



# Illinois Environmental Protection Agency

Bureau of Water • 1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276

## Notice of Intent for New or Renewal of General Permit for Discharges from Small Municipal Separate Storm Sewer Systems - MS4's

### Part I. General Information

1. MS 4 Operator Name: City of Wheaton

2. MS4 Mailing Address: 303 W. Wesley Street, PO Box 727

City: Wheaton State: IL

3. Operator Type: City Other: \_\_\_\_\_

4. Operator Status: Local Other: \_\_\_\_\_

5. Name(s) of governmental entity(ies) in which MS4 is located:

City of Wheaton \_\_\_\_\_

6. Area of land that drains to your MS4 in square miles: 11.48

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

Latitude:

41  
Degrees

51  
Minutes:

58  
Seconds:

Longitude:

88  
Degrees:

06  
Minutes:

25  
Seconds:

8. Name(s) of known receiving waters

West Branch of the DuPage River Springbrook #1

West Branch of the DuPage River Winfield Creek

East Branch of the DuPage River Willoway Brook

## 9. Persons responsible for implementation or coordination of Stormwater Management Program:

Name: Paul G. Redman, PE Title: Director of Engineering Phone: 630-260-2069  
 Area of Responsibility: Overall Program

Name: Vincent Laoang Title: Director of Public Works Phone: 630-260-2113  
 Area of Responsibility: Pollution Prevention / Good Housekeeping

Name: Joseph E. Tebrugge Title: Stormwater Engineer Phone: 630-260-2868  
 Area of Responsibility: General Program Oversight

Name: \_\_\_\_\_ Title: \_\_\_\_\_ Phone: \_\_\_\_\_  
 Area of Responsibility: \_\_\_\_\_

## Part II. Best Management Practices (include shared responsibilities) which have been implemented or are proposed to be implemented in the MS4 area:

**A. Public Education and Outreach**

## Qualifying Local Programs:

The County of DuPage approved a countywide water quality education program in 2002 that has as the primary goals: to increase the awareness and appreciation of a watershed community that will result in a lasting change in behavior; show how the protection and enhancement of the quality, quantity, and availability of surface and groundwater resources will preserve and enhance the health of existing aquatic and riparian environments as well as the quality of life; and establish the necessary resources to support the development and distribution of educational materials throughout the County. The program targets the entire general public and breaks it down into 5 groups of target audiences with unique educational efforts being utilized for each audience. DuPage County has made partnerships with the organizations, municipalities and groups within DuPage County that have successful educational programs and uses resources to expand those programs to be made available to the entire County as well as investing in new educational efforts where there is a deficiency for water quality efforts. The educational efforts that are being utilized, expanded or created are: storm drain stenciling; River Sweep; Illinois Middle School Groundwater effort; teacher training; community outreach; Mighty Acorns; workshops for technical audiences that will discuss design, installation and maintenance of BMPs, good housekeeping techniques, sediment and erosion control, as well as local ordinance impacts on water quality; in addition to community newsletters the County of DuPage will develop and disseminate a Stormwater newsletter and fact sheets; media campaign; updating the County website to have all available water quality information; Streamside Landowner Assistance Workshop; informational brochures; and providing educational signage along bike trails and pilot projects involving water quality benefits.

## Measurable Goals (include shared responsibilities)

A.1 Distributed Paper Material

## Brief Description of BMP:

The City will provide informational material to the public as provided by DuPage County. The informational material will generally be in electronic form to be printed by the public. Residents without internet access can reach this information through publically available computers such as those at Wheaton City Hall or at the Public Library.

## Measurable Goals, including frequencies:

Have at least one stormwater pollution brochure available to residents for pickup at Wheaton City Hall or view/print on the City's website. All other public education materials provided by DuPage County will be accessible to residents through the DuPage County website which will be linked to from the City of Wheaton website.

## Milestones:

Go to Additional  
Pages

Year 1:

Provide access to one hard copy storm water pollution brochure. Also provide access to all other public education materials provided by DuPage County through the City's website.

Year 2:

Provide access to one hard copy storm water pollution brochure. Also provide access to all other public education materials provided by DuPage County through the City's website.

Year 3:

Provide access to one hard copy storm water pollution brochure. Also provide access to all other public education materials provided by DuPage County through the City's website.

Year 4:

Provide access to one hard copy storm water pollution brochure. Also provide access to all other public education materials provided by DuPage County through the City's website.

Year 5:

Provide access to one hard copy storm water pollution brochure. Also provide access to all other public education materials provided by DuPage County through the City's website.

