Illinois Environmental Protection Agency

Bureau of Water • 1021 North Grand Avenue East • 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, 2016 To March, 2017

Permit No. ILR40 _____

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

Name: Village of Norridge

Mailing Address: 4000 N. Olcott Avenue County: Cook

City: Norridge State: IL Zip: 60706 Telephone: (708) 453-0800

Contact Person: Brian Gaseor, P.E. Email Address: _____
(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 Norridge

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 ☐
2. Public Participation/Involvement ☐
3. Illicit Discharge Detection & Elimination ☐
4. Construction Site Runoff Control ☐
5. Post-Construction Runoff Control ☐
6. Pollution Prevention/Good Housekeeping ☐

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: _____ Date: 5-31-17

Brian Gaseor, P.E. Printed Name: _____ Village Engineer Title: _____

EMAIL COMPLETED FORM TO: epa.ms4annualinsp@illinois.gov

or Mail to: ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
WATER POLLUTION CONTROL
COMPLIANCE ASSURANCE SECTION #19
1021 NORTH GRAND AVENUE EAST
POST OFFICE BOX 19276
SPRINGFIELD, ILLINOIS 62794-9276

SECTION A.
CHANGES TO BEST MANAGEMENT PRACTICES

X Indicates BMPs performed as proposed
√ Indicates changes to BMPs

Year 3	
A. Public Education and Outreach	
X	**A.1 Distributed Paper Material**
	A.2 Speaking Engagement
	A.3 Public Service Announcement
	A.4 Community Event
	A.5 Classroom Education Material
X	**A.6 Other Public Education**
B. Public Participation/Involvement	
	B.1 Public Panel
	B.2 Educational Volunteer
X	**B.3 Stakeholder Meeting**
	B.4 Public Hearing
X	**B.5 Volunteer Monitoring**
	B.6 Program Coordination
X	**B.7 Other Public Involvement**
C. Illicit Discharge Detection and Elimination	
X	**C.1 Storm Sewer Map Preparation**
X	**C.2 Regulatory Control Program**
	C.3 Detection/Elimination Prioritization Plan
	C.4 Illicit Discharge Tracing Procedures
	C.5 Illicit Source Removal Procedures
	C.6 Program Evaluation and Assessment
X	**C.7 Visual Dry Weather Screening**
	C.8 Pollutant Field Testing
X	**C.9 Public Notification**
X	**C.10 Other Illicit Discharge Controls**

Year 3	
D. Construction Site Runoff Control	
X	**D.1 Regulatory Control Program**
X	**D.2 Erosion and Sediment Control BMPs**
X	**D.3 Other Waste Control Program**
X	**D.4 Site Plan Review Procedures**
X	**D.5 Public Information Handling Procedures**
X	**D.6 Site Inspection/Enforcement Procedures**
	D.7 Other Construction Site Runoff Controls
E. Post-Construction Runoff Control	
X	**E.1 Community Control Strategy**
X	**E.2 Regulatory Control Program**
X	**E.3 Long Term O&M Procedures**
	E.4 Pre-Const Review of BMP Designs
X	**E.5 Site Inspections During Construction**
X	**E.6 Post-Construction Inspections**
	E.7 Other Post-Const Runoff Controls
F. Pollution Prevention/Good Housekeeping	
X	**F.1 Employee Training Program**
X	**F.2 Inspection and Maintenance Program**
X	**F.3 Municipal Operations Storm Water Control**
	F.4 Municipal Operations Waste Disposal
	F.5 Flood Management/Assess Guidelines
X	**F.6 Other Municipal Operations Controls**

SECTION B.
STATUS OF COMPLIANCE WITH PERMIT CONDITIONS

The status of BMPs and measureable goals from year 1 are described below in the following categories (A-F):

A: PUBLIC EDUCATION AND OUTREACH

A.1: Distributed Paper Material
The Goal for this program is to increase the awareness to impacts of stormwater discharges on water bodies and the actions the public can take to reduce discharge of pollutants, as well as discharge overall.

Goal for Year 3: Include information in Newsletter regarding storm water awareness.

