

**ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
 NOTICE OF INTENT
 FOR GENERAL PERMIT FOR DISCHARGES FROM
 SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS
 (MS4s)**

Input forms in Word format are available
 by via email.
marilyn.davenport@epa.state.il.us
 or by calling the Permit Section at
 217/782-0610
 See address for mailing on page 4

For Office Use Only – Permit No. ILR40_____

Part I. General Information

1. MS4 Operator Name: Village of North Aurora

2. MS4 Operator Mailing Address:
 Street- 25 East State Street City- North Aurora
 State- Illinois Zip Code- 60542

3. Operator Type: Municipal

4. Operator Status: Municipal

5. Name of Governmental Entity in which MS4 is located: Village of North Aurora

6. Area of land that drains to your MS4 (in square miles): Approximately 10 square miles

5. Latitude/Longitude at approximate geographical center of MS4 for which you are requesting authorization to discharge:

Latitude: 41 53 00 Longitude: 88 19 00
DEG. MIN. SEC. DEG. MIN. SEC.

8. Name(s) of known receiving waters: *Attach additional sheets (Attachment 1) as necessary:*

- | | |
|---------------------|---|
| 1. <u>Fox River</u> | 2. <u>Tributary 1 to Blackberry Creek</u> |
| 3. _____ | 4. _____ |
| 5. _____ | 6. _____ |
| 7. _____ | 8. _____ |
| 9. _____ | 10. _____ |

1. Persons Responsible for Implementation/Coordination of Storm Water Management Program:

<u>Name</u>	<u>Title</u>	<u>Telephone No.</u>	<u>Area of Responsibility</u>
<u>Mike Glock</u>	<u>Super</u>	<u>630-606-3157</u>	<u>Public Work Superintendent</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Information required by this form must be provided to comply with 415 ILCS 5/39 (2000). Failure to do so may prevent this form from being processed and could result in your application being denied.

Part II. Best Management Practices (include shared responsibilities) Proposed to be Implemented in the MS4 Area

(Details of BMP implementation for each checked BMP number, e.g., A.1, E.2, is required in Part IV of this NOI.)

A. Public Education and Outreach

- A.1 Distributed Paper Material
- A.2 Speaking Engagement
- A.3 Public Service Announcement
- A.4 Community Event
- A.5 Classroom Education Material
- A.6 Other Public Education

B. Public Participation/Involvement

- B.1 Public Panel
- B.2 Educational Volunteer
- B.3 Stakeholder Meeting
- B.4 Public Hearing
- B.5 Volunteer Monitoring
- B.6 Program Coordination
- B.7 Other Public Involvement

C. Illicit Discharge Detection and Elimination

- C.1 Storm Sewer Map Preparation
- 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
- C.7 Visual Dry Weather Screening
- C.8 Pollutant Field Testing
- C.9 Public Notification
- C.10 Other Illicit Discharge Controls

D. Construction Site Runoff Control

- D.1 Regulatory Control Program
- D.2 Erosion and Sediment Control BMPs
- D.3 Other Waste Control Program
- D.4 Site Plan Review Procedures
- D.5 Public Information Handling Procedures
- D.6 Site Inspection/Enforcement Procedures
- D.7 Other Construction Site Runoff Controls

E. Post-Construction Runoff Control

- E.1 Community Control Strategy
- E.2 Regulatory Control Program
- E.3 Long Term O&M Procedures
- E.4 Pre-Const Review of BMP Designs
- E.5 Site Inspections During Construction
- E.6 Post-Construction Inspections
- E.7 Other Post-Const Runoff Controls

F. Pollution Prevention/Good Housekeeping

- F.1 Employee Training Program
- F.2 Inspection and Maintenance Program
- F.3 Muni Operations Storm Water Control
- F.4 Municipal Operations Waste Disposal
- F.5 Flood Management/Assess Guidelines
- F.6 Other Municipal Operations Controls

Part III. Qualifying Local Programs

Attach additional sheets (Attachment 2) as necessary:

(Describe any qualifying local programs that you will implement in lieu of new permitting requirements.)

1. Public Education and Outreach:

The Village of North Aurora will utilize the proposed public education and outreach programs that will be administered by the Kane County Department of Environmental Management as part of Kane County's NPDES Phase II NOI. In addition to those County programs, the following existing and proposed Village of North Aurora program addresses part of this control measure:

BMP A1 – Distributed Paper Material

- a. The Village of North Aurora will promote water conservation and education for storm water quality to the public through annual information published in the Village newsletter and
- b. Distribute pamphlets from Kane County and the Kane DuPage Soil and Water Conservation District to home owners and home owner's associations.