- A.2 Speaking Engagement
- A.3 Public Service Announcement

Brief Description of BMP:

Continually disseminate information to the public about community events and public participate programs such as the Recycling Extravaganza, the Native Plant Sale, the Refuse and Recycling Program, the Prescription Medication Pickup Program (RxBox), the Illinois Prairie Path Clean Up, the Electronics Recycling Program, the Adopt a Highway program, the Creek Clean Up, the Holiday Light Collection program, and many other such activities run by the City of Wheaton's Environmental Improvement Commission through the City website and the City of Wheaton Channel 10 television broadcasts. Additionally the City of Wheaton's Environmental Improvement Commission meeting minutes are available online for the public to view.

Measurable Goals, including frequencies:

Continually disseminate information to the public about community events and public participate programs as they come up through the City website, emails, and the City of Wheaton Channel 10 television broadcasts. Environmentally oriented web pages will be tracked to ensure that the information is reaching the public.

Milestones:

Year 1:

Continue to provide information to public about environmental issues.

Year 2:

Continue to provide information to public about environmental issues.

Year 3:

Continue to provide information to public about environmental issues.

Year 4:

Continue to provide information to public about environmental issues.

Year 5:

Continue to provide information to public about environmental issues. Review success of reaching the public by tracking related website visits and revise accessibility as needed.

Go to Additional Pages

- A.4 Community Event

Brief Description of BMP:

The City of Wheaton's Environmental Improvement Commission holds two major community events per year; the Recycling

Extravaganza and the Native Plant Sale. These events engage the public on the topics of recycling and waste reduction and of 25 the benefits of native planting for the environment and stormwater related issues.

Measurable Goals, including frequencies:

The City will continue to support these events.

Milestones:

Year 1:

Continue support of these community events.

Year 2:

Continue support of these community events.

Year 3:

Continue support of these community events.

Year 4:

Continue support of these community events.

Year 5:

Continue support of these community events.

Go to Additional Pages

A.5 Classroom Education Material

A.6 Other Public Education

(You may need to go to the next page to fill in this information)

Brief Description of BMP:

A drainage review is a comprehensive evaluation of everything having to do with drainage and a private property performed by the City's stormwater engineer. While this program is generally intended to help the public increase flood protection, the information required to understand how this is done also increases public knowledge base of the hydrologic cycle, increases awareness of stormwater runoff during storms, increases knowledge of property owner's individual watershed, and where storm sewers drain.

Measurable Goals, including frequencies:

Provide Drainage Reviews to the public as they are requested.

Milestones:

Year 1:

Provide a Drainage Review to 100% of residents upon request.

Year 2:

Provide a Drainage Review to 100% of residents upon request.

Year 3:

Provide a Drainage Review to 100% of residents upon request.

Year 4:

Provide a Drainage Review to 100% of residents upon request.

Year 5:

Provide a Drainage Review to 100% of residents upon request.

Go to Additional  
Pages

## B. Public Participation/Involvement

Measurable Goals (include shared responsibilities)

Qualifying Local Programs:

As part of the DuPage County Water Quality Education program, the County of DuPage along with The Conservation Foundation, The Salt Creek Watershed Network, The Morton Arboretum, The Illinois Department of Natural Resources (IDNR), and Chicago Wilderness are forming an adult volunteer monitoring group to monitor randomly selected sites throughout DuPage County.

Brief Description of BMP:

Wheaton funds and supports the Environmental Improvement Commission which advises the City Council on environment-related subject matters and coordinates a variety of events each year

Measurable Goals, including frequencies:

Wheaton will continue to support the City of Wheaton's Environmental Improvement Commission.

Milestones:

Year 1:

Continue support of the City of Wheaton's Environmental Improvement Commission.

Year 2:

Continue support of the City of Wheaton's Environmental Improvement Commission.

Year 3:

Continue support of the City of Wheaton's Environmental Improvement Commission.

Year 4:

Continue support of the City of Wheaton's Environmental Improvement Commission.

Year 5:

Continue support of the City of Wheaton's Environmental Improvement Commission.