Status: Articles regarding stormwater are scheduled to be included in one of the Village's quarterly newsletters, next reporting period. A relevant example will include a page regarding "Stormwater Awareness". The Stormwater Awareness article will also include a link to the EPA Stormwater webpage, for further information. Other articles discussing street sweeping, yard waste disposal, and garbage pick-up were included in the Village's newsletter this year. The newsletter is mailed to all 15,000 residents and is also available at Village Hall for pickup. Green infrastructure strategies are being researched and will be included in future publications. The intent is to reach out to all residents of all ages. Copies of the newsletter are kept on file.

A.6: Other Public Education
The Goal for this program is to increase the awareness of impacts of stormwater discharges on water bodies and the actions the public can take to reduce discharge of pollutants as well as discharge overall.

Goal for Year 3: Design webpage and post initial information.

Status: The Village has plans to launch a section on the Village website entitled "Stormwater Information". This section will contain background information regarding the NPDES Phase II Stormwater Program (MS4s) as well as a link to the EPA MS4 website: www.epa.gov/npdes/stormwater. This link will also provide background information regarding Green Infrastructure strategies. It is planned to expand the "Stormwater Information" section in the upcoming period by including the NOI and Annual Reports.

Furthermore, the Village website continued to include information regarding street sweeping, yard waste disposal, and garbage pick-up as it has done in years past. A link to the US EPA has already been provided. The website is maintained by the Village Administrator's office. The intention is to reach out to all residents of all ages.

B: PUBLIC PARTICIPATION/INVOLVEMENT

B.5: Volunteer Monitoring
The Goal for this program is to facilitate resident participation and involvement, thereby increasing resident empowerment and responsibility. Through this partnership, the residents can be utilized as a resource in the Storm Water Program.

Goal for Year 3: Research various commitments and feasibility of a volunteer based annual clean-up program.

Status: The Village works in conjunction with the Illinois Department of Transportation (IDOT) to coordinate a Cleanup Group along Lawrence Avenue. The Cleanup Group is comprised of local resident volunteers. The volunteers pick up trash and debris in the parkways and curblines. IDOT provides the bags and disposal service for the accumulated debris. An attempt to quantify the amount of debris removed will be included in the next annual report.

B.7 Other Public Involvement

The Goal for this program is to facilitate resident participation and involvement, thereby increasing resident empowerment and responsibility. Through this partnership, the residents can be utilized as a resource in the Storm Water Program.

Goal for Year 3: Research various products associated with a stenciling program, and conduct outreach to determine a volunteer pool.

Status: All newly installed lids on Capital Improvement Projects (approximately 25 Each) contained the labeling, "No Dumping, Drains to Waterways". The factory made lids are anticipated to be more effective than stencils due to their permanent nature and lack of weathering.

Additional clean up work was performed through the Sheriff's Work Alternate Program (SWAP), a program directed by Cook County. The Village of Norridge has a partnership with Cook County and utilizes this program on a monthly basis for 2 days a month, within Village boundaries, particularly at the Norridge Park District. Relevant work to improve the storm sewer system includes parkway cleaning of trash and debris as well as curb cleaning of similar nature. Typically, 10 garbage bags of debris are collected on average, each day of work.

C: ILLICIT DISCHARGE DETECTION AND ELIMINATION

C.1: Storm Sewer Map Preparation

The Goal for this program is to develop a map of storm sewers and their outfalls.

Goal for Year 3: Review existing atlas and confirm accuracy.

Status: The Storm Sewer map is continually updated each Construction season by Hancock Engineering. Any additional outfalls or revisions to existing outfalls are added to the map.

C.2: Illicit Discharge and Dumping Ordinances

The Goal for this program is to reduce and eliminate all illicit discharges and illegal dumping into the storm sewer system.

Goal for Year 3: Conduct in-depth review of existing Village illegal dumping ordinances.

Status: The Village wide Illicit Discharge and Illegal Dumping Ordinance with penalties remains in place. The ordinance is found in Chapter 98-215, 98-216, and 98-217 in the Village of Norridge Code. The Cook County Watershed Management Ordinance (WMO) was deemed effective by the MWRD as of May 1, 2014. The new ordinance will be reviewed thoroughly by Village staff for additional requirements and/or more stringent penalties. The draft WMO contained language regarding enforceable requirements for the prompt reporting to the MS4 of all releases, spills and other unpermitted discharges to the separate storm sewer system. The final version will be reviewed to ensure similar content is included.