BMP A.2 – Speaking Engagement

The Kane-DuPage Soil and water conservation district and/or Kane County will be invited to present information on soil and sedimentation control at public meetings.

BMP A.3 – Public Service Announcement

A public service announcement will be developed and made on the Village's cable channel 17.

BMP A.4 – Community Event

Educational pamphlets/brochures will be available at the annual North Aurora Days festival

BMP A.5 – Classroom Education Material

Pamphlets will be distributed to local schools for their use.

2. Public Participation/Involvement:

The Village of North Aurora will utilize the existing and proposed public involvement and participation programs that will be administered by the Kane County Department of Environmental Management as part of Kane County's NPDES Phase II NOI. In addition to those County programs, the following existing Village of North Aurora program addresses part of this control measure:

BMP B.4 -Public Hearing

The Village of North Aurora holds monthly public meetings of the Village Board, Planning Commission, and Committee of the Whole. The public can speak during the Public Comments portion at any of these public meetings. A Public Hearing will be scheduled during a Village Board Meeting. (and notice of this Public Hearing will be published and posted) Citizens can attend the Public hearing and will have an opportunity to address the Board on issues relating to stormwater management and pollution prevention. Village Staff is also present to answer questions regarding specific programs / procedures of the Village and

provide guidance to the Village Board which makes the final decision on policies and programs administered by the Village.

3. Illicit Discharge Detection and Elimination:

BMP C.1 -Storm Water Map Preparation

The Village of North Aurora proposes to continue to maintain and update as necessary our computerized storm water mapping system. This map includes all storm sewer mains within the Village of North Aurora and identifies catch basin locations, discharge points to receiving waters (Fox River and tributary streams) and sewer size and locations.

BMP C.2 -Legal Authority and Enforcement Procedures

The Village of North Aurora, Municipal Code, Chapter 25, Division 3, Section 25-65(d) states “it shall be unlawful to discharge without NPDES permit to any natural outlet within the Village of North Aurora”. When an illicit discharge is detected, the North Aurora Fire Department is notified. They have jurisdiction to enforce “spiller pays” provisions that require the discharger to pay for all costs associated with cleanup activities. The Public Works Department works cooperatively with the Fire Department to assist with those cleanup activities.

BMP C.3 -Detection/Elimination Prioritization Plan

- a. Inspection of Industrial/business connections: The Village of North Aurora proposes to inspect all industrial and non-retail commercial facilities at a minimum of once per 5-years. The intent of this inspection is to observe chemical storage practices and manufacturing activities to ensure accidental spills are contained, reported as necessary and prevented.
- b. Sanitary Sewer Overflows: The Village of North Aurora currently maintains a sanitary sewer collection system that is completely segregated from the storm sewer collection system (MS4). As such, there are no existing sanitary sewer overflows (SSO’s) in the system. In order to ensure that condition continues to exist, the Village of North Aurora intends to do the following:
 - 1) Continue to visually inspect 5-10% of our sanitary sewers each year.
 - 2) Continue to perform Sanitary Sewer Evaluation Survey (SSES) and implement recommended actions to reduce storm water infiltration and inflow (I&I). This ten-year program is segregated into sub areas that are investigated. SSES may include flow monitoring, physical inspection of buildings and sewers, smoke testing, dye water flooding, closed circuit television inspection.
- c. Vehicle Washing. The Village of North Aurora will require non-profit organizations and groups who participate in charity car washes to utilize biodegradable soaps. The Village currently requires these organizations to receive permission to hold these events and in order to maximize compliance. The Village will provide the biodegradable soap at no charge to the organizations for each car wash event. .

4. Construction Site Runoff Control:

BMP D.1 -Regulatory Control Program

The Village of North Aurora has adopted ordinance 2001-73, an ordinance amending Appendix E, “Stormwater Management Regulations” of the North Aurora Municipal Code. This ordinance incorporates by reference all of the provisions of the Kane County Stormwater Management Ordinance which was adopted by the Kane County Board on October 9, 2001, and is enforced within the municipal limits by the Village of North Aurora government.

BMP D.2 -Erosion and Sediment Control Program

The Village has an agreement with the Kane DuPage Soil and Water Conservation District. Any development disturbing 2 or more acres is reviewed by the agency for compliance with the Illinois Urban Manual prior to approval. The site is inspected for erosion and sedimentation control by the District.

BMP D.3 -Other Waste Control Programs

In addition to these, Ordinance 2001-73 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.

BMP D.4 -Site Plan Review Procedures

Village Staff (Building and Zoning) and Village Engineer is responsible for site plan review.

