Control Program**

**Measurable Goal(s), including frequencies:** The Village will enforce the ordinance.

**Milestones:** Continue to enforce the ordinance.

**BMP No. C.3 Detection/Elimination Prioritization Plan**

**Measurable Goal(s), including frequencies:** The Village will enforce the ordinance.

**Milestones:** Continue to enforce the ordinance.

**BMP No. C.4 Illicit Discharge Tracing Procedures**

**Measurable Goal(s), including frequencies:** The Village will inspect for illicit discharges during regular O&M. Outfall inspections will be performed annually.

**Milestones:** Continue regular illicit discharge inspections and annual outfall inspections.

**BMP No. C.5 Illicit Source Removal Procedures**

**Measurable Goal(s), including frequencies:** The Village will enforce the ordinance.

**Milestones:** Continue to enforce the ordinance.

**BMP No. C.6 Program Evaluation and Assessment**

**Measurable Goal(s), including frequencies:** The Village will gain re-accreditation every four years.

**Milestones:** The Village will renew its accreditation with the APWA in 2019.

**BMP No. C.9 Public Notification**

**Measurable Goal(s), including frequencies:** The Village will continue to publicize and supply a hotline number for reporting suspicious activities. The Village will continue to use MABAS for additional support.

**Milestones:** Continue to participate in MABAS and make the hotline number available for residents.

**D. Construction Site Runoff Control**

**BMP No. D.1/D.2/D.3/D.4/D.6 - Soil Erosion and Sediment Control Ordinance**

**Measurable Goal(s), including frequencies:** The Village will cooperate with MWRDGC to enforce the ordinance.

**Milestones:** Work collaboratively with MWRD to enforce the Watershed Management Ordinance provisions for Soil Erosion and Sediment Control.

**E. Post-Construction Runoff Control**

**BMP No. E.2/E.3/E.5/E.6 - Stormwater Drainage and Detention Ordinance**

**Measurable Goal(s), including frequencies:** The Village will work collaboratively with MWRDGC to enforce the ordinance. Water quality monitoring must include not only visual inspections of stormwater outfalls but also either an evaluation of BMPs (based on estimated effectiveness from published research and an estimate of pollutant reduction resulting from the BMPs) or water sampling of various waterbodies throughout Village limits. This sampling of various waterbodies may include in-stream monitoring, sediment monitoring, site-specific monitoring, outfall/discharge monitoring, BMP performance monitoring, or collaborative watershed-scale monitoring. At a minimum, the monitoring shall include the following parameters: total suspended solids, total nitrogen, total phosphorous, fecal coliform, chlorides, and oil and grease.

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. Climate change involves more frequent high intensity rainfall, which leads to increased runoff and erosion. An increase in runoff and erosion can be offset by constructing more BMPs (such as turf reinforced mats), installing more drought tolerant plants, and installing larger storm sewers capable of conveying the increased runoff due to climate change. Information on climate change may be found at the following website link: <http://www.epa.gov/climatechange/>.

**Milestones:** Cooperate with MWRD to enforce the Watershed Management Provisions for Post-Construction Runoff Control. The Village will begin water quality monitoring by either completing an evaluation of BMPs or performing water sampling of various waterbodies throughout Village limits. 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/>.

## **F. Pollution Prevention/Good Housekeeping**

### **BMP No. F.1 Employee Training Program**

**Measurable Goal(s), including frequencies:** The Village will offer formal, documented training annually to all Water and Sewer employees. The Village is re-accredited with the APWA every four years.

**Milestones:** Continue to offer and document annual training. The Village will renew its accreditation with the APWA in 2019.

### **BMP No. F.2 Inspection and Maintenance Program**

**Measurable Goal(s), including frequencies:** Detention ponds will be checked after rain events and maintained once per week, pending weather. Stormwater reservoirs will be inspected after rain events and once annually in dry weather to check valves. Outfall structures will be checked after rain events and maintained as needed. Storm Sewers are cleaned as needed based on videotaping. Catch-basins will be cleaned on a two-year cycle, or



as needed. The Village will begin maintaining green infrastructure using employees trained in the routine maintenance, repair, or replacement of green infrastructure.

**Milestones:** Continue to inspect and maintain all detention ponds, stormwater reservoirs, outfalls, storm sewers, and catch basins. Begin training employees or contractors in the routine maintenance, repair, or replacement of green infrastructure.

**BMP No. F.3 Municipal Pollution Prevention Program**

**Measurable Goal(s), including frequencies:** The Village will sweep residential and arterial streets weekly and high traffic areas every 4-6 weeks. The Village will continue to perform dry weather paving and provide weekly curbside leaf collection from October to mid-December.

**Milestones:** Continue current programs with the current schedule.

**BMP No. F.4 Municipal Operations Waste Disposal**

**Measurable Goal(s), including frequencies:** The Village will perform all fleet washing in the enclosed washing station.

**Milestones:** Continue current fleet washing practice.

**BMP No. F.6 Other Municipal Operations Controls**

**Measurable Goal(s), including frequencies:** The Village will continue to maintain these policies to provide a good example for the residents to follow and to reduce stormwater pollution.

**Milestones:** Continue current good housekeeping practices.

**E. NOTICE OF RELIANCE ON ANOTHER GOVERNMENT ENTITY**

**B: Public Participation/Involvement**

The Village has joined the North Branch Chicago River Watershed Workgroup and is participating in its regional water quality monitoring program.

An IEPA Hazardous Waste Collection Program is provided through SWANCC. SWANCC sets up area-wide events to collect specific wastes in addition to having a permanent collection facility. The Village coordinates events with SWANCC and publicizes them to residents through the newsletter, cable TV, and the website.

**D/E: Construction Site Runoff Control and Post-Construction Runoff Control**

The MWRDGC will enforce the Construction Site Runoff Control requirements and the Post-Construction Runoff Control requirements of the Cook County Watershed Management Ordinance within the Village.

**Monitoring**

The Village has joined the North Branch Chicago River Watershed Workgroup and is participating in its regional water quality monitoring program.

MWRDGC implements a regional ambient water quality monitoring program. One of the monitoring locations in the regional program is at Oakton Street on the North Shore Channel. The data is made available by MWRDGC for evaluation and program implementation.

**F. CONSTRUCTION PROJECTS CONDUCTED DURING REPORTING PERIOD**

There were no Village funded construction projects which had a disturbed greater than one (1) acre during the reporting period.