C.7: Visual Dry Weather Screening

The Goal for this program is to determine the amount of illegal discharges which are occurring within the Village.

Goal for Year 3: Inspect and document all storm sewer outfalls.

Status: The Village of Norridge does not have any direct discharges to a creek or river. However, it does have a storm sewer control structure along Montrose Avenue, at which the storm water then exits the Village. This structure is inspected and cleaned once per month at a minimum. Approximately 2-3 Cubic Yards of debris are removed each month. Zero illegal discharges have been observed, fish kills, color changes, or detection of any

unknown substances. An inspection form has been created to document the inspections for the next reporting period. The storm structure will continue to be inspected on a monthly basis at a minimum. The Village inventory includes numerous industrial facilities and commercial facilities. No violations were reported or found at these locations.

C.9: Public Notification

The Goal for this program is to make the public aware of the penalties for illegal discharge and discourage illegal discharge.

Goal for Year 3: Update the website and newsletter with a schedule of monetary fines and penalties for illegal discharge.

Status: Typically, at least one of the quarterly newsletters addresses the public and refers to the ordinance in place. This will be reflected in the next reporting period, with the schedule of fines clearly indicated. Consideration of an update to the website is scheduled to be discussed amongst Village staff.

C.10: Other Discharge Controls

The Goal for this program is to ultimately reduce and eliminate all illicit discharges and illegal dumping into the storm sewer system.

Goal for Year 3: Create list of existing programs and review opportunities for expansion.

Status: The Village of Norridge has maintained its membership in the West Cook County Solid Waste Agency (WCCSWA). The WCCSWA offers many beneficial recycling programs to its members, with no direct costs to the residents. The entire program including other member communities has yielded 230,000 lbs. of electronic waste in the past six months. Additionally, another opportunity to properly dispose of electronics is held at local area community college, Triton College twice yearly. Annual events hosted by the WCCSWA this year were Paint Recycling and Medication Waste Disposal. The Medication Waste Disposal yielded a quantity of 8 each 55 Gallon drums of waste! The Paint Recycling event was hosted in Oak Park, and data will be provided for next reporting period. In the past, an annual Household Hazardous Waste event was held, which received over 3,000 vehicles who deposited waste. Unfortunately, due to funding cutbacks, the County has no longer been able to provide funding for this program. We look forward to the reinstatement of this program. In the meantime, a long term Hazardous Waste collection program is available in Naperville for the surrounding areas.

The Village of Norridge hosts a year round program entitled "Cell Phones for Soldiers." The program encourages the recycling of old cell phones and reduces the amount of electronic waste including mercury from entering our waters. The revenue received for the electronic materials is then used to purchase calling cards for soldiers who are stationed away from their families.

The Village also holds a Christmas Light Recycling program. Residents are encouraged to bring their old Christmas Lights to Village Hall between the months of December and March, for free removal and recycling.

Clean-Up Week was held by the Village again this year, both in May and October of 2016. Clean-Up Week offered residents the opportunity to dispose of many potentially harmful items, at no cost to the resident. The Village disposed of the various items and debris. Approximately 40 Ton were disposed of in May, and 10 Ton in October.

The Village offered Prescription Drug Take Back Day in early June and late November for residents to properly dispose of their unused prescription drugs and ensure they do not enter our waterways.

Free electronic recycling was offered by the Village in both May and October as well.

Additionally, the Village wide standard recycling program was measured to contain approximately 70 Ton of removal per month, for a total of approximately 840 Ton of removal for the year.

D: CONSTRUCTION SITE RUNOFF CONTROL

D.1: Regulatory Control Program

The Goal for this program is to submit erosion and sediment control plans for all developments greater than or equal to one acre in size to the IEPA.

Goal for Year 3: Identify all development plans that require a NOI for Construction Activities as part of the site plan review process, and perform review.

Status: Development plans that require a NOI for Construction Activities under NPDES permit No. ILR10 are identified by the Village Engineer as part of the site plan review process. The erosion and sediment control plans are reviewed by the Building Department and/or Hancock Engineering during the site plan review process. For Federally funded projects or projects involving IDOT, a Stormwater Pollution Prevention Plan is also required for developments of this size and the Contractor is also required to sign the Contractor's Certification Statement (IDOT BDE 2342), of which he will then assume the responsibility and release the Village from liability. Due to an increase in economic activity, several development plans were reviewed during this reporting period.