5. Post-Construction Runoff Control:

BMP E.2 -Regulatory Control Program

The Village of North Aurora has adopted ordinance 2001-73, an ordinance amending Appendix E, "Stormwater Management Regulations" of the North Aurora Municipal Code. This ordinance incorporates by reference all of the provisions of the Kane County Stormwater Management Ordinance which was adopted by the Kane County Board on October 9, 2001. The ordinance is enforced within the municipal limits by the Village of North Aurora government. It is the Villages' understanding that the implementation of this ordinance will satisfy the provision of this section of our Notice of Intent.

BMP E.7 -Other Post-Construction Runoff Controls

The Village of North Aurora will continue to provide a storm water runoff trash management program that includes a monthly inspection of storm water detention / retention facilities, box culverts and bridges to identify and remove debris that can lead to storm sewer blockages and aesthetic nuisances downstream.

6. Pollution Prevention/Good Housekeeping:

BMP F.1 -Employee Training Program

The Village of North Aurora will conduct annual, half day long, pollution prevention seminars/training sessions for employees of the Public Works Department to give them formal instruction on the proper handling and disposal of wastes to prevent them from entering the storm sewer system along with general instruction on the NPDES requirements. A manual which outlines practices and procedures for good housekeeping will be developed if funding is available.

BMP F.2 -Inspection and Maintenance Program

a. Vehicle Maintenance and Washing

All Village of North Aurora vehicles and equipment are inspected every one to three months or 3,000 miles for preventative maintenance. Used motor oils, fluids, batteries, tires, etc., are all recycled through approved recycling programs. The aboveground waste oil tank is inspected regularly as required by the State Fire Marshall. The Village of North Aurora, water conservation ordinance currently prohibits leaving hoses unattended without a nozzle with a positive shut off. This minimizes the possibility of chlorinated potable water from entering the storm sewer system or a receiving stream. The Village of North Aurora, Public Works Department has constructed a vehicle wash station within the Public Works Facility.

This station

collects all wastewater and discharges it through an approved triple-trap system, where it ultimately is discharged to the sanitary sewer system. The Police Department washes all of their vehicles through a public car wash that recycles and filters the water used. Wastewater from these facilities is discharged to the sanitary sewer system. Fire Department vehicles are washed inside and runoff is discharged through an approved triple trap system at Fire Station 2. Vehicles at Fire Station 1 are encouraged to use biodegradable soap and installation of a triple basin has been recommended. No vehicles are permitted to be washed at the Fire Training Facility south of IL Route 56, ¼ mile east of IL Route 25.

b. Parking Lot and Street Cleaning

In order to minimize pollutant export from parking lots and streets, it is the Village of North Aurora's intent to continue to perform street and parking lot sweeping operations within the downtown area twice per year.

c. Storm Drain System Cleaning

The Village currently maintains all catch basins. If funding is available, the Village plans to clean all storm drains at least once every 10 years and those on arterial roadways at least once every three years.

d. Road Salt Application and Storage

The Village of North Aurora intends to plow first, and then salt as needed. Salt inventory is stored in a covered facility with an impervious surface.

e. Spill Response and Prevention

The Village will provide the North Aurora Fire Department with updated map books when available containing specific information regarding the storm sewer collection system to assist the emergency responders with spill mitigation.

Part IV. Measurable Goals (include shared responsibilities) Proposed to be Implemented by the MS4

Attach additional sheets (Attachment 3) as necessary

(BMP No. should match that checked in Part II of this NOI. The applicant may repeat the same BMP No. where more than one BMP of similar type is to be implemented. Where necessary, attach additional sheets to provide more detail on each specific BMP.)

BMP No. A.1

Brief Description of BMP:

Distributed Paper Material

Milestones:

Year 1: Distribute informational pamphlets twice per year.

Year 2: Continue to distribute informational pamphlets twice per year.

Year 3: Continue to distribute informational pamphlets twice per year.

Year 4: Continue to distribute informational pamphlets twice per year.

Year 5: Continue to distribute informational pamphlets twice per year.

