



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, 2016 To March, 2017

Permit No. ILR40 0401

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

Name: Village of North Aurora Mailing Address 1: 25 East State Street
Mailing Address 2: _____ County: Kane
City: North Aurora State: IL Zip: 60542 Telephone: 630 232 0827
Contact Person: James Bibby Email Address: jibby@rsaengr.com
(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 North Aurora

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
James Bibby
Printed Name:

3-14-2017.

Date:
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

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.

**VILLAGE OF NORTH AURORA
2017 ANNUAL I.E.P.A. FACILITY INSPECTION REPORT**

March 2016 to March 2017 Reporting Year

**NPDES PERMIT FOR STORM WATER DISCHARGES FROM
MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4)**

A. CHANGES TO BEST MANAGEMENT PRACTICES - There are no significant changes to the Best Management Practices (BMP) for the control measures submitted in the Notice of Intent for the Village of North Aurora for this reporting period excepting those changes intended to meet recent modifications made by IEPA to the NPDES permit issued February 10, 2016.

A. Public Education and Outreach

No changes this reporting period.

B. Public Participation/Involvement

No changes this reporting period.

C. Illicit Discharge Detection and Elimination

No changes this reporting period excepting the addition of BMP C.7 "Visual Dry Weather Screening."

D. Construction Site Runoff Control

No changes this reporting period.

E. Post-Construction Runoff Control

No changes this reporting period.

F. Pollution Prevention/Good Housekeeping

No changes this reporting period.

**B. STATUS OF COMPLIANCE WITH THE PERMIT CONDITIONS, INCLUDING AN ASSESSMENT OF THE
BMPS AND PROGRESS TOWARD THE MEASURABLE GOALS**

The status of compliance for the six (6) Control Measures outlined in the Village of North Aurora's Notice of Intent are presented in this report are summarized as follows and in the attached spreadsheet:

A. Public Education and Outreach

BMP A.1: Distribute informational pamphlets once per year.

The Village of North Aurora has provided information, received from both Kane County and the Kane DuPage Soil and Water Conservation District, to the public regarding the impact of storm water discharges and prevent storm water pollution. Information has been distributed to North Aurora schools and are also available at the North Aurora Village Hall. The Kane County Recycling Guide is also available at the Village Hall for distribution to residents.

The Village of North Aurora will continue to make information available to the public to educate them on the impact of storm water discharges and to prevent storm water pollution through pollution prevention practices.

NPDES Pamphlets were passed out in August at North Aurora Days Festival booth and "Help Reduce Storm Water Pollution" was posted on North Aurora's webpage

- BMP A.2:** Invite and have the Kane-DuPage Soil and Water Conservation District, County or professional organization present material at public meetings at least one or more times per year.

The Village of North Aurora partnered with the KDSWCD which gave a presentation at the Public Hearing held March 20, 2016.

The Village of North Aurora will continue to schedule a public hearing and speaking engagement with KDSCD annually. The public hearing will be posted at the Village Hall and also on the Village of North Aurora website to inform the public of this event.

- BMP A.3:** Create and televise a public service announcement once per year.

A public service announcement was run on the Fox Valley Television Cable Consortium on Channel 17. The Village of North Aurora's Notice of Intent and additional information is available on the Village of North Aurora's website for public access. The Village of North Aurora will continue to provide information on the Village's website and in the newsletter to educate the public on storm water pollution prevention.

- BMP A.4:** Pass out flyers and promote education of storm pollution at the North Aurora Days Festival.

The Annual North Aurora Days Event was held in August, 2016 and provided an opportunity for the Public Works Superintendent to publicly speak and answer questions regarding storm water pollution prevention. NPDES pamphlets were available. The Village of North Aurora's annual North Aurora Days Event will continue to provide an opportunity to reach out to North Aurora residents about water pollution prevention and distribute pollution prevention information.

- BMP A.5:** Pass out flyers and promote education of storm pollution at local schools.

The Village of North Aurora has distributed educational materials, received from Kane County and the Kane DuPage Soil and Water Conservation District, to the local schools. The Village of North Aurora will continue to annually provide educational materials to our local schools. Pamphlets were delivered to Goodwin, Fern and Schneider Elementary Schools

B. Public Participation/Involvement

- BMP B.4:** Conduct a Storm Water Pollution Public Hearing one (1) time per year.