Go to Additional  
Pages

B.2 Educational Volunteer

B.3 Stakeholder Meeting

(You may need to go to the next page to fill in this information)

Brief Description of BMP:

The municipal engineers of DuPage County along with the County of DuPage host a regularly scheduled, monthly, meeting that is open to the public in which the countywide Ordinance, water quality, best management practices, permit process, etc are discussed. In addition to the municipal engineers group, in July of 2000 a water quality stakeholder group comprised of non-profit agencies, citizens, consultants, builders, municipal engineers, state officials and county employees from DEC, Transportation and Health departments was formed. The DRSCW (DuPage River Salt Creek Workgroup) formed in 2005 in response to concerns about TMDLs (Total Maximum Daily Loads) being set for the East & West Branches of the DuPage River and Salt Creek. The DRSCW is made up of local communities, Publically Owned Treatment Works and private environmental organizations. The DRSCW is committed to producing comprehensive data sets for local watersheds in order to determine and resolve priority stressors to local aquatic systems. The organization seeks to implement targeted watershed activities that resolve priority water way problems efficiently and cost effectively

Measurable Goals, including frequencies:

Wheaton will participate in the Water Quality Stakeholders Group, the Municipal Engineers Group, and the DuPage River/Salt Creek Work Group.

Milestones:

Year 1:

Continue participation in the above groups.

Year 2:

Continue participation in the above groups.

Year 3:

Continue participation in the above groups.

Year 4:

Continue participation in the above groups.

Year 5:

Continue participation in the above groups.

Go to Additional  
Pages

- B.4 Public Hearing
- B.5 Volunteer Monitoring
- B.6. Program Involvement

(You may need to go to the next page to fill in this information)

Brief Description of BMP:

The City of Wheaton's Environmental Improvement Commission currently coordinates the following programs: the Recycling Extravaganza, the Native Plant Sale, the Prescription Medication Pickup Program (RxBox), the Illinois Prairie Path Clean Up, [+](#)

Measurable Goals, including frequencies:

Continue to support the City of Wheaton's Environmental Improvement Commission and its programs.

Milestones:

Year 1:

Continue to support the City of Wheaton's Environmental Improvement Commission and its programs

Year 2:

Continue to support the City of Wheaton's Environmental Improvement Commission and its programs

Year 3:

Continue to support the City of Wheaton's Environmental Improvement Commission and its programs

Year 4:

Continue to support the City of Wheaton's Environmental Improvement Commission and its programs

Year 5:

Continue to support the City of Wheaton's Environmental Improvement Commission and its programs

Go to Additional  
Pages

- B.7 Other Public Involvement

(You may need to go to the next page to fill in this information)

Brief Description of BMP:

The City of Wheaton requires its refuse provider to have a curbside recycling program to help keep recyclable material out of the environment.

Measurable Goals, including frequencies:

Continue to require curbside recycling from our refuse provider.

Milestones:

Continue to support the curbside recycling program

Year 2:

Continue to support the curbside recycling program

Year 3:

Continue to support the curbside recycling program

Year 4:

Continue to support the curbside recycling program

Year 5:

Continue to support the curbside recycling program

Go to Additional  
Pages

### C. Illicit Discharge Detection and Elimination

#### Qualifying Local Programs:

With DuPage County as the lead agency, representatives from municipalities will participate in a working group made up of the municipal engineers, DuPage County Mayors and Managers Conference and water quality stakeholder committee to evaluate the possible procedures and methods for illicit discharge detection and elimination for possible inclusion into ordinances. This will serve as a regulatory control program that will address: storm sewer mapping; illicit discharge tracing procedures; illicit source removal procedures; program evaluation and assessment; a prioritization plan for detection and elimination; and exploration into methods for testing to confirm or trace possible illicit connections. In addition to above, there will be inclusion of illicit discharge information made available through the education program targeting industry and homeowners.

#### Measurable Goals (include shared responsibilities)

C.1 Sewer Map Preparation

(You may need to go to the next page to fill in this information)

#### Brief Description of BMP:

Update the storm sewer atlas as new pipe is installed and as existing discrepancies are located.

#### Measurable Goals, including frequencies:

Update storm sewer atlas at least once every five years.

#### Milestones:

##### Year 1:

Update Storm Sewer Atlas at least once

##### Year 2:

Update Storm Sewer Atlas at least once

##### Year 3:

Update Storm Sewer Atlas at least once

##### Year 4:

Update Storm Sewer Atlas at least once

##### Year 5:

Update Storm Sewer Atlas at least once

Go to Additional Pages

- 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

Measurable Goals (include shared responsibilities)

Qualifying Local Programs:

The DuPage County Countywide Stormwater and Flood Plain Ordinance (Appendix F) was adopted in 1991 and became effective in February of 1992 as part of the DuPage County Stormwater Management Plan that affects all development within the County of DuPage. This is the fundamental regulatory program that requires all development within the County of DuPage to not "Unreasonably or unnecessarily degrade surface or ground water quality." Within Appendix F are provisions for: erosion and sediment control best management practices; site plan review procedures; public information handling; and site inspection/enforcement procedures. Appendix F also has specific requirements for stormwater and flood plain management as well as comprehensive requirements for special management areas (regulatory flood plains, wetlands, and riparian environments). The core of this regulatory program revolves around Stormwater Management Permits, which requires any person proposing a development to obtain such a permit, that includes all the requirements stated above, prior to development. Wheaton had adopted in 1991 DuPage County's Countywide Stormwater and Flood Plain Ordinance and continues to adopt amendments to stay in compliance with the County's authorization of Wheaton to enforce stormwater control within the municipality. Wheaton has partial waiver status to enforce the Countywide Ordinance and maintains an engineering staff to perform its duties under the Countywide Ordinance.

D.1 Regulatory Control Program

(You may need to go to the next page to fill in this information)

Brief Description of BMP:

Wheaton has adopted the 1991 DuPage County's Countywide Stormwater and Flood Plain Ordinance and continues to adopt amendments to stay in compliance with the County's authorization of Wheaton to enforce stormwater control within the municipality as a partial waiver status.

Measurable Goals, including frequencies:

: Continue to maintain good standing with the County in enforcement of the Countywide Stormwater and Flood Plain Ordinance

Milestones:

Year 1:

Continue to maintain good standing with the County in enforcement of the Countywide Stormwater and Flood Plain Ordinance

Year 2:

Continue to maintain good standing with the County in enforcement of the Countywide Stormwater and Flood Plain Ordinance

Year 3:

Continue to maintain good standing with the County in enforcement of the Countywide Stormwater and Flood Plain Ordinance

Year 4:

Continue to maintain good standing with the County in enforcement of the Countywide Stormwater and Flood Plain Ordinance

Year 5:

Continue to maintain good standing with the County in enforcement of the Countywide Stormwater and Flood Plain Ordinance

Go to Additional Pages

D.2 Erosion and Sediment Control BMPs (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Wheaton has adopted the 1991 DuPage County's Countywide Stormwater and Flood Plain Ordinance and continues to adopt amendments to stay in compliance with the County's authorization of Wheaton to enforce stormwater control within the municipality as a partial waiver status. Erosion and sediment control practices are described as part of that ordinance. Wheaton has additionally adopted by reference the Standards and Specifications of Soil Erosion and Sediment Control in Northern Illinois.

Measurable Goals, including frequencies:

Continue to require Erosion and Sediment Control BMPs for all construction sites that require permitting through the City

Milestones:

Year 1:

Year 2:

Continue to require Erosion and Sediment Control BMPs for all construction sites that require permitting through the City

Year 3:

Continue to require Erosion and Sediment Control BMPs for all construction sites that require permitting through the City

Year 4:

Continue to require Erosion and Sediment Control BMPs for all construction sites that require permitting through the City

Year 5:

Continue to require Erosion and Sediment Control BMPs for all construction sites that require permitting through the City

Go to Additional Pages

D.3 Other Waste Control Program

D.4 Site Plan Review Procedures

(You may need to go to the next page to fill in this information)

Brief Description of BMP:

Wheaton has adopted the 1991 DuPage County's Countywide Stormwater and Flood Plain Ordinance and continues to adopt amendments to stay in compliance with the County's authorization of Wheaton to enforce stormwater control within the municipality as a partial waiver status. Wheaton maintains an engineering staff to perform its duties under the Countywide Ordinance which includes Site Plan Review

Measurable Goals, including frequencies:

Continue to review site plans for erosion and sediment control BMPs for all construction sites that require permitting through the City

Milestones:

Year 1:

Continue to review site plans for erosion and sediment control BMPs for all construction sites that require permitting through the City

Year 2:

Continue to review site plans for erosion and sediment control BMPs for all construction sites that require permitting through the City

Year 3:

Continue to review site plans for erosion and sediment control BMPs for all construction sites that require permitting through the City

Year 4:

Continue to review site plans for erosion and sediment control BMPs for all construction sites that require permitting through the City

Year 5:

Continue to review site plans for erosion and sediment control BMPs for all construction sites that require permitting through the City

Go to Additional Pages

D.5 Public Information Handling Procedures (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Wheaton responds to all development questions and complaints from the public in order to ensure that concerned parties understand current stormwater and erosion control regulations. In the event that the public believes that a problem has been found with any construction site, City staff will investigate to determine if it is a valid claim and enforce applicable requirements when needed.

All public complaints received by the City immediately trigger a construction site inspection and enforcement if necessary.

Milestones:

Year 1:

Continue to respond to and engage all public complaints

Year 2:

Continue to respond to and engage all public complaints

Year 3:

Continue to respond to and engage all public complaints

Year 4:

Continue to respond to and engage all public complaints

Year 5:

Continue to respond to and engage all public complaints

Go to Additional  
Pages

D.6 Site Inspection/Enforcement Procedures (You may need to go to the next page to fill in this information)

Brief Description of BMP:

City of Wheaton personnel shall perform erosion control inspections which are to include where applicable: onsite review of the SWPPP and NOI, onsite inspection of the project's erosion control inspection log, and review of all erosion control methods in place at the site. Non-Complying sites will be notified to immediately bring their site into compliance. Enforcement of non-complying sites shall be initially in the form of a work stoppage and as per Section 1-8 of Wheaton City Code as needed.

Measurable Goals, including frequencies:

Review Site Inspection Procedures and Enforcement Procedures for effectiveness in ensuring proper erosion control at least once every five years.

Milestones:

Year 1:

Year 2:

Year 3:

Year 4:

Year 5:

Review Site Inspection Procedures and Enforcement Procedures for effectiveness in ensuring proper erosion control.

Go to Additional  
Pages

D.7 Other Construction Site Runoff Controls

## Qualifying Local Programs:

Appendix F was adopted in 1991 and became effective in February of 1992 as part of the DuPage County Stormwater Management Plan that affects all development within the County of DuPage. This is the fundamental regulatory program that requires all development within the County of DuPage to not "Unreasonably or unnecessarily degrade surface or ground water quality." Within Appendix F are provisions for: long term operation and maintenance procedures; pre-construction review of BMP designs (DuPage County Water Quality Best Management Practices Technical Guidance Document (BMP Manual) "Appendix E"); site inspections during construction; post-construction inspections. Appendix F also has specific requirements for stormwater and flood plain management as well as comprehensive requirements for special management areas (regulatory flood plains, wetlands, and riparian environments). The core of this regulatory control program revolves around Stormwater Management Permits, which requires any person proposing a development to meet site runoff storage requirements or detention requirements.

## Measurable Goals (include shared responsibilities)

- E.1 Community Control Strategy
- E.2 Regulatory Control Program

## Brief Description of BMP:

The City of Wheaton has adopted the 1991 DuPage County's Countywide Stormwater and Flood Plain Ordinance and continues to adopt amendments such as the DuPage County Water Quality Best Management Practices Technical Guidance Document (BMP Manual) "Appendix E" to stay in compliance with the County's authorization of Wheaton to enforce stormwater control within the municipality as a partial waiver status.

## Measurable Goals, including frequencies:

Continue to maintain good standing with the County in enforcement of the Countywide Stormwater and Flood Plain Ordinance

## Milestones:

## Year 1:

Continue to maintain good standing with the County in enforcement of the Countywide Stormwater and Flood Plain Ordinance

## Year 2:

Continue to maintain good standing with the County in enforcement of the Countywide Stormwater and Flood Plain Ordinance

## Year 3:

Continue to maintain good standing with the County in enforcement of the Countywide Stormwater and Flood Plain Ordinance

## Year 4:

Continue to maintain good standing with the County in enforcement of the Countywide Stormwater and Flood Plain Ordinance

## Year 5:

Continue to maintain good standing with the County in enforcement of the Countywide Stormwater and Flood Plain Ordinance

Go to Additional  
Pages

- E.3 Long Term O & M Procedures

(You may need to go to the next page to fill in this information)

Wheaton requires all post construction BMPs required as per Appendix E of the DuPage County Stormwater Ordinance to be placed in a permanent Plat of Easement Grant which has a permanent inspection and maintenance plan to ensure that the BMPs are maintained in perpetuity and manufacturer recommended maintenance specifications are included.

## Measurable Goals, including frequencies:

Continue to require long term inspection and maintenance.

## Milestones:

Year 1:

Continue to require long term inspection and maintenance.

Year 2:

Continue to require long term inspection and maintenance.

Year 3:

Continue to require long term inspection and maintenance.

Year 4:

Continue to require long term inspection and maintenance.

Year 5:

Continue to require long term inspection and maintenance.

Go to Additional  
Pages

E.4 Pre-Construction Review of BMP Designs (You may need to go to the next page to fill in this information)

## Brief Description of BMP:

Wheaton reviews all submitted projects for conformance with the DuPage County Water Quality Best Management Practices Technical Guidance Document (BMP Manual) "Appendix E"

## Measurable Goals, including frequencies:

Continue to maintain good standing with the County in enforcement of the Countywide Stormwater and Flood Plain Ordinance

## Milestones:

Year 1:

Continue to maintain good standing with the County in enforcement of the Countywide Stormwater and Flood Plain Ordinance

Year 2:

Continue to maintain good standing with the County in enforcement of the Countywide Stormwater and Flood Plain Ordinance

Year 3:

Continue to maintain good standing with the County in enforcement of the Countywide Stormwater and Flood Plain Ordinance

Year 4:

Continue to maintain good standing with the County in enforcement of the Countywide Stormwater and Flood Plain Ordinance

Year 5:

Continue to maintain good standing with the County in enforcement of the Countywide Stormwater and Flood Plain Ordinance

Go to Additional  
Pages

E.5 Site Inspections During Construction (You may need to go to the next page to fill in this information)

Wheaton will perform erosion control site inspections as per the site inspection procedures for all construction projects over one acre at least one time per year and as needed to ensure compliance with the project's SWPPP.

## Measurable Goals, including frequencies:

Perform site inspections for all construction projects over one acre at least once per year.

## Milestones:

Year 1:

Perform site inspections for all construction projects over one acre at least once per year.

Year 2:

Perform site inspections for all construction projects over one acre at least once per year.

Year 3:

Perform site inspections for all construction projects over one acre at least once per year.

Year 4:

Perform site inspections for all construction projects over one acre at least once per year.

Year 5:

Perform site inspections for all construction projects over one acre at least once per year.

Go to Additional Pages

E.6 Post-Construction Inspections

## Brief Description of BMP:

Wheaton will perform a post construction site inspection upon completion of the site improvements to ensure that the BMPs required by the DuPage County Water Quality Best Management Practices Technical Guidance Document (BMP Manual) "Appendix E" have been installed.

## Measurable Goals, including frequencies:

Wheaton will perform a post construction site inspection for all projects with required BMPs

## Milestones:

Year 1:

Perform a post construction site inspection for all projects with required BMPs

Year 2:

Perform a post construction site inspection for all projects with required BMPs

Year 3:

Perform a post construction site inspection for all projects with required BMPs

Year 4:

Perform a post construction site inspection for all projects with required BMPs

Year 5:

Perform a post construction site inspection for all projects with required BMPs

Go to Additional Pages

E.7 Other Post-Construction Runoff Controls

Measurable Goals (include shared responsibilities)

Qualifying Local Programs:

A working group made up of the County of DuPage, municipal engineers, DuPage County Mayors and Managers Conference, and water quality stakeholder committee will evaluate the most appropriate methods for training employees at County and municipal facilities in good housekeeping and pollution prevention procedures to prevent and reduce pollutant discharges into stormwater to the maximum extent practicable from maintenance and operation activities of open spaces, buildings, and stormwater systems.

Appendix F contains provisions for flood management and assessment guidelines.

The Stormwater Management Plan: Restricts future development in the flood plain to facilities that will not adversely affect flood damage potential or wetland environments. Within the floodway, development will be prohibited unless it involves facilities that enhance flood protection or pollution control; Requires preservation of wetlands to maintain their natural flood control and environmental benefits; Incorporates water quality and habitat protection measures in all stormwater management activities within DuPage County; and Requires regular, planned maintenance of stormwater management facilities. The Plan assesses and recommends specific corrective actions of localized flooding and water quality degradation through appendices called Watershed Plans. A particular watershed plan uses hydrologic and hydraulic models to recommend specific flood control projects as well as identify flood-damaged structures eligible for buyout so that the land can be restored to its natural state. Watershed plans also address water quality enhancements and wetland, wildlife, and environment protection.

The intent of Appendix F is to reduce current and future flood damages by requiring: no permitting of any development that would negatively impact the hydrology or hydraulics of either the flood plain or the floodway; any proposed structure to be at least one foot above the adjacent Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) Base Flood Elevation (BFE); any development or redevelopment to provide for stormwater detention depending on size and use as described in Appendix F; and no permitting of any development or redevelopment that will increase flood elevations by compensating at the volume of 1.5 to 1 to offset the loss of existing storage, increase flood velocities, or decrease flood conveyance capacity to upstream or downstream properties.

The DuPage County Stormwater Management Plan also assesses and recommends specific corrective actions of localized flooding and water quality degradation through Watershed Plans. Watershed plans also address water quality enhancements and wetland, wildlife, and environment protection. The County has utilized on-line reservoirs to temporarily hold floodwaters, which have proven successful in reducing downstream flood damages. The County owns and operates reservoirs and related structures to ease flooding during large precipitation events. Standard operating procedures for reservoirs address security concerns such as dumping or inappropriate use through lighting, fences, and limited access roads and trails. Water Quality Enhancements (Appendix J to the Stormwater Management Plan) encourages the creation of buffer zones surrounding stormwater basins to prevent contamination from off-site. The County is developing hydrologic and hydraulic models for all watersheds and tributary watersheds for the purpose of: analyses of impacts of proposed development or redevelopment in order to issue stormwater management permits; real-time analyses of flood stages for flood control operations; and updates to Federal Emergency Management Agency (FEMA) Flood Insurance Rate Maps (FIRM) to reflect current conditions.

 F.1 Employee Training Program

(You may need to go to the next page to fill in this information)

The City of Wheaton Snow Plan requires an annual training meeting to review application methods for the City's specialize plan. City of Wheaton personnel also attend good housekeeping training workshops provided by DuPage County when available.

Measurable Goals, including frequencies:

Conduct annual employee training for all snow removal personal to reduce winter chloride use.

Milestones:

Year 1:

Continue employee training program

Year 2:

Continue employee training program

Year 3:

Continue employee training program

Year 4:

Continue employee training program

Year 5:

Continue employee training program

Go to Additional  
Pages

F.2 Inspection and Maintenance Program (You may need to go to the next page to fill in this information)

The City of Wheaton has a rigorous program to prevent sediment borne pollutants from reaching receiving streams by achieving a high rate of street sweeping coupled with an active storm sewer inspection and cleaning program. Following the same path, Wheaton also tries to reduce salt application as much as possible during winter months.

Measurable Goals, including frequencies:

Wheaton Public Works Department (WPWD) currently inspects, cleans, and maintains the MS4 components on a routine annual basis of approximately 20% of the storm sewer pipe system and 30% of the catch basins, and on an as-needed complaint basis. WPWD also has a program of monitoring stormwater detention basins and outfall structures, and stream culverts and bridges for stormwater debris clean up. Wheaton has an aggressive vacuum sweeping program for its streets and municipal parking lots which ensure that at least 10,000 lane miles are swept each year. Wheaton highway maintenance trucks are equipped with calibrated salt spreaders to reduce the amount of salt applied when deicing roadways. The salt used for deicing is kept in a covered salt storage area and monitored for containment. Wheaton has also implemented a NaCl, CaCl, and beet juice brine solution prewetting program that has resulted in a further reduction in salt use.

Milestones:

Year 1:

Inspect, clean, and maintain twenty percent of the storm sewer piping system and thirty percent of the catchbasins. Vacuum sweep at least 10,000 lane miles per year. Calibrate salt spreaders each year.

Year 2:

Inspect, clean, and maintain twenty percent of the storm sewer piping system and thirty percent of the catchbasins. Vacuum sweep at least 10,000 lane miles per year. Calibrate salt spreaders each year.

Year 3:

Inspect, clean, and maintain twenty percent of the storm sewer piping system and thirty percent of the catchbasins. Vacuum sweep at least 10,000 lane miles per year. Calibrate salt spreaders each year.

Year 4:

Inspect, clean, and maintain twenty percent of the storm sewer piping system and thirty percent of the catchbasins. Vacuum sweep at least 10,000 lane miles per year. Calibrate salt spreaders each year.

Year 5:

Inspect, clean, and maintain twenty percent of the storm sewer piping system and thirty percent of the catchbasins. Vacuum sweep at least 10,000 lane miles per year. Calibrate salt spreaders each year.

Go to Additional  
Pages

F.3 Municipal Operations Storm Water Control

F.4 Municipal Operations Waste Disposal (You may need to go to the next page to fill in this information)

Wheaton Public Works Department (WPWD) has designed and constructed a storm sewer debris dump station within the Public Works facility. The dump station is utilized for drying storm sewer debris collected by WPWD from the MS4 prior to hauling solid material off-site for proper disposal. WPWD washes all vehicle and apparatus in an enclosed wash bay at their facility which drains to the sanitary sewer after passing through a triple-basin separator. Fire Department vehicles are washed at their respective fire stations in a similar manner. All Police and other smaller municipal vehicles are washed at a local privately-owned commercial car wash facility. All vehicle oil, batteries and other vehicle maintenance wastes are recycled.

Measurable Goals, including frequencies:

Wheaton Public Works Department (WPWD) will dry all storm sewer debris in the dump station before hauling the material to landfill. WPWD, Police Department, and Fire Department will wash all vehicle and apparatus in an enclosed wash bay at their facility or a private car wash facility which drains to the sanitary sewer after passing through a triple-basin separator. All vehicle oil, batteries and other vehicle maintenance wastes will continue to be recycled.

Milestones:

Year 1:

Dry all storm sewer debris in the storm sewer debris dump station. Continue all vehicle washing practices. Continue all vehicle maintenance waste recycling practices.

Year 2:

Dry all storm sewer debris in the storm sewer debris dump station. Continue all vehicle washing practices. Continue all vehicle maintenance waste recycling practices.

Year 3:

Dry all storm sewer debris in the storm sewer debris dump station. Continue all vehicle washing practices. Continue all vehicle maintenance waste recycling practices.

Year 4:

Dry all storm sewer debris in the storm sewer debris dump station. Continue all vehicle washing practices. Continue all vehicle maintenance waste recycling practices.

Year 5:

Dry all storm sewer debris in the storm sewer debris dump station. Continue all vehicle washing practices. Continue all vehicle maintenance waste recycling practices.

Go to Additional  
Pages

- F.5 Flood Management/Assess Guidelines
- F.6 Other Municipal Operations Controls

### Part III. 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 gathered and evaluated 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 fines and imprisonment.

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)).

---

Paul G. Redman, P.E.

Director of Engineering

September 25, 2013

---

Authorized Representative Name

Title

Date

---

Authorized Representative Signature

You may complete this form online and save a copy locally before printing and signing the form. It should then be sent to:

Illinois Environmental Protection Agency  
Bureau of Water  
Division of Water Pollution Control  
Attn: Permit Section  
P.O. Box 19276  
1021 North Grand Avenue East  
Springfield, IL 62794-9276

## Additional Info - Page 1

## A. Public Education and Outreach

BMP Number \_\_\_\_\_

--

[Add Another BMP](#)[Delete Last Entry](#)

## Additional Info - Page 2

## B. Public Participation/Involvement

BMP Number B.7.

Brief Description of BMP: The Wheaton Park District provides animal waste bags at parks to encourage proper disposal of animal waste, and has a park vacuuming program to properly dispose of goose droppings.

Measurable Goal(s), including frequencies: Continue to provide animal waste bags in parks and continue goose feces vacuuming.

Milestones: Years 1-5: The Wheaton Park District will continue to provide animal waste bags to encourage proper disposal and continue the vacuuming program.

[Add Another BMP](#)[Delete Last Entry](#)

## Additional Info - Page 3

## C. Illicit Discharge Detection and

BMP Number C.2.-C.6 

**Brief Description of BMP:** With DuPage County as the lead agency, representatives from municipalities will participate in a working group made up of the municipal engineers, DuPage County Mayors and Managers Conference and water quality stakeholder committee to evaluate the possible procedures and methods for illicit discharge detection and elimination for possible inclusion into ordinances. This will serve as a regulatory control program that will address: storm sewer mapping; illicit discharge tracing procedures; illicit source removal procedures; program evaluation and assessment; a prioritization plan for detection and elimination; and exploration into methods for testing to confirm or trace possible illicit connections. In addition to above, there will be inclusion of illicit discharge information made available through the education program targeting industry and homeowners. Municipalities can join the County's IDDE program once an IDDE ordinance and intergovernmental agreement has been passed.

**Measurable Goal(s), including frequencies:** Adopt an Illicit Discharge Detention and Elimination (IDDE) ordinance as restrictive as the DuPage County IDDE ordinance and pass an intergovernmental agreement to become a participant in the DuPage County IDDE program. The City of Wheaton will enforce the IDDE ordinance for all illicit discharges found by the DuPage County program within Wheaton City limits.

**Milestones:** Years 1-5: Enforce IDDE Ordinance for all illicit discharges found in City Limits in cooperation with DuPage County

 Add Another BMP Delete Last Entry

## Additional Info - Page 4

## D. Construction Site Runoff Control

BMP Number \_\_\_\_\_

## Additional Info - Page 5

## E. Post-Construction Runoff Control

BMP Number \_\_\_\_\_

BMP Number _____
------------------

## Additional Info - Page 6

## F. Pollution Prevention/Good

BMP Number \_\_\_\_\_

--