BMP No. A.2

Brief Description of BMP:

Speaking Engagement

Milestones:

- Year 1:** Invite and have the KDSWCD, County or professional organization present material at public meetings at least one or more times per year.
 - Year 2:** Invite and have the KDSWCD, County or professional organization present material at public meetings at least one or more times per year.
 - Year 3:** Invite and have the KDSWCD, County or professional organization present material at public meetings at least one or more times per year.
 - Year 4:** Invite and have the KDSWCD, County or professional organization present material at public meetings at least one or more times per year.
 - Year 5:** Invite and have the KDSWCD, County or professional organization present material at public meetings at least one or more times per year.
-

BMP No. A.3

**Brief Description of BMP:
Public Service Announcement**

Milestones:

- Year 1:** create and televise a public service announcement once per year.
 - Year 2:** create and televise a public service announcement once per year.
 - Year 3:** create and televise a public service announcement once per year.
 - Year 4:** create and televise a public service announcement once per year.
 - Year 5:** create and televise a public service announcement once per year.
-

BMP No. A.4

**Brief Description of BMP:
Community Event**

Milestones:

- Year 1:** Pass out flyers and promote education of storm pollution at the North Aurora Days Event.
 - Year 2:** Continue to Pass out flyers and promote education of storm pollution at the North Aurora Days Event.
 - Year 3:** Continue to Pass out flyers and promote education of storm pollution at the North Aurora Days Event.
 - Year 4:** Continue to Pass out flyers and promote education of storm pollution at the North Aurora Days Event.
 - Year 5:** Continue to Pass out flyers and promote education of storm pollution at the North Aurora Days Event.
-

BMP No. A.5

**Brief Description of BMP:
Classroom education Material**

Milestones:

- Year 1:** Pass out flyers and promote education of storm pollution at local schools
- Year 2:** Continue to Pass out flyers and promote education of storm pollution at local schools.
- Year 3:** Continue to Pass out flyers and promote education of storm pollution at local schools.

Year 4: Continue to Pass out flyers and promote education of storm pollution at local schools.
Year 5: Continue to Pass out flyers and promote education of storm pollution at local schools.

Bmp No. B.4

**Brief Description of BMP:
Public Hearing**

Milestones:

- Year 1:** Conduct a Storm Water Public Hearing 1 time per year.
 - Year 2:** Continue to Conduct a Storm Water Public Hearing 1 time per year.
 - Year 3:** Continue to Conduct a Storm Water Public Hearing 1 time per year.
 - Year 4:** Continue to Conduct a Storm Water Public Hearing 1 time per year.
 - Year 5:** Continue to Conduct a Storm Water Public Hearing 1 time per year.
-

BMP No. C.1

**Brief Description of BMP:
Storm Water Map Preparation**

The Village of North Aurora will complete and update the Storm Sewer Mapping of the Village to include recently constructed subdivisions if funds are available.

Milestones:

- Year 1:** Update storm sewer mapping if funds are available.
 - Year 2:** Update storm sewer mapping if funds are available.
 - Year 3:** Update storm sewer mapping if funds are available.
 - Year 4:** Update storm sewer mapping if funds are available.
 - Year 5:** Update storm sewer mapping if funds are available.
-

BMP No. C.2

**Brief Description of BMP:
Legal Authority and Enforcement Procedures**

Milestones:

- Year 1:** keep a running record of illicit discharge violations, their cause and remedy.
 - Year 2:** keep a running record of illicit discharge violations, their cause and remedy.
 - Year 3:** keep a running record of illicit discharge violations, their cause and remedy.
 - Year 4:** keep a running record of illicit discharge violations, their cause and remedy.
 - Year 5:** keep a running record of illicit discharge violations, their cause and remedy.
-

BMP No. C.3

**Brief Description of BMP:
Detection/Elimination Prioritization Plan**

Milestones:

- Year 1:** log inspections of commercial/industrial sites and sanitary sewers inspections and make biodegradable soap a requirement for charity car washes.

- Year 2:** log inspections of commercial/industrial sites and sanitary sewers inspections and make biodegradable soap a requirement for charity car washes.
 - Year 3:** log inspections of commercial/industrial sites and sanitary sewers inspections and make biodegradable soap a requirement for charity car washes.
 - Year 4:** log inspections of commercial/industrial sites and sanitary sewers inspections and make biodegradable soap a requirement for charity car washes.
 - Year 5:** log inspections of commercial/industrial sites and sanitary sewers inspections and make biodegradable soap a requirement for charity car washes.
-

BMP No. D.1

**Brief Description of BMP:
Regulatory Control Program**

Milestones:

- Year 1:** Continue to enforce the Kane County Stormwater Ordinance
 - Year 2:** Continue to enforce the Kane County Stormwater Ordinance.
 - Year 3:** Continue to enforce the Kane County Stormwater Ordinance.
 - Year 4:** Continue to enforce the Kane County Stormwater Ordinance.
 - Year 5:** Continue to enforce the Kane County Stormwater Ordinance.
-

BMP No. D.2

**Brief Description of BMP:
Erosion and Sediment Control Program**

Milestones:

- Year 1:** Continue to contract with the KDSWCD for soil and sedimentation plan review and inspection.
 - Year 2:** Continue to contract with the KDSWCD for soil and sedimentation plan review and inspection.
 - Year 3:** Continue to contract with the KDSWCD for soil and sedimentation plan review and inspection.
 - Year 4:** Continue to contract with the KDSWCD for soil and sedimentation plan review and inspection.
 - Year 5:** Continue to contract with the KDSWCD for soil and sedimentation plan review and inspection.
-

BMP No. D.3

**Brief Description of BMP:
Other Waste Control Programs**

Milestones:

- Year 1:** log incidences of violations to Ordinance 2001-73.
 - Year 2:** log incidences of violations to Ordinance 2001-73.
 - Year 3:** log incidences of violations to Ordinance 2001-73.
 - Year 4:** log incidences of violations to Ordinance 2001-73.
 - Year 5:** log incidences of violations to Ordinance 2001-73.
-

BMP No. D.4

**Brief Description of BMP:
Site Plan Review Procedures**

Milestones:

- Year 1:** Continue to review plans for conformance to the Kane County Ordinance and local ordinances.
 - Year 2:** Continue to review plans for conformance to the Kane County Ordinance and local ordinances.
 - Year 3:** Continue to review plans for conformance to the Kane County Ordinance and local ordinances.
 - Year 4:** Continue to review plans for conformance to the Kane County Ordinance and local ordinances.
 - Year 5:** Continue to review plans for conformance to the Kane County Ordinance and local ordinances.
-

BMP No. E.2

**Brief Description of BMP:
Regulatory Control Program**

Milestones:

- Year 1:** Update and adopt revisions to the Kane County Stormwater Ordinance as required.
 - Year 2:** Update and adopt revisions to the Kane County Stormwater Ordinance as required.
 - Year 3:** Update and adopt revisions to the Kane County Stormwater Ordinance as required.
 - Year 4:** Update and adopt revisions to the Kane County Stormwater Ordinance as required.
 - Year 5:** Update and adopt revisions to the Kane County Stormwater Ordinance as required.
-

BMP No. E.7

**Brief Description of BMP:
Other Post-Construction Runoff Controls**

Milestones:

- Year 1:** Inspect storm detention basins and visible storm features for trash and clean-up as required.
 - Year 2:** Inspect storm detention basins and visible storm features for trash and clean-up as required.
 - Year 3:** Inspect storm detention basins and visible storm features for trash and clean-up as required.
 - Year 4:** Inspect storm detention basins and visible storm features for trash and clean-up as required.
 - Year 5:** Inspect storm detention basins and visible storm features for trash and clean-up as required.
-

BMP No. F.1

**Brief Description of BMP:
Employee Training Program**

Milestones:

- Year 1:** Provide ½ day long instruction on NPDES requirements and compliance for public works employees. Begin the creation of an employee pollution prevention manual if funding is available.
- Year 2:** Continue to provide ½ day long instruction on NPDES requirements and compliance for public works employees. Continue the creation of an employee pollution prevention manual if funding is available.
- Year 3:** Continue to provide ½ day long instruction on NPDES requirements and compliance for public works employees. Continue the creation of an employee pollution prevention manual if funding is available.
- Year 4:** Continue to provide ½ day long instruction on NPDES requirements and compliance for public works employees. Continue the creation of an employee pollution prevention manual if funding is available.
- Year 5:** Continue to provide ½ day long instruction on NPDES requirements and compliance for public works employees. Continue the creation of an employee pollution prevention manual if funding is available.
-

BMP No. F.2

Brief Description of BMP:

Inspection and Maintenance Program

Milestones:

- Year 1:** Clean at least 25% of catch basins in high traffic areas and arterial snow routes, 8000 feet of storm sewer & downtown streets if funding is available.
- Year 2:** Clean at least 25% of catch basins in high traffic areas and arterial snow routes, 8000 feet of storm sewer & downtown streets if funding is available.
- Year 3:** Clean at least 25% of catch basins in high traffic areas and arterial snow routes, 8000 feet of storm sewer & downtown streets if funding is available.
- Year 4:** Clean at least 25% of catch basins in high traffic areas and arterial snow routes, 8000 feet of storm sewer & downtown streets if funding is available.
- Year 5:** Clean at least 25% of catch basins in high traffic areas and arterial snow routes, 8000 feet of storm sewer & downtown streets if funding is available.
-

Part V. Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for knowingly submitting false information, including the possibility of fine and imprisonment.

Authorized Representative Name and Title

Signature

Date

Mike Glock

Mail completed form to:

**ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF WATER POLLUTION CONTROL
ATTN: PERMIT SECTION
POST OFFICE BOX 19276
SPRINGFIELD, ILLINOIS 62794-9276**