The Village of North Aurora held a public hearing on March 20, 2016.

C. Illicit Discharge Detection and Elimination

- BMP C.1:** Update storm sewer mapping as applicable, if funds are available.

The Village maintains and updates as necessary the computerized storm water mapping system. The map identifies storm sewer mains, sewer size and locations, catch basin locations, and discharge points to receiving waters (Fox River and tributary streams). A copy of the storm sewer map is kept on file. Updates to the mapping system are performed when funding is available.

- BMP C.2:** Keep a running record of illicit discharge violations, their cause, and the remedy.

The Village of North Aurora has adopted an illicit discharge detection and elimination ordinance approved May 16, 2016. The Village Codified ordinance states it is unlawful to discharge to any natural outlet without an NPDES permit. No violations have been issued during the reporting period.

- BMP C.3:** Log inspections of commercial/industrial sites and sanitary sewers inspections.

The Village performs cursory inspections of Village property during normal business operations for proper storage of materials. Sanitary sewers are televised and repaired as funding permits. No violations were reported for the 2016-2017 reporting year.

- BMP C.7:** Log inspections of storm sewer outfalls to the Fox River or Blackberry Creek with photo and visual inspection during dry weather conditions.

The Village Engineer conducted visual dry weather screening on two large outfalls to the Fox River (West side) on 12/6/2016. The report is on file.

D. Construction Site Runoff Control

BMP D.1: Continue to enforce the Kane County Stormwater Ordinance.

The Village of North Aurora has adopted Ordinance 01-05-14-02, an Ordinance Adopting the Kane County Stormwater Management Ordinance, and subsequent amendments to Ordinance 01-05-14-02. This Ordinance incorporates by reference all of the provisions of the Kane County Storm Water Management Ordinance which was adopted by the Kane County Board and is enforced within the municipal limits by the Village of North Aurora. (Copies of all ordinances are on file) Review and Updates to the stormwater management ordinance are currently out for proposal as of February 21, 2017 by Kane County.

BMP D.2: Continue to contract with the Kane-DuPage Soil and Water Conservation District for soil and sedimentation plan review and inspection.

North Aurora has adopted Kane County Storm Water Ordinance and has an intergovernmental agreement (on file) with the Kane-DuPage Soil and Water Conservation District to provide on-going construction site soil erosion inspections for construction sites greater than or equal to 2 acres. The KDSWCD has authority to inspect these sites for NPDES compliance. A copy of the intergovernmental agreement between the Village of North Aurora and KDSWCD is on file. Copies of the erosion and sediment control inspections are on file.

BMP D.3: Log incidences of violations to Ordinance 2001-73.

The Village of North Aurora addresses the control of construction wastes such as discarded building material, concrete truck washout, chemicals, litter, and sanitary waste at the construction site that may cause adverse impacts to water quality. Per ordinance 2001-73 building construction waste must be disposed of properly. No violations have been reported during this report period.

BMP D.4: Continue to review plans for conformance to the Kane County Ordinance and local Ordinances.

The North Aurora Public Works Department, the Building and Zoning Department, and the North Aurora Village Engineer jointly address plan reviews and site runoff control procedures with all contractors during pre-construction meetings, as well as conducting site inspections and ensuring enforcement. The Village Engineer reviews plans for conformance with engineering requirements and Kane County Ordinance. Copies of reviews are on file organized by a project by project basis.

E. Post-Construction Runoff Control

BMP E.2: Update and adopt revisions to the Kane County Stormwater Ordinance as required.

The Village of North Aurora has adopted Ordinance 01-05-14-02 which adopts the Kane County Stormwater Ordinance 00-312. This Ordinance incorporates by reference all of the provisions of the Kane County Storm Water Management Ordinance and is enforced within the municipal limits by the Village of North Aurora. A copy of this ordinance and all subsequent ordinances approving amendments to the Kane County Stormwater Ordinance are on file at the North Aurora Village Hall. Ensuring compliance with the Kane County stormwater ordinance reduces pollution due to decreased runoff rates and erosion control requirements. No changes have been made to the current ordinance.

BMP E.7: Inspect storm detention basins and visible storm features for trash and clean-up as required.

