

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY – ANNUAL FACILITY INSPECTION REPORT –  
NPDES PERMIT FOR STORMWATER DISCHARGES  
FROM MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4)  
APRIL 1, 2013 – MARCH 31, 2014

**CITY OF WHEATON, ILLINOIS**

**A. *CHANGES TO BEST MANAGEMENT PRACTICES***

No Changes this year

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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. A.1 Distributed Paper Material**

**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.

**Year 5 Achievements**

- The City printed and made available the stormwater pollution brochure “More than Rain Down the Drain: Illicit Discharge Detection and Elimination Public Awareness” created by DuPage County. Throughout the NPDES reporting year a total of forty-two brochures were picked up from the brochure kiosk located at City Hall.
- The City printed and made available the stormwater pollution brochure “Falling into Winter” created by DuPage County. Throughout the NPDES reporting year a total of twenty brochures were picked up from the brochure kiosk located at City Hall.
- All other public education materials provided by DuPage County are available through a link on the City's website to DuPage County's website.

**BMP No. A.3 Public Service Announcement**

**Measurable Goal(s), including frequencies:**

Continually disseminate information to the public about City infrastructure improvement projects affecting the environment, community events and public participation programs such as the Main Street Flood Control project; the new Bicycle Committee; the recycling of: Cooking Oil, Fluorescent Tubes, Prescription Medications (RxBox), Electronics; the Recycling Extravaganza; the Native Plant Sale; the Refuse and Recycling program; the Pickup program; the Illinois Prairie Path Clean Up; the Electronics Recycling program; the Adopt a Highway program; 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.

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Year 5: Review success of reaching the public by tracking related website visits and revise accessibility as needed.

**Year 5 Achievements**

- The Public Relations Division distributed information via press releases (27), tweets (92), announcements, newsletters, and email updates. All messages are coordinated to use each of the mediums stated above as well as internally produced videos and the City website. Each week over 2,409 subscribers receive the email update, Wheaton Weekly. A “Turn Wheaton Green” environmental message is included in each mailing.
- Additional environmental information available on over 40 separate pages on the City of Wheaton website resulted in over 40,000 website views between April 1, 2013 and March 31, 2014.
- Public Queries: Of the top 50 searches of our website in that period:  
Garbage #11  
Recycling #13  
Water #14  
Electronic Recycling #48
- Additionally the Video Division produced the following videos and PSAs which played on the City’s government access channel (CWC10) and were posted and promoted on the City’s website:
  - North Main Street Flood Control (#4)
  - Green Fair Preview (#6)
  - Native Illinois Plant Sale 2012 (#7)
  - Recycling Refresher: 2011 (#10)
  - Recycling Refresher: 2013 (#16)
  - Fluorescent “Bulb Eater”
  - 25<sup>th</sup> Annual Recycling Extravaganza
  - Arbor Day 2013
  - Reducing Mercury One Bulb at a Time
- While the audience size of all CWC10 programming is not quantifiable at this time, five of the videos were among the top 20 (rank noted) viewed on the website during that period and had a total of 669 views.

**BMP No. A.4 Community Event**

**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

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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.

**Year 5 Achievements**

- The sale went very well. The 258 customers were tallied, and 71% were returning customers, 29% were new; 56% were Wheaton residents, 44% from other communities.
- The Recycling Extravaganza had over one hundred volunteers and resulted in the following items being collected:
  - 831 fluorescent light bulbs
  - two 30-foot trailers of scrap metal
  - two 30-foot trailers of carpeting and padding
  - 2 panel trucks for ReStore
  - a 53-foot truck over full for Goodwill
  - two paper shredding trucks over full
  - almost a full truck of batteries
  - 34 grill-size propane tanks, one very large, and a number of small ones
  - a very full truck of bicycles
  - 500 pairs of eyeglasses; 6 hearing aids
  - 5 musical instrument
  - 300 pounds of records
  - Boxes full of rulers, buttons, and yarn.
  - 831 fluorescent light bulbs
  - two 30-foot trailers of scrap metal
  - two 30-foot trailers of carpeting and padding

**BMP No. A.6 Other Public Education**

**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 as well as basic flood protection.

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

**Year 5 Achievements**

- Drainage Reviews were provided to all residents that requested one. This resulted in a total of 140 personal property site visits between April 1, 2012 and March 31, 2013.

**BMP No. B.1 Public Panel**

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

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

**Year 5 Achievements**

- The City of Wheaton continued to support and fund the Wheaton Environmental Improvement Commission

**BMP No. B.3 Stakeholder Meeting**

**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.

**Year 5 Achievements**

- The City of Wheaton continued to send staff to the Municipal Engineers Group Meetings
- The City of Wheaton maintained membership in the DuPage River/Salt Creek Work Group

**BMP No. B.6 Program Coordination**

**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 River Sweep program, and the Holiday Light Collection program.

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

**Year 5 Achievements**

- The Prescription Medication Pickup Program (RxBox) resulted in 1,151 pounds of prescription medication being properly disposed of.
- The Prairie Path Cleanup had a turnout of over 143 volunteers
- The Electronics Recycling Program netted 258,650 pounds of recycled electronics
- The Adopt a Highway program resulted in at least 51 bags of trash
- The Holiday Light Collection program collected and recycled 2,978 pounds of Christmas lights

**BMP No. B.7 Other Public Involvement**

**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

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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.

**Year 5 Achievements**

- The City of Wheaton continued to have a refuse provider with a program of free curbside recycling.
- The Wheaton Park District distributed approximately 80,000 pet refuse bags which were donated by Animal Medical Center
- The Wheaton Park District did not have to perform park vacuuming this year due to native plantings creating an effective buffer between water areas and depredation becoming effective.

**BMP No. C.1 Storm Sewer Map Preparation**

**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

**Year 5 Achievements**

- The City of Wheaton updated parts of the Storm Sewer Atlas that were surveyed as part of the 2014 Road, Sewer, and Water Rehabilitation Program. Approximate length of storm sewer updated is 1,019 feet.

**BMP No. C.2-C.6 Illicit Discharge Detection and Elimination**

**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

**Year 5 Achievements**

- A pink sheen was sighted on Spring Brook #1. The pollution was traced to a transmission fluid spill. City of Wheaton Public Works cleaned all of the effected catchbasins and installed oil absorbent booms to collect the pollutant of concern.

**BMP No. D.1 Regulatory Control Program**

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**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

**Year 5 Achievements**

- The City of Wheaton maintained its good standing with the County in enforcement of the Countywide Stormwater and Flood Plain Ordinance.

**BMP No. D.2 Erosion and Sediment Control BMPs**

**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

**Year 5 Achievements**

- The City of Wheaton continued to require Erosion and Sediment Control BMPs for all construction sites that require permitting through the City.

**BMP No. D.4 Site Plan Review Procedures**

**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

**Year 5 Achievements**

- The City of Wheaton continued 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**

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**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

**Year 5 Achievements**

- The City responded to all public complaints received. One IDDE complaint was received and minor complaints about silt fencing were taken. All complaints were investigated and resolved to the maximum extent practicable.

**BMP No. D.6 Site Inspection/Enforcement Procedures**

**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.

**Year 5 Achievements**

- Site Inspection has been active in ensuring that proper erosion control procedures are met. When found to be in Violation it has proved to be effective to simply warn the site manager. No heavy enforcement tactics have been needed. As such the Site Inspection Procedures and Enforcement Procedures appear to be effective and will be continued.

**BMP No. E.2 Regulatory Control Program**

**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

**Year 5 Achievements**

- The City of Wheaton maintained its good standing with the County in enforcement of the Countywide Stormwater and Flood Plain Ordinance

**BMP No. E.3 Long Term O & M Procedures**

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**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.

**Year 5 Achievements**

- The City of Wheaton maintained its good standing with the County in enforcement of the Countywide Stormwater and Flood Plain Ordinance

**BMP No. E.4 Pre-Construction Review of BMP Designs**

**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

**Year 5 Achievements**

- The City of Wheaton maintained its good standing with the County in enforcement of the Countywide Stormwater and Flood Plain Ordinance

**BMP No. E.5 Site Inspections During Construction**

**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

**Year 5 Achievements**

- City of Wheaton staff visited all construction projects over one acre.

**BMP No. E.6 Post-Construction Inspections**

**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.

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

**Year 5 Achievements**

- City Staff performed a post construction site inspection for all projects with required BMPs

**BMP No. F.1 Employee Training Program**

**Measurable Goal(s), including frequencies:** Conduct annual employee training for all snow removal personal to reduce winter chloride use. The City of Wheaton adopted a formal Spill Prevention Plan for our municipal public works facility and the fueling station there. Training on the proper procedures contained in the Spill Prevention Plan will be reinforced each year.

**Milestones:** Years 2-5: Continue employee training program

**Year 5 Achievements**

- The annual snow general meeting which includes operating and safety procedures was held.

**BMP No. F.2 Inspection/Maintenance Program**

**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 15% 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. The City of Wheaton maintains approximately 150 miles of streets and 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 fifteen 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

**Year 5 Achievements**

- The City vacuum swept 10,003 lane miles of streets. This equates to each mile of City street being swept of sediment and debris over 29.5 times in the reporting period.

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- The salt spreaders were calibrated this year.
- The Public Works Yard sediment baskets were maintained on a as needed basis
- 38.7% of the City's storm sewer structures were inspected, cleaned, or maintained.
- Due to staffing issues and more staff time spent on snow removal than normal only 8.2 % of the City's storm sewer piping was inspected or cleaned. Based on recent problems 15% may no longer be practicable

**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

**Year 5 Achievements**

- The City of Wheaton continued all vehicle washing practices
- The City of Wheaton continued all vehicle maintenance waste recycling practices
- All catchbasin storm sewer debris was dried in the debris dump station within the Public Works facility which resulted in approximately 368.5 tons of sediment and debris removed from the MS4 storm sewer and sent to landfill.

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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**

<b>Location / Project name</b>	<b>Type of work</b>	<b>Start date – end date</b>
2013 Road, Sewer, and Water Rehabilitation Program – Various streets	Pavement resurfacing and general street maintenance	April 2012 – October 2012
Insituform 2013	Cured in place lining of sanitary sewer mains	April 2012 – May 2012
Sidewalk Replacement Program	Replace defective sidewalk panels	June 2012 – September 2012
Basin 4 Pilot Program	Lining of private sanitary services to reduce I & I	May 2013 – Ongoing