

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

ANNUAL FACILITY INSPECTION REPORT

NPDES PERMIT FOR STORM WATER DISCHARGES

FROM MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4)

Website address: <http://www.epa.state.il.us/water/permits/storm-water/forms/annual-facility-inspection-ms4.pdf>

Complete each section of this report.

REPORTING PERIOD FROM: MARCH, _____

TO: MARCH _____

ILR40

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

NAME:	TELEPHONE NUMBER:		
MAILING ADDRESS:			
CITY:	STATE:	ZIP:	COUNTY:
CONTACT PERSON: (Person responsible for Annual Report)			

NAME(S) OF GOVERNMENTAL ENTITY(IES) IN WHICH MS4 IS LOCATED: (As it appears on the current permit)

THE FOLLOWING ITEMS MUST BE ADDRESSED.

A. CHANGES TO BEST MANAGEMENT PRACTICES (check appropriate BMP change(s) and attach information regarding change(s) to BMP and measurable goals.)

1. Public Education and Outreach	
2. Public Participation/Involvement	
3. Illicit Discharge Detection & Elimination	
4. Construction Site Runoff Control	
5. Post-Construction Runoff Control	
6. Pollution Prevention/Good Housekeeping	

B.
Attach the status of compliance with permit conditions, an assessment of the appropriateness of your identified best management practices and progress towards achieving the statutory goal of reducing the discharge of pollutants to the MEP, and your identified measurable goals for each of the minimum control measures.

C.
Attach results of information collected and analyzed, including monitoring data, if any during the reporting period.

D.
Attach a summary of the storm water activities you plan to undertake during the next reporting cycle (including an implementation schedule.)

E.
Attach notice that you are relying on another government entity to satisfy some of your permit obligations (if applicable).

F.
Attach a list of construction projects that your entity has paid for during the reporting period.

SIGNATURE: _____ DATE: _____

Please submit inspection reports to:

Illinois Environmental Protection Agency, DWPC
Compliance Assurance Section
1021 North Grand Avenue East, POB 19276
Springfield, Illinois 62794-9276

Information required by this form must be provided to comply with 415 ILCS 5/39 (1996). Failure to do so may prevent this form from being processed and could result in your application being denied.
This form has been approved by the Forms Management Center.

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APRIL 1, 2009 – MARCH 31, 2010

CITY OF WHEATON, ILLINOIS

A. CHANGES TO BEST MANAGEMENT PRACTICES

There were several changes to the City's reported Best Management Practices (BMP's) during Year 1 (April 1, 2009 to March 31, 2010). These changes were mainly to report on and create measureable goals for BMP's that are currently practiced but not taken credit for. However additional new BMP's have been initiated and the reporting structure of previously reported BMP's have been updated.

BMP No. A.1 Distributed Paper Material (new & report on existing BMP)

Measurable Goal(s), 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. Residents without internet access can reach this information through publically available computers such as those at Wheaton City Hall or at the Public Library.

Milestones: Years 2-5: Provide access to all other public education materials provided by DuPage County through the City's website.
Years 2-5: Provide access to one hardcopy stormwater pollution brochure.

BMP No. A.3 Public Service Announcement (report on existing BMP)

Measurable Goal(s), including frequencies: 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 Dropoff 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.

Milestones: Years 2-5: Continue to provide information to public about environmental issues.
Year 5: Review success of reaching the public by tracking related website visits and revise accessibility as needed.

BMP No. A.4 Community Event (report on existing BMP)

Measurable Goal(s), including frequencies: 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 the benefits of native planting for the environment and stormwater related issues.

Milestones: Years 2-5: Continue support of these community events.

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BMP No. A.6 Other Public Education (report on existing BMP)

Measurable Goal(s), including frequencies: Provide Drainage Reviews to the public as they are requested to increase public knowledge base of the hydrologic cycle, increase awareness of stormwater runoff during storms, increase knowledge of property owner's individual watershed, and where storm sewers drain.

Milestones: Years 2-5: Provide a Drainage Review to 100% of residents that request one.

BMP No. B.1 Public Panel (report on existing BMP)

Measurable Goal(s), including frequencies: Wheaton will continue to support the City of Wheaton's Environmental Improvement Commission.

Milestones: Years 2-5: Continue support of the City of Wheaton's Environmental Improvement Commission.

BMP No. B.3 Stakeholder Meeting (report on existing BMP)

Measurable Goal(s), including frequencies: Wheaton will participate in the Water Quality Stakeholders Group, the Municipal Engineers Group, and the DuPage River/Salt Creek Work Group which are all available to the public.

Milestones: Years 2-5: Continue participation in the above groups.

BMP No. B.6 Program Coordination (report on existing BMP)

Measurable Goal(s), including frequencies: 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, the Electronics Recycling Program, the Adopt a Highway program, the Creek Clean Up, and the Holiday Light Collection program.

Milestones: Years 2-5: Continue to support the City of Wheaton's Environmental Improvement Commission and its programs

BMP No. B.7 Other Public Involvement (report on existing BMP)

Measurable Goal(s), including frequencies: Wheaton requires its refuse provider to have a curbside recycling program to help keep recyclable material out of the environment. 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.

Milestones: Years 2-5: Continue to support the curbside recycling program
Years 2-5: The Wheaton Park District will continue to provide animal waste bags to encourage proper disposal and continue the vacuuming program.

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BMP No. C.1 Storm Sewer Map Preparation (report on existing BMP)

Measurable Goal(s), including frequencies: Update storm sewer atlas at least once every five years.

Milestones: Years 2-5: Update Storm Sewer Atlas at least once

BMP No. C.2-C.6 Illicit Discharge Detection and Elimination (new)

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: Year 2: Adopt IDDE Ordinance and pass intergovernmental agreement
Years 2-5: Enforce IDDE Ordinance for all illicit discharges found in City Limits

BMP No. D.1 Regulatory Control Program (report on existing BMP)

Measurable Goal(s), including frequencies: 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.

Milestones: Years 2-5: Continue to maintain good standing with the County in enforcement of the Countywide Stormwater and Flood Plain Ordinance

BMP No. D.2 Erosion and Sediment Control BMPs (report on existing BMP)

Measurable Goal(s), including frequencies: 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.

Milestones: Years 2-5: Continue to require Erosion and Sediment Control BMPs for all construction sites that require permitting through the City

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BMP No. D.4 Site Plan Review Procedures (report on existing BMP)

Measurable Goal(s), including frequencies: 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

Milestones: Years 2-5: Continue to review site plans for erosion and sediment control BMPs for all construction sites that require permitting through the City

BMP No. D.5 Public Information Handling Procedures (report on existing BMP)

Measurable Goal(s), including frequencies: All public complaints received by the City immediately trigger a construction site inspection and enforcement if necessary.

Milestones: Years 2-5: Continue to respond to and engage all public complaints

BMP No. D.6 Site Inspection/Enforcement Procedures (new & report on existing BMP)

Measurable Goal(s), including frequencies: 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.

Milestones: Year 5: Review Site Inspection Procedures and Enforcement Procedures for effectiveness in ensuring proper erosion control.

BMP No. E.2 Regulatory Control Program (report on existing BMP)

Measurable Goal(s), including frequencies: 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.

Milestones: Years 2-5: Continue to maintain good standing with the County in enforcement of the Countywide Stormwater and Flood Plain Ordinance

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BMP No. E.3 Long Term O & M Procedures (report on existing BMP)

Measurable Goal(s), including frequencies: 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.

Milestones: Years 2-5: Continue to require long term inspection and maintenance.

BMP No. E.4 Pre-Construction Review of BMP Designs (report on existing BMP)

Measurable Goal(s), including frequencies: Wheaton reviews all submitted projects for conformance with the DuPage County Water Quality Best Management Practices Technical Guidance Document (BMP Manual) “Appendix E”

Milestones: Years 2-5: Continue to maintain good standing with the County in enforcement of the Countywide Stormwater and Flood Plain Ordinance

BMP No. E.5 Site Inspections During Construction (new)

Measurable Goal(s), including frequencies: Wheaton will perform erosion control site inspections as per the site inspection procedures for all construction projects over one acre at least two times per year and as needed to ensure compliance with the project’s SWPPP.

Milestones: Years 2-5: Perform site inspections for all construction projects over one acre at least two times per year

BMP No. E.6 Post-Construction Inspections (report on existing BMP)

Measurable Goal(s), including frequencies: 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.

Milestones: Years 2-5: Perform a post construction site inspection for all projects with required BMPs

BMP No. F.1 Employee Training Program (report on existing BMP)

Measurable Goal(s), including frequencies: Conduct annual employee training for all snow removal personal to reduce winter chloride use.

Milestones: Years 2-5: Continue employee training program

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BMP No. F.2 Inspection/Maintenance Program (report on existing BMP)

Measurable Goal(s), 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:

- Years 2-5: Inspect, clean, and maintain twenty percent of the storm sewer piping system and thirty percent of the catchbasins.
- Years 2-5: Vacuum sweep at least 10,000 lane miles per year.
- Years 2-5: Calibrate salt spreaders each year
- Year 2: Install sediment baskets in all catchbasins at the public works material storage yard

BMP No. F.4 Municipal Operations Waste Disposal

Measurable Goal(s), including frequencies (report on existing BMP):

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.

Milestones:

- Years 2-5: Dry all storm sewer debris in the storm sewer debris dump station
- Years 2-5: Continue all vehicle washing practices
- Years 2-5: Continue all vehicle maintenance waste recycling practices

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B. Attach the status of compliance with permit conditions, an assessment of the appropriateness of your identified best management practices, and progress towards achieving the statutory goal of reducing the discharge of pollutants to the MEP, and your identified measurable goals for each of the minimum control measures.

BMP No. F.2 Inspection and Maintenance Program

Measurable Goal(s), including frequencies (review of first permit):

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. Wheaton has an Environmental Improvement Commission that organizes volunteer groups and individuals to conduct annual stream cleaning and highway garbage clean up to reduce the amount of debris entering the MS4 and stream system. Wheaton design and construction specifications require all new and replacement catch basin inlet frames to be cast with appropriate markings to indicate that these structures flow to waterways. WPWD also has a program of monitoring stormwater detention basins and outfall structures, and stream culverts and bridges for stormwater debris clean up.

Wheaton vacuum sweeps its streets and municipal parking lots at a rate of approximately 15,000 miles per year. Wheaton owns three vacuum sweepers with two working on night shifts. Wheaton maintains approximately one hundred and fifty-five miles of roadway.

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.

Year 1 Milestones:

- Year 1:** Improve communications between Wheaton stormwater staff and Wheaton Public Works Department staff in order to run the good housekeeping pollution prevention program more effectively.
- Year 1:** Continue MS4 inspection and maintenance programs.
- Year 1:** Continue stream cleaning and highway garbage pick-up through volunteer efforts lead by the City of Wheaton's Environmental Improvement Commission.

Year 1 Achievements:

- WPWD has swept over 13,952 miles of streets with our street sweepers to remove sediment and pollutants before they enter the storm sewer system.
- WPWD has continued to monitor detention basins, outfall structures, stream culverts, and bridge for debris and functionality.
- WPWD has inspected, cleaned, and maintained 20.7% of the MS4 piping and 45.9% of the MS4 catchbasins/structures during this reporting period
- WPWD has continued with salt spreader calibration and salt has continued to be kept in a covered storage area that is monitored for salt containment.
- The City of Wheaton's Environmental Improvement Commission has continued to organize volunteer clean-ups of the streams and highways.

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Year 1 Achievements (continued):

- Wheaton's Environmental Improvement Commission Prescription Medication Collection Program (RxBox) collected and properly disposed of 430lbs of medications, preventing them from entering the environment.
- Wheaton's stormwater engineer has completed a review of public works operations, made sure that superintendents know pertinent NPDES requirements, and ensured that communication about good housekeeping practices is ongoing.

BMP No. F.4 Municipal Operations and Waste Disposal

Measurable Goal(s), including frequencies (review of first permit):

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.

In addition, WPWD has a vehicle maintenance facility that controls the amount of pollutants from material storage yards, roadway deicing practices, and runoff produced by vehicle washing and repairs. WPWD washes all large 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 vehicle 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.

Year 1 Milestones:

Year 1: Improve communications between the Wheaton stormwater staff and Wheaton Public Works Department staff to run the good housekeeping pollution prevention program more effectively.

Year 1: Continue existing programs for municipal operation and waste disposal to reduce pollutants to the MS4.

Year 1 Achievements:

- Wheaton's stormwater engineer has completed a review of public works operations, made sure that superintendents know pertinent NPDES requirements, and ensured that communication about good housekeeping practices is ongoing.
- All storm sewer debris has been dried at the dump station and sent to approved landfills.
- WPWD continues to use the vehicle maintenance facility to control pollutants.
- WPWD & Wheaton's Fire Departments continue to wash vehicles indoors to collect wash water and have it flow through triple basins.
- Wheaton continues to recycle all vehicle oil, batteries, and other maintenance wastes.

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***E. ATTACH NOTICE THAT YOU ARE RELYING ON ANOTHER
GOVERNMENTAL ENTITY TO SATISFY SOME OF YOUR PERMIT
OBLIGATIONS.***

The City of Wheaton is one of 40 cooperating permit holders with DuPage County which rely on DuPage County to satisfy some of their permit obligations as applicable.

The City of Wheaton also relies on the Wheaton Park District to satisfy some permit obligations.

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F. ATTACH A LIST OF CONSTRUCTION PROJECTS THAT YOUR ENTITY HAS PAID FOR DURING THE REPORTING PERIOD.

CITY OF WHEATON

Location / Project name	Type of work	Start date – end date
2009 Road, Sewer, and Water Rehabilitation Program – Various streets	Pavement resurfacing and general street maintenance	April 2009 – October 2009
Creekside Drive Dredging Project	Dredging silt out of online manmade creek	September 2009 – February 2010
Shaffner Road Emergency Stabilization	Emergency Stabilization of Road due to undercutting from roadside swale flow	October 2009 – December 2010
Morse Street Life Station Upgrade	Replaced lift station pumps and increased force main diameter	November 2009 – December 2009
Manchester Road / Wesley Street Bridge Project	Replacement of Manchester Bridge	November 2009 - Ongoing