Furthermore, within the erosion and sediment control plans, the type of inlet filters required on construction projects has been revised to reflect the recent update to the Illinois Urban Manual. The use of hay bales is considered obsolete, and the new method of reusable sediment trap filters is more effective and efficient. Hancock Engineering attended a detailed presentation on this matter by the Kane-Dupage Soil and Water Conservation District. The presentation provided further information regarding Green Infrastructure storm water management techniques. The use of the new inlet filters is considered to be a Green method. We look forward to including additional Green methods in the upcoming reporting periods.

D.2.: Erosion and Sediment Control BMPs

The Goal for this program is to investigate and inspect the erosion and sediment control measures in public projects as part of developments greater than 1.0 acre.

Goal for Year 3: Perform and document inspections for erosion and sediment control measures as stated in "Measureable Goals."

Status: This reporting period, 2 Public Projects and 1 Private Project were inspected by the building department or Hancock Engineering with respect to erosion and sediment control measures. See Section F for the list of Public Projects and associated details. All Projects were found to be in compliance. For Public Projects, typically Hancock Engineering provides construction site inspection. There are approximately 3 inspectors in total who perform erosion control inspections. Hancock Engineering attended an NPDES Compliance seminar led by Certified Professional Erosion and Soil Control (CPESC) speakers, in order to learn further about erosion and sediment control measures. Additionally, Hancock Engineering added a Designated Erosion Control Inspector (DECI) to staff, in an effort to improve erosion and sediment control inspection practices.

D.3: Other Waste Control Program

The Goal for this program is to ensure excavated materials are inspected, classified, and then delivered to the appropriate dumping facility based on the determined classification of waste.

Goal for Year 3: Review updates to IEPA rules regarding Clean Construction and Demolition Debris (CCDD).

Status: Effective August 2010, the IEPA has placed more stringent requirements regarding the excavation of soils from construction sites. In order for the Contractor to utilize Clean Construction and Demolition Debris (CCDD) landfills, the excavated material must be certified and tested by a Licensed Professional Engineer, as stated in EPA Form LPC 663. Furthermore, the IEPA is required to be notified by the landfill whenever material

is delivered and discovered to not be acceptable CCDD fill and thereby rejected from the landfill. This process, including the established penalties in place, help ensure that the materials will then be delivered to an appropriate facility. For the next reporting period, it is anticipated that the mentioned requirement will be required by the Village Engineer to be provided as a General Note on all Construction Plans.

Another relevant program that the Village was fortunate to be able to offer was the Flood Control Program. For the fourth year, the Village provided approximately $20,000 in grant monies to 16 households, with a $1,500 cap in an effort to install flood control. Since the inception of the project, the Village has provided assistance to over 96 households. The program was spurred by the unfortunate flooding event of July 24, 2010. By installing flood control devices, a reduction of contaminated water as well as post flooding debris will be realized in future storm events.

D.5: Public Information Handling Procedures

The Goal for this program is to track the number of complaints received and processed related to soil erosion and sediment control.

Goal for Year 3: Organize a filing system to track the erosion and sediment control complaints.

Status: The Village currently keeps record of all of the public works directed complaints. The department is attempting to assemble a filing system to better categorize the complaints. Once this system is implemented, the specific complaints to erosion and sediment control can be reviewed and the input provided can be of value. The amount of complaints can then be tallied as well. At this time the form has been created and is ready for use. There were no complaints received during the past reporting period directly with regard to erosion control. Several complaints are typically received due to clogged storm sewer laterals, which turn out to be a result of excessive leaves in the system, not from erosion control methods.

D.6: Site Inspection/Enforcement Procedures

The Goal for this program is to ensure 100% of all private construction sites are inspected for 100% of the required erosion and sediment control BMPs.

Goal for Year 3: Inspect all site work in the grading phase, building phase, and for a Final Inspection.

Status: Typically the Building Department is responsible for inspecting private projects in the Grading Phase, Building Phase, and for a Final Inspection. No violations or enforcement actions have been reported. A total of approximately 10 private developments (single family homes) were constructed this reporting period. A Certificate of Occupancy will not be granted unless the inspection is approved. All sites were approved without incident.