Storm water management facilities are owned by a public agency (or homeowners association) with long term maintenance costs covered by Special Service Areas (SSA). The Village performs cursory inspections of Village detention basins during normal business operations for maintenance. Clean up is performed on a case by case basis as scheduling and allows. No major issues of concern were reported. No significant maintenance was performed

F. Pollution Prevention/Good Housekeeping

BMP F.1: Provide instruction on NPDES requirements and compliance for Public Works employees. Begin the creation of an Employee Pollution Prevention Manual, if funding is available.

North Aurora Employee Training for Public Works Employees is scheduled annually with the Kane DuPage Soil and Water Conservation District. The Employee training was unable to be scheduled during this reporting year due to staff limitations and scheduling conflicts. The Village provided employee training in March of 2017.

BMP F.2: Clean at least 25% of catch basins in high traffic areas and arterial snow routes, 8000 feet of storm sewer, and downtown streets, if funding is available.

Fleet and building maintenance: Fleet and building maintenance is performed on a monthly basis by Village Staff. Used motor oil, fluids, batteries, tires, etc. are all recycled through approved recycling programs. North Aurora performs regular maintenance on their vehicles, vehicle wash waste is tributary to the sanitary sewer. The Police Department washes all vehicles through a public car wash that recycles and filters the water used. The North Aurora Fire Department vehicles are washed at Fire Station 2 inside where runoff is discharged through an approved triple trap system.

Parking lots and street cleaning: Bi-annual cleaning is done on all parking lots and streets and debris is dumped at an appropriate landfill to help keep storm sewers free of debris. Street sweeping was done throughout the village. The Village of North Aurora leaf collection program was conducted in October 2016 as advertised to the public on the Village's website and October 2016 Newsletter. Street Cleaning was performed on 4/13/16, 6/3/16 and 12/01/16.

Storm drain system cleaning – increase inlet cleaning frequency on main roads: The Public Works Department attempts to clean sections of the storm drain system annually. This reporting year, funding was not available for cleaning of storm sewer lines or catch basins.

Road salt application and storage: Salt is stored in two covered salt domes with an impervious surface, and roads are salted using a minimal amount of salt necessary, roads are treated with an environmentally friendly liquid to help limit the amount of salt needed.

Spill Response and Prevention: The Public Works Department manages the prevention and response of spills as needed. The Fire Department is provided with updated Storm Sewer Maps when available.

C. RESULTS OF ANY INFORMATION COLLECTED AND ANALYZED, INCLUDING MONITORING DATA

Monitoring data for each BMP is shown on the attached spreadsheet in order to attempt to compare yearly BMP activities from one reporting year to the next for evaluating effectiveness. Because this is the first year of evaluation of BMP's per effectiveness, no direct comparison exists to the previous reporting year however, BMP's may be evaluated from year to year based on the BMP descriptors as outlined in the spreadsheet or other notes and results as reported. Additional descriptors will be added when and if they become available for qualitative comparison. The Village of North Aurora has a population of less than 25,000 and therefore has chosen to perform visual observations of select outfalls as a secondary means for monitoring effectiveness. The result of the inspections has flagged one outfall for maintenance.

D. SUMMARY OF STORM WATER ACTIVITIES ANTICIPATED FOR THE NEXT REPORTING CYCLE

The Village will focus on addressing BMP goals that were not reached within this past reporting period and complete them before the next reporting period.

E. NOTICE OF RELYING ON ANOTHER GOVERNMENTAL ENTITY TO SATISFY SOME OF THE PERMIT OBLIGATIONS

The Village of North Aurora relies on Kane County to fulfill its stormwater regulation and has adopted the Kane County Storm water Ordinance. The Village of North Aurora has also retained the services of the Kane-DuPage Soil

and Water Conservation District to provide the Village's on-going construction site soil erosion inspections (intergovernmental agreement is on file).

F. CONSTRUCTION PROJECT LIST

The following road and construction projects were active in the Village of North Aurora from March 2016 to March 2017:

Road Construction and Developments completed during the 2016-2017 Reporting Year

- Airport Road
- Hanson Drive
- Overland Drive
- Overland Lane
- John Street
- Dee Street
- Banbury Road
- Ridge Lane

G. Summary of approved TMDL study BMP's

No TMDL limits nor TMDL BMPs have been implemented.

H. Qualifying Local Programs implementing all minimum control measures:

The Village of North Aurora is not relying on any local program to meet all minimum control measures.

VILLAGE OF NORTH AURORA NPDES MONITORING, RECORDKEEPING, REPORTING AND EVALUATION OF ESTIMATED POLLUTION REDUCTION
REPORTING PERIOD MARCH 2016 THROUGH MARCH 2017

| BMP | Public Education and Outreach | Key Organizer(s) | Date(s) Performed | Location(s) | Quantity Descriptor(s) (number, attendance, incidences, etc.) | Estimated Pollution Reduction, result, effect, response, actions taken or notes | Completed? |
|------------|--|---|---|--|--|---|-------------------------------------|
| BMP A.1 | Distributed Paper Material | Village of North Aurora | August for North Aurora Days | Oak and Randall Roads | 100 pamphlets +/- | pamphlets passed out in August at North Aurora Days Festival booth. "Help Reduce Storm Water Pollution" posted on North Aurora's webpage | <input checked="" type="checkbox"/> |
| BMP A.2 | Speaking Engagement | Village of North Aurora | March 20, 2016 | Village Hall | No measurable public interest | KDSWCD gave a presentation at the Public Hearing held March 20, 2016 | <input checked="" type="checkbox"/> |
| BMP A.3 | Public Service Announcements | Village of North Aurora | week of 2/22/17 | N/A | Bulletin ran for 1 week | Stormwater Pollution outreach was advertised on the Fox Valley Cable channel | <input checked="" type="checkbox"/> |
| BMP A.4 | Community Event | Village of North Aurora | August for North Aurora Days | Oak and Randall Roads | 100 pamphlets +/- | passed out NPDES materials at the Annual North Aurora Days Festival in August | <input checked="" type="checkbox"/> |
| BMP A.5 | Classroom Education Material Distributed | Village of North Aurora | 2016-2017 | Various Schools | reached ~ 305 students | Pamphlets were delivered to Goodwin, Fern and Schneider Elementary Schools | <input checked="" type="checkbox"/> |
| BMP | Public Involvement and Participation | Key Organizer(s) | Date(s) Performed | Location(s) | Quantity Descriptor(s) (number, attendance, incidences, etc.) | Estimated Pollution Reduction, result, effect, response, actions taken or notes | Completed? |
| BMP B.4 | Public Hearing | Village of North Aurora | 1st and 3rd week of the month | Village Hall | No measurable public interest | Residents may speak at any public Village meeting that generally meets the 1st and 3rd week of the month. KDSWCD gave a presentation at the Public Hearing held March 20, 2016 | <input checked="" type="checkbox"/> |
| BMP | Illicit Discharge Detection and Elimination | Key Organizer(s) | Date(s) Performed | Location(s) | Quantity Descriptor(s) (number, attendance, incidences, etc.) | Estimated Pollution Reduction, result, effect, response, actions taken or notes | Completed? |
| BMP C.1 | Sewer Map Preparation | Village Engineer | no updates performed during this reporting period | N/A | Mostly minor development has occurred during the reporting period within existing developments where detention has already been provided | No new outfalls have been constructed to the Fox River. Outfalls for a respective developments are on file with the Village Engineer within the specific project file folder | <input checked="" type="checkbox"/> |
| BMP C.2 | Regulatory Control Program | Village of North Aurora | adopted May 2016 | Enforceable Village Wide | N/A | The Village of North Aurora has adopted an Illicit discharge detection and elimination ordinance approved May 16, 2016. No violations have been issued during the reporting period. | <input checked="" type="checkbox"/> |
| BMP C.3 | Detection/Elimination Prioritization Plan | Village of North Aurora, Village Engineer | Pre construction meeting was in October | see folder BMP C.3. | 37 manholes sealed, 81,300 lf of sanitary sewer televising | Reduction of Inflow and Infiltration reduces the chance of sanitary sewer overflows decreasing the probability of stormwater pollution | <input checked="" type="checkbox"/> |
| BMP C.7 | Visual Dry Weather Screening | Village of North Aurora, Village Engineer | 12/6/2016 | 60" west side Fox river @ oak/IL31 and 36" west side Fox river ILRT 31& Airport road | 2 outfalls | The 36" storm sewer outfall is in need of maintenance. Report is on file. | <input checked="" type="checkbox"/> |
| BMP | Construction Site Stormwater Runoff Control | Key Organizer(s) | Date(s) Performed | Location(s) | Quantity Descriptor(s) (number, attendance, incidences, etc.) | Estimated Pollution Reduction, result, effect, response, actions taken or notes | Completed? |

**VILLAGE OF NORTH AURORA NPDES MONITORING, RECORDKEEPING, REPORTING AND EVALUATION OF ESTIMATED POLLUTION REDUCTION
REPORTING PERIOD MARCH 2016 THROUGH MARCH 2017**

| BMP | Public Education and Outreach | Key Organizer(s) | Date(s) Performed | Location(s) | Quantity Descriptor(s) (number, attendance, incidences, etc.) | Estimated Pollution Reduction, result, effect, response, actions taken or notes | Completed? |
|------------|--|---|--|--------------------------|--|--|-------------------------------------|
| BMP D.1 | Regulatory Control Program | Village Engineer | No updates to the stormwater control ordinance were made during the reporting period | Village Limits | Approximately 10 new business developments were reviewed during the reporting period for compliance with the stormwater ordinance. Correspondence is on file with the Village Engineer | Review and Updates to the stormwater management ordinance are currently out for proposal as of February 21, 2017 by Kane County | <input checked="" type="checkbox"/> |
| BMP D.2 | Erosion and Sediment Control BMPs | Village of North Aurora, KDSWCD, Village Engineer | Various, see report print outs in file | Sites under construction | Hardware Restaurant, Opus East Warehouse, Continental Apartments, Liberty Business Center - Bldg. 1, | from column at left, 5.5 acres, 23 acres, 27 acres & 51 acres respectively = 106.5 acres * 20/tons/year/acre = an estimated 2,130 tons* of soil erosion has been prevented from entering streams by incorporating erosion and sedimentation control measures | <input checked="" type="checkbox"/> |
| BMP D.3 | Other Waste Control Program | Village of North Aurora, KDSWCD, Village Engineer | Various see report print outs in file (BMP D.2) | Sites under construction | Hardware Restaurant, Opus East Warehouse, Continental Apartments, Liberty Business Center - Bldg. 1, | No written violations were issued during this reporting period. | <input checked="" type="checkbox"/> |
| BMP D.4 | Site Plan Review Procedures | Village Engineer | various, but prior to permit issuance | Village Limits | developments are on file with the Village Engineer by project number | Ensuring compliance with Village requirements reduces pollution by following codes, ordinances, construction standards for protection and improves safety | <input checked="" type="checkbox"/> |
| BMP | Post Construction Storm Water Management | Key Organizer(s) | Date(s) Performed | Location(s) | Quantity Descriptor(s) (number, attendance, incidences, etc.) | Estimated Pollution Reduction, result, effect, response, actions taken or notes | Completed? |
| BMP E.2 | Regulatory Control Program | Village Engineer | various, but prior to permit issuance | Village Limits | developments are on file with the Village Engineer by project number | Ensuring compliance with the Kane County stormwater ordinance reduces pollution due to decreased runoff rates and erosion control requirements. | <input checked="" type="checkbox"/> |
| BMP E.7 | Other Post-Construction Controls | Village of North Aurora | during normal business operations | Village Wide | No major issues of concern were reported. No significant maintenance was performed | The Village performs cursory inspections of Village detention basins during normal business operations for maintenance. Clean up is performed on a case by case basis and scheduling allows | <input checked="" type="checkbox"/> |
| BMP | Pollution Prevention and Good Housekeeping for Municipal Operations | Key Organizer(s) | Date(s) Performed | Location(s) | Quantity Descriptor(s) (number, attendance, incidences, etc.) | Estimated Pollution Reduction, result, effect, response, actions taken or notes | Completed? |
| BMP F.1 | Employee Training Program | Village of North Aurora | March 2016 and 2017 | Village Hall | All Village Maintenance Employees. An employee training manual has been started. | The Village provided employee training in March of 2016 and 2017 | <input checked="" type="checkbox"/> |
| BMP F.2 | Inspection and Maintenance Program | Village of North Aurora | 4/13/16, 6/3/16, 12/01/16 | Throughout the Village | All major Village streets were cleaned, funding was not available for storm sewer cleaning this reporting period | North Aurora performs regular maintenance on their vehicles, wash waste is tributary to the sanitary sewer. Village streets are swept every fall and spring, catch basins are cleaned as funding permits | <input checked="" type="checkbox"/> |

*per NRCS construction site without erosion control can average a soil loss of 20-200 tons/acre/year