

**VILLAGE OF NORTH AURORA
2008 ANNUAL I.E.P.A. FACILITY INSPECTION REPORT**

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

*Note: Please accept this late filing of the 2008 Annual I.E.P.A. Facility Inspection Report – this report is being filed late due to staffing changes within the Village of North Aurora.

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

The Six (6) Control Measures outlined in the Village of North Aurora’s “Notice of Intent” are presented in this report as follows:

1. Public Education and Outreach

- a. The Village of North Aurora has published an announcement in the Village’s newsletter twice a year. This is a change from the intent to publish quarterly, as the Village’s newsletter is published only 6 times a year, rather than monthly, which only allows space allotment for the NPDES announcement twice a year.
- b. The Village of North Aurora has provided information to the public in the form of pamphlets received from both Kane County and the Kane DuPage Soil Conservation Foundation regarding the impact of storm water discharges and what can be done to prevent storm water pollution.
- c. The Village of North Aurora will engage the services of a representative from the Kane DuPage Soil Conservation Foundation to provide an opportunity to speak at a public meeting to promote pollution prevention. This has not been done in 2008 due to staff turnover; and it will be a goal that the Village will fulfill for 2009.
- d. Public Service Announcements: a public service announcement will be made in the form of an announcement on the Village’s cable channel 17. This has not been accomplished for 2008 due to staff turnover, however, it will be a goal that the Village will fulfill for 2009
- e. The Village of North Aurora has distributed educational materials, received from Kane County and the Kane DuPage Soil Conservation Foundation, to the local schools and public library.

2. **Public Involvement and Participation**

- a. Public will be allowed to attend Storm water Committee meetings 2 weeks after the quarterly newsletter distribution: Due to staff changes in May 2008, the Storm Water Committee meetings were not held on a regularly scheduled basis. A meeting was held on December 22, 2008 with the committee to bring the Village's reporting up-to-date. Future Storm Water Committee meetings will be scheduled per Village Staff schedules and may not necessarily conform to the distribution of the information in bi-annual newsletters.
- b. The Village of North Aurora will attempt to create an advisory panel to assist the Village with public participation: An attempt was made to create an advisory panel at the Village Board level; however, there were no volunteers to sit on an advisory panel due to prior commitments at the time.
- c. Solicit volunteers to help with public participation and the sharing of information: The Village of North Aurora worked with the Lion's Club and the Leo's kids club to schedule a clean-up day to remove trash and debris from along the riverbank
- d. Plan a meeting with all individuals that have an interest in preventing storm water pollution and outline how to address public involvement: see e. below
- e. Conduct an annual public hearing: This has not been done in 2008, due to staff turnover, however the Village of North Aurora will schedule a public hearing at a board meeting in the Spring of 2009, at which meeting any individuals expressing an interest will be addressed on public involvement in preventing storm water pollution (combine with d. above)
- f. Assist volunteers and monitor their efforts with prevention of illegally discharge of storm water pollution: The Village of North Aurora worked with the Lion's Club and the Leo's kids club to on a clean-up day to remove trash and debris from along the riverbank. The volunteers were assisted and monitored by the Village of North Aurora Public Works Superintendent and Village Trustee.
- g. Develop a program to direct, manage and measure the success of the storm water program: The Village of North Aurora has developed a Storm Water Committee, comprised of the Village's Public Works Superintendent, staff, and Village Engineer, in order to manage the NPDES program and measure the success of the Village's Notice of Intent, as well as providing for the submittal of the annual reports to the Illinois Environmental Protection Agency as required.

3. Illicit Discharge Detection and Elimination

Existing programs

- a. Maintain an updated and complete detailed storm sewer map: The Village Engineer provides the Village of North Aurora with a storm sewer map on an annual basis which is updated when funding is available.
- b. Inspection of industrial / business connections: The Village does random check on sewer connections and discharge points at industrial locations / businesses on an annual basis.
- c. Sanitary Sewer Evaluation Survey Program (SSES): The Village checks for overflows and that there are no cross connections on a monthly basis. Violations are handled by issuing warnings with a deadline to fix the problem, and if deadlines are missed then violators face fines and/or court attendance.

Proposed programs

- d. Educational Outreach – flyer to general public: Educational outreach has been covered in 1. a. – f. as outlined above.
- e. Vehicle washing – biodegradable soap for car wash events: There have not been any community car wash events for the 2007-2008 reporting year. Village vehicles are washed using biodegradable and environmentally safe detergents.
- f. Develop a program to regulate and monitor the discharge of illicit storm water from construction, industrial, and business in the Village of North Aurora: The Village of North Aurora Public Works Department has a program in place that allows for the monitoring the discharge of illicit storm water from construction, industrial, and business in the Village of North Aurora.
- g. Develop a plan that prioritizes the detection and elimination of illicit storm water discharges: The detection and elimination of illicit storm water discharges are a high priority for the Public Works Department and Village Engineer and the plan includes reporting and following the NPDES guidelines
- h. Develop enforcement procedures to eliminate illicit storm water discharges: Enforcement procedures are in place and addressed by the Public Works Superintendent. If failure to comply is evident, the issue is turned over to the Code Enforcement Officer for follow-up and issuing fines if not complied with.

4. **Construction Site Runoff Program**

Existing Programs

- a. Adopted Kane County Storm water Ordinance.
- b. Retain Kane-DuPage Soil and Water Conservation Foundation services to provide all on-going construction site soil erosion inspections.

Proposed Programs

- c. Utilize existing runoff control program and develop additional runoff control program for construction projects: This is handled by the Kane County Storm Water Ordinance which is in place as noted above.
- d. Develop procedures to handle Best Management Practices for erosion and sediment during construction projects: Construction sites greater than or equal to 2 acres are reviewed by the Kane DuPage Soil and Water Conservation District (KDSWCD) for compliance with the Illinois Urban Manual. The KDSWCD has authority to inspect all sites for NPDES compliance.
- e. Develop site runoff control procedures with the Building and Zoning Department being responsible for the completion of site plan reviews: The Community Development Department (Building and Zoning) is responsible for site plan reviews along with the Village Engineer and in put from the Public Works Superintendent.
- f. The Village's Public Works Department and the Building and Zoning Department will ensure that information regarding site runoff control procedures will be passed out to the residents and general contractors in the Fox Valley area: This is discussed during pre-construction meetings.
- g. The Village's Public Works Department and the Building and Zoning Department will develop procedures to conduct site inspection and ensure enforcement

Note: 4. d., e., f., and g., above seem redundant in content and are all addressed by the Public Works Department and the Building and Zoning Department jointly addressing plan reviews and site runoff control procedures with all contractors during pre-construction meetings, as well as conducting site inspections and ensuring enforcement.

5. Post Construction Storm water Quality Management in New Development

Existing Programs

- h. Adopted Kane County Storm water Ordinance
- i. Maintain thorough and rigorous punch list close-out standards at conclusion of any private development including flushing of storm sewer silt, vector clean up of all catch basins, removal of all silt deposits, and restoration of any eroded or scoured surface: Public Works and Village Engineer maintain the punch list close out standards for all development as well as any road projects in the Village.
- j. All storm water management facilities will be owned by public agency (or homeowners association) with long term maintenance costs covered by Special Service Areas (SSA).
- k. Village Staff conducts site inspections of all construction/development projects on a regular basis to ensure all rules and requirements pertaining to runoff control measures are met.
- l. After project completion, the Village will continue to conduct post construction inspections to ensure the regulatory control program was successful and remains in operation.

6. Pollution Prevention and Good Housekeeping for Municipal Operations

Existing Programs

- a. Fleet and building maintenance: Maintenance is performed on a monthly basis by Village Staff.
- b. Village vehicle washing: Village vehicles are washed on a weekly basis using biodegradable, environmentally safe detergents.
- c. 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 keep storm sewers free of debris.
- d. Road salt application and storage: Salt is stored in two salt domes, and roads are salted using a minimal amount of salt, which is treated with an environmentally friendly liquid to help limit the amount of salt needed.
- e. Spill Response and prevention: this is maintained by the Public Works Department on an as needed basis

- f. Storm drain system cleaning – increase inlet cleaning frequency on main roads: The Public Works Department cleans 8,000 ft. of storm drain system annually.

Proposed Programs

- g. Implement an employee pollution prevention reference manual and employee training program: Employee Training will be scheduled for February 2009.
- h. Establish training programs that focus on pollution prevention and good housekeeping policy and procedures: this issue is the same as 6. g. above.
- i. Develop an in-house program that will inspect and maintain the municipal storm water program: This issue is redundant and basically is covered by the NPDES overall program.
- j. Develop specific operation for storm water control to ensure that all is in compliance with storm water control measures: This issue is redundant and basically is covered by the NPDES overall program.

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

A list of constructions sites for 2007-2008 reporting period were monitored as follows:

Results for Tanner Trails Subdivision: Builder declared bankruptcy and therefore did not comply with all requirements for storm water management. The Village of North Aurora resolved this issue by taking on responsibility to be sure that all issues were conformed with and resolved.

Results for Mirador Subdivision: Builder declared bankruptcy and therefore did not comply with requirements for storm water management. The Village of North Aurora resolved this issue by taking on responsibility to be sure that all issues were conformed with and resolved.

C. SUMMARY OF STORM WATER ACTIVITIES PLANNED FOR THE NEXT REPORTING CYCLE

The Village of North Aurora will engage the services of a representative from the Kane DuPage Soil Conservation Foundation to provide an opportunity to speak at a public meeting to promote pollution prevention.

Public Service Announcements will be in the form of announcements on the Village's cable channel 17.

Promote pollution prevention and education to the community during the annual North Aurora Days festival in the form of pamphlets and brochures

The Village of North Aurora will schedule a public hearing at a board meeting in the Spring of 2009, at which meeting any individuals expressing an interest will be addressed on public involvement in preventing storm water pollution; the Village will also engage a speaker from the Kane DuPage Soil and Conservation Foundation to speak on pollution prevention and education.

The Village will continue to provide random checks on sewer connections and discharge points at industrial locations / businesses on an annual basis, as well as continue to check for overflows and that there are no cross connections on a regular basis.

The Community Development Department will continue to review site plans along with the Village Engineer with input from the Public Works Superintendent.

The Village will continue to maintain thorough and rigorous punch list close-out standards at the conclusion of any private development including flushing of storm sewer silt, vector clean up of all catch basins, removal of all silt deposits, and restoration of any eroded or scoured surface.

The Public Works Department will continue to clean 8,000 ft. +/- of storm drain system annually if funding is available.

The Village will continue the bi-annual cleaning program of all parking lots and streets with all debris to be dumped at appropriate landfills in order to prevent pollution of the storm sewers.

D. CHANGES TO BEST MANAGEMENT PRACTICES

1. Public Education and Outreach

The Village of North Aurora will publish NPDES information bi-annually in the Village's newsletter instead of quarterly, as the Village only publishes 6 issues per year instead of monthly issues and

Public Service Announcements will be in the form of announcements on the Village's cable channel 17.

A copy of the Village's Notice of Intent will be posted on the website to provide a point of reference for residents and businesses.

2. Public Involvement and Participation

A Storm Water Public Hearing will be held in conjunction with a Village Board meeting and all individuals that have an interest in preventing storm water pollution or have stormwater concerns or comments can express them to the Village at this public hearing.

3. Illicit Discharge Detection and Elimination

- i. Educational Outreach – flyer to general public: Educational outreach has been covered in 1. a. – f. as outlined above. This Best Management Practice will be combined with No. 1 under **Public Education and Outreach**

4. Construction Site Runoff Program

- d. Develop procedures to handle Best Management Practices for erosion and sediment during construction projects: Procedures are outlined throughout this report
- e. Develop site runoff control procedures with the Building and Zoning Department being responsible for the completion of site plan reviews
- f. The Village’s Public Works Department and the Building and Zoning Department will ensure that information regarding site runoff control procedures will be passed out to the residents and general contractors in the Fox Valley area
- g. The Village’s Public Works Department and the Building and Zoning Department will develop procedures to conduct site inspection and ensure enforcement

Note: **4. d., e., f., and g.**, above seem redundant in content and are all addressed by the Public Works Department and the Building and Zoning Department jointly addressing plan reviews and site runoff control procedures with all contractors during pre-construction meetings, as well as conducting site inspections and ensuring enforcement. These four Best Management Practices need to be re-worded and combined to cover the development of procedures.

5. Post Construction Storm water Quality Management in New Development

There are no changes in the Best Management Practices for Control Measure No. 5

6 Pollution Prevention and Good Housekeeping for Municipal Operations

- g. Implement an employee pollution prevention reference manual and employee training program.

- h. Establish training programs that focus on pollution prevention and good housekeeping policy and procedures.

The two Best Management Practices listed above (g. and h.) are redundant and should be combined. The Village of North Aurora will be providing training in 2009, along with providing/implementing a reference manual of policy and procedures

- j. Develop specific operation for storm water control to ensure that all is in compliance with storm water control measures: This issue is redundant and basically is covered by the NPDES overall program.

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 assist in satisfying our permit obligations in that the Village of North Aurora 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 Foundation to provide the Village's on-going construction site soil erosion inspections.

F. CONSTRUCTION PROJECT LIST – THE FOLLOWING ROAD AND CONSTRUCTION PROJECTS WERE ACTIVE IN THE VILLAGE OF NORTH AURORA IN 2007-2008

Road Construction: Oak Street; Long Avenue; Spruce Street; Kingwood Drive; Clearwater Drive; 300 Block of Harmony Drive

Re-Construction of two (2) parking lots

Construction Projects:

Randall Highlands
North Aurora Towne Center
Orchard Commons
Deerparth Commerce Center
Randall Square

Subdivisions:

Riverwoods
Windstone
Oak Creek
Remington Landing