E: POST-CONSTRUCTION RUNOFF CONTROL

E.1: Community Control Strategy

The Goal for this program is to reach out to the community as a means of reducing sources of post-construction control.

Goal for Year 3: Evaluate feasibility of proposed rain barrel program.

Status: The Village has initiated a pilot Rain Barrel Program, in partnership with the Metropolitan Water Reclamation District (MWRD). The Village aided residents by obtaining rain barrels from a third party for free, and providing them to interested residents. The Village provides information and purchasing assistance to residents in search of rain barrels at the Village Hall. An active pursuit of the programs is necessary as they are often only offered for a limited time.

E.2: Regulatory Control Program

The Goal for this program is to enforce the Cook County Watershed Management Ordinance (WMO) and adopt any amendments.

Goal for Year 3: Implement Cook County WMO, coordinate and compare existing Village ordinances with the WMO.

Status: The WMO became effective as of May 1, 2014. The WMO contains restrictions on the quality and quantity of water to be permitted to be discharged from developed sites. All projects which meet the minimum criteria for requiring a permit will be submitted for review and adhere to the associated requirements.

E.3: Long Term O&M Procedures

The Goal for this program is to include Green measures in future developments.

Goal for Year 3: Research various Green construction methods and review feasibility.

Status: The Village is in the process of learning about Green construction methods and how they can be applied to the urban characteristics of the Village, with the intent of introducing requirements for such.

The Village is looking into the feasibility of certain Green BMP strategies and how to appropriately apply them to future Village projects. Upon developing a strategy (or various strategies), the Village can then move forward and implement them. The Village has attended seminars regarding inlet filters. An inlet filter with basket was installed at the Public Works yard on a trial basis. This will be elaborated in further detail in the next reporting period.

E.6: Post Construction Inspection

The Goal for this program is to inspect construction sites periodically after final acceptance, to ensure that all BMPs contained in the plans are maintained in place. This will also entail Green construction methods in future developments.

Goal for Year 3: Inspect 50% of all sites on an annual basis, ensure that stormwater BMPs are working appropriately.

Status: The Village should inspect 50% of sites on an annual basis. This will be implemented in upcoming reporting periods. The Village would like to inspect the various aspects of storm water improvements and Green construction wherever within the Village jurisdiction, which were called for in the original construction plans. Currently, the Building Department has been performing Post Construction Inspection wherever complaints have been presented or an observed issue was noted. As a preventative measure, the Village should inspect sites which are not initially deemed to be a problem.

F.1: Employee Training Program

The Goal of this program is to identify current practices that contribute to stormwater pollution and implement programs and procedures for Public Works activities that reduce and eliminate the discharge of pollutants into storm sewer systems.

Goal for Year 3: Continue training program as well as incorporate Green/Sustainability education.

Status: The Village continues the training program by educating and field training the employees in topics applicable to storm water management. The Village staff includes a Collection System Operator with an accredited certification. The Collection System Operator certification is a highly detailed accreditation and involves the both sanitary and storm sewers. This has been maintained since 2008. The Village has 2 licenses and had 2 attendees at equipment maintenance classes, which are attended on an annual basis. Seminars regarding sustainability methods are being reviewed with hopes of incorporating them where possible.

F.2: Inspection and Maintenance Program

The Goal of this program is to directly reduce the amount of debris from entering storm sewer structures and entering the storm sewers.

Goal for Year 3: Continue street sweeping program and sewer cleaning / structure cleaning program.

Status: The Village acknowledges that the street sweeping and structure cleaning program improves the quality of the storm sewer discharges and continues its program. Street Sweeping is performed from April 1st through December 1st, each day Monday through Friday. Over the course of the week, the entire Village is swept. Approximately 80 miles of curb are swept in one week, and 4 miles of alleys per week. Typically 2 Ton of debris are removed of and disposed of per week, resulting in approximately 80 Ton of debris per year.

The detention basin is cleaned once per year, and the grates at the detention basin outflow are cleaned twice per month to ensure adequate performance. The Village also continues its year round branch removal program. This work is done every Monday, and averages 1 ½ truckloads of removal, or 15 Cubic Yards. Approximately 1,000 Cubic Yards are removed over the course of one year, which includes all additional and special removal.

Sewer Cleaning and Televising was performed by private local contractor. Approximately 750 ft of sewers were televised and cleaned. Approximately 50 Catch Basins were cleaned over the course of the year by private contractor as well.

The Village of Norridge arborist inspects the trees throughout the Village. Approximately 55 trees were planted over the course of this reporting period.

An important project along the Thatcher Avenue ditch was performed over the previous reporting period. The ditch was regarded and debris was removed, in an effort to provide better drainage and cleaner stormwater. The project also included the removal of bushes and invasive tree species within the ditch. Additional work will continue as funding becomes available to the Cook County Forest Preserve District.

F.3: Municipal Operations Storm Water Control

The Goal of this program is to directly reduce the amount of contaminants entering the storm sewer system, as a result of municipal operations.

Goal for Year 3: Review existing program and develop strategy to implement additional relevant measures.

The Village of Norridge provides a storage facility for its salt. The salt is kept on a concrete pad and covered with a roof. The application of the salt to streets has been kept at a minimum, using only what is necessary to ensure safety for vehicles and pedestrians. Approximately 700 Tons were applied to the streets this past year, with no additives. The Village is currently looking into the additive "Geomelt." The additive "Geomelt" is said to reduce the amount of salt necessary in order to obtain a desired temperature or reduction of ice. This in turn reduces the amount of salt that enters the waterways.

The Village of Norridge also has a schedule of frequent maintenance on its fleet of Village vehicles by providing a weekly vehicle inspection to reduce the unnecessary discharge of automotive fluids. The Village utilizes a computerized record system, in order to aid in scheduling and record keeping of vehicular maintenance. The record keeping system is currently in place.

Triple Basins in garage areas are continuously inspected and cleaned on a regular basis. The maintenance yard is inspected throughout the year. 0 gallons of herbicides and pesticides were applied to the Right-of-Way by the Village. An independent contractor inserts pellets into catch basins to reduce the mosquito population.

Assessment of Appropriateness of Identified BMPs (and Progress Towards a Reduction in Pollutants Discharged)

The BMPs listed below provided pertinent results with regard to their effectiveness in meeting their measureable goals and reducing pollutant discharge, within this reporting period. All other BMPs which are omitted either did not provide an affirmative result this period (either positive or negative), or need more time to be observed in order to fairly judge their effectiveness. An in depth analysis of all BMPs is scheduled for the end of the 5 year period.

A.1 Distributed Paper Material Resident input regarding the newsletters is taken into account, when received. It is difficult to attribute a decrease in pollutants directly to the newsletters, so the most appropriate way to determine the effectiveness of a newsletter article is from Resident input at Village Hall.

B.5 Volunteer Monitoring An unintended, positive result of trash removal was Public Education. In addition to the reduction of pollutants, many residents were able to become more knowledgeable about the Stormwater System and pass this information along to their neighbors. This can be incorporated in the future as an Outreach Strategy.

B.7 Other Public Involvement Public Works employees and Village officials reported that an increase in resident discussion occurred regarding the stencils and lids. This supports the fact that stormwater awareness is on the rise, which leads to the ultimate goal of increasing resident involvement. The strategy is to incorporate as many residents as possible.

C.7 Dry Weather Screening The goal of the Illicit Discharge Detection and Elimination category is to reduce and eliminate all illegal discharges. There have been nearly zero illicit discharges reported or prosecuted in the Village. This may or may not be attributed to the effectiveness of the storm water program. In order to support this fact that the program is successful and to increase confidence that no illegal discharges actually occurred, further inspection should be performed. It is anticipated that most of the additional inspection will be performed by residents who have gained a greater awareness of the storm sewer system. They in turn will communicate directly and indirectly with Village staff. Village staff should also increase the amount of inspections, when possible. This relationship between the program and the amount of illegal discharges will be evaluated in depth at the end of the 5 year period.

C.10 Other Discharge Controls The goal of this BMP category is a reduction of contaminants. It is unknown whether the reduction would take place primarily at a landfill, within Village boundaries, or a location within transit. The primary source-point needs to be investigated further in order to effectively gauge the program. The electronics recycling is assumed to reduce the amount of mercury. At this time, the Village does not have funding to perform mercury detection tests as a program gauge, but try to obtain data from other testing entities.

D.1 Regulatory Control Program The goal of this BMP category is to reach 100% compliance for NOI submittal of development projects that are 1.0 acre or greater. Unfortunately, with the economic downturn there are not many developments being planned. Also, due to the urban nature of the Village, most developments are on property that is less than 1.0 acre in size.

However, when this BMP is indeed applicable, we believe it will be quite effective by placing the responsibility on the Contractor (Contractor's Certification Statement), and should decrease the amount of erosion control/pollutant discharge deficiencies. The amount of penalties given to Contractors, if any, will be tabulated and evaluated at the end of the 5 year period, with the assumption of a decrease.

D.5 Public Information Handling Procedures
This BMP will require several years of data collection in order to establish a benchmark. At that time, this BMP will be useful in order to evaluate the Construction Site Runoff Control category. The input from residents can be reviewed to determine if positive and beneficial changes can be made to the program. Also, the amount of

complaints received will be analyzed. Ideally, a correlation between the increase/decrease of the amount of complaints and the effectiveness of the program, will be able to be observed.

E.1: Community Control Strategy

This BMP will be analyzed in future reporting periods with respect to volume of contamination which is mitigated, as well as the quantity of pollutants removed from the storm sewer system.

E.3: Long Term O&M Procedures

An apparent challenge for this BMP is being able to apply the Green Infrastructure strategies to an already developed urban area. The majority of foreseeable Green improvements would come by way of "retro-fit", as opposed to the ease of installation in a new development. Some of the retro-fit options we have been identified at this point are permeable pavers, tree-box biofilters, stand alone biofilters, rain gardens, rain barrels, and bioswales. At this point, the costs need to be fully evaluated, as well as an implementation schedule and associated requirements. The aesthetic concerns of a retro-fit are also to be reviewed. Another challenge is that when using a new technology, unfortunately there is a risk involved. Therefore, other pilot programs and case studies in the area need to be reviewed, while drawing as much pertinent data from them as possible.

E.6: Post Construction Inspection

This BMP will include strict inspection of Green construction methods in upcoming reporting cycles. Currently, Hancock Engineering is sharing basic information with the Village regarding Green methods. Over time, the Village inspectors should become more knowledgeable and experienced in this type of inspection. Another desired outcome of Post Construction Inspection is that word will spread amongst property owners to keep their storm systems working as designed, because the Village will perform future inspections.

SECTION C.
INFORMATION AND DATA COLLECTION

The Village is currently investigating the purchase of a rain gauge. Additional local rainfall data is found on the MWRD website. The MWRD has 12 monitoring stations measured daily to the nearest hundredth of an inch. The closest station in proximity to the Village of Norridge is located in the Village of Glenview.

SECTION D.
NEXT REPORTING CYCLE - SUMMARY OF ACTIVITIES TO BE UNDERTAKEN

The Village of Norridge intends to pursue the milestones outlined for Year 4 in the 2014 Notice of Intent (NOI) Permit Renewal, with the exception of those discussed in "Assessment of Appropriateness of Identified BMPs (and Progress Towards a Reduction in Pollutants Discharged)", which are to be revised as such.

SECTION E.
NOTICE OF RELIANCE UPON OTHER GOVERNMENTAL ENTITIES

The Village of Norridge relied upon the Metropolitan Water Reclamation District (MWRD) in conjunction with the newly effective Cook County Watershed Management Ordinance (WMO). The District's Board of Commissioners adopted the WMO on October 3, 2013, and decreed it effective on May 1, 2014. The WMO addresses numerous MS4 Permitting BMP requirements and acts as an additional regulatory mechanism to keep the MS4 program on track. Specific BMPs which are relied upon from the WMO will be discussed in future reporting.

The Village of Norridge did not rely on any other government entities to satisfy any of the permit obligations during this time period.

SECTION F.
CONSTRUCTION PROJECTS PERFORMED DURING THE REPORTING PERIOD

Project Name	Type	Project Size (acres)	Construction Start Date	Construction End Date
Show Property Water Main Project	Water Main	0.7	Fall 2016	Spring 2017
2016 Surface Patching Program	Resurfacing	0.4	Summer 2016	Summer 2016