

CITY OF WHEATON, ILLINOIS

A. CHANGES TO BEST MANAGEMENT PRACTICES

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 Bicycle Committee; the recycling of: Cooking Oil, Fluorescent Tubes, Electronics; 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 1-5: Continue to provide information to the public about environmental issues

Years 1-5: Review success of reaching the public by tracking related website visits and revise accessibility as needed

BMP No. A.4 Community Event

Measurable Goal(s), including frequencies: The City of Wheaton's Environmental Improvement Commission holds the Native Plant Sale annually. The Recycling Extravaganza main event was canceled and replaced an annual paper shredding event. 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 1-5: Continue support of these community events.

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 Native Plant Sale, the Illinois Prairie Path Clean Up, the Pumpkin Composting event, the Electronics Recycling Program, the Adopt a Highway program, the River Sweep program, and the Holiday Light Collection program.

Milestones: Years 1-5: Continue to support the City of Wheaton's Environmental Improvement Commission and its programs

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 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 1-5: Continue to support the curbside recycling program
Years 1-5: The Wheaton Park District will continue to provide animal waste bags to encourage proper disposal.

BMP No. E.7

Measurable Goal(s), including frequencies: Employees managing public surfaces will receive annual training in Green Infrastructure or LID techniques. Contractors will certify their employees also have had annual training in Green Infrastructure or LID techniques.

Milestones: Years 1-5: Employees managing public surfaces will receive annual training in Green Infrastructure or LID techniques.
Years 1-5: Contractors managing public surfaces will acknowledge that their employees working on public surfaces have also received annual training in Green Infrastructure or LID techniques

BMP No. F.1

Measurable Goal(s), including frequencies: Conduct annual employee training for all snow removal personal to reduce winter chloride use. Implement and conduct annual good housekeeping training for employees and contractors.

Milestones: Years 1: Continue employee training program for chloride use and implement good housekeeping training for municipal employees into the maintenance program.

Years 2-5: Continue annual snow removal training and annual good housekeeping training.

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 1-5: Provide access to all other public education materials provided by DuPage County through the City's website.
Years 1-5: Provide access to one hardcopy stormwater pollution brochure.

Year 1 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 twenty-five 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-five 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 Bicycle Committee; the recycling of: Cooking Oil, Fluorescent Tubes, Electronics; 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

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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 1-5: Continue to provide information to the public about environmental issues
Years 1-5: Review success of reaching the public by tracking related website visits and revise accessibility as needed

Year 1 Achievements

- The Public Relations Division distributed environmental information via press releases (22), tweets (48), Facebook (starting in October 2016), newsletters, and email updates. Each week more than **3,200** subscribers receive the email update, Wheaton Weekly. Environmental messages are included whenever possible, reminding residents of upcoming electronic recycling events, Environmental Improvement Commission-sponsored events and programs, environmental reminders, recycling tips and more.

Environmental information is available on **over 30** separate pages on the City of Wheaton website resulted in over **71,000** website views between **April 1, 2016 and March 31, 2017**

- Public Queries: Of the top 50 searches of our website in that period (ranking):
Garbage (#2)
Water (#14)
Recycling (#16)
Shredding (#37)
Trash (#49)
- 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:
 - Recording of Pollutants and Our Waterways presentation
 - Waste and Recycling Update
 - City Scene Recycling Tour
 - Sorting it Out: Wheaton's New Garbage and Recycling Program

BMP No. A.4 Community Event

Measurable Goal(s), including frequencies: The City of Wheaton's Environmental Improvement Commission holds the Native Plant Sale annually. The Recycling Extravaganza main event was canceled and replaced an annual paper shredding event. 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 1-5: Continue support of these community events.

Year 1 Achievements

- The Native Plant Sale sold approximately 5,260 plants.
- The Paper Shredding event was extremely popular and over 29,000 lbs of paper was shredded and recycled.

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 1-5: Provide a Drainage Review to 100% of residents that request one.

Year 1 Achievements

- Drainage Reviews were provided to all residents that requested one. This resulted in a total of 90 personal property site visits between April 1, 2015 and March 31, 2016.

BMP No. B.1 Public Panel

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

Milestones: Years 1-5: Continue support of the City of Wheaton's Environmental Improvement Commission.

Year 1 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 1-5: Continue participation in the above groups.

Year 1 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 Native Plant Sale, the Illinois Prairie Path Clean Up, the Pumpkin Composting event, the Electronics Recycling Program, the Adopt a Highway program, the River Sweep program, and the Holiday Light Collection program.

Milestones: Years 1-5: Continue to support the City of Wheaton's Environmental Improvement Commission and its programs

Year 1 Achievements

- The Prairie Path Cleanup had a turnout of over 170 volunteers and included the collection of 33 bags of trash and 10 bags of recyclables.
- The Electronics Recycling Program had over 2,307 cars come through and drop off electronics to be recycled during monthly events.
- The Adopt a Highway program resulted in at least 32 bags of trash being collected.
- The collection of fluorescent lights totaled 1976 light bulbs
- Over 28 Gallons of cooking oil was collected

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 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 1-5: Continue to support the curbside recycling program
Years 1-5: The Wheaton Park District will continue to provide animal waste bags to encourage proper disposal.

Year 1 Achievements

- The City of Wheaton switched to a new refuse provider and required that provider to have a program for curbside recycling which costs residents less than a regular trash pickup.

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 1-5: Update Storm Sewer Atlas at least once

Year 1 Achievements

- The City of Wheaton updated parts of the Storm Sewer Atlas that were surveyed as part of the 2017 Road, Sewer, and Water Rehabilitation Program.

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

Measurable Goal(s), including frequencies: Adopt an Illicit Discharge Detection 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

Year 1 Achievements

- No illicit discharges were observed or reported during the permit year.

BMP No. C.7 Visual Dry Weather Screening

Measurable Goal(s), including frequencies: Conduct periodic inspection of stormsewer outfalls for detection of non-stormwater discharges and illegal dumping.

Milestones: Years 1-5: Inspect all Major/High Priority outfalls annