

The U.S. Environmental Protection Agency (EPA) has passed a set of regulations to improve water quality by reducing nonpoint source pollution carried in urban stormwater. The National Pollutant Discharge Elimination System (NPDES) Phase II regulations apply to municipalities and other official organizations within classified urban boundaries.

Many Kane County municipalities will be required to apply for NPDES Phase II permits by 2002. The EPA calls for permit applications to include plans addressing the six minimum pollution control measures listed below.

**1. Public education and outreach**

Develop educational programs to inform the public about the impacts of stormwater discharges on local water bodies.



**2. Public involvement**

Create opportunities for public participation in stormwater program development and implementation. Examples could include citizen representatives on stormwater boards, holding public hearings, and creating volunteer opportunities.

**3. Illicit discharge detection and elimination**

Design methods to examine stormwater systems for illicit connections and discharges. IEPA will require maps of stormwater sewer systems, ordinances prohibiting illicit discharges, a detection plan, and an educational component to inform the public of the hazards associated with illicit discharges.



**4. Construction site runoff control**

Develop programs to improve and manage runoff from construction sites of 1 acre or greater.



**5. Post-construction storm water management in new development and redevelopment**

Design strategies to improve and manage runoff from new developments. Specifically, permittees will create mechanisms to implement structural and vegetative Best Management Practices (BMPs), develop ordinances addressing post-construction runoff, address the maintenance of installed BMPs, and account for water quality in post-construction runoff.



**6. Pollution prevention and good housekeeping of municipal operations**

Permit holders will develop and implement a program, including training, with the goal of preventing or reducing stormwater from municipal operations.



General NPDES Phase II Notes

EPA will publish a model ordinance in October 2000 and guidelines for municipal goals in October 2001.

EPA will publish a menu of BMPs in October 2000.

EPA and the American Society of Civil Engineers (ASCE) are developing a database of BMP effectiveness to assist municipalities in deciding which ones are most appropriate for each site.

For more information on NPDES Phase II Permits, please visit the U.S.

EPA's NPDES Website:

[www.epa.gov/owm/npdes.htm](http://www.epa.gov/owm/npdes.htm)

Communities in Kane County Eligible for NPDES Phase II Regulation\*

- Algonquin
- Aurora
- Aurora Township
- Batavia
- Batavia Township
- Carpentersville
- Dundee Township
- East Dundee
- Elgin
- Elgin Township
- Geneva
- Geneva Township
- Gilberts
- Montgomery
- North Aurora
- Rutland Township
- Sleepy Hollow
- South Elgin
- St. Charles Township
- Sugar Grove Township
- West Dundee

\*according to urbanized area classification of 1990 Census. May change after 2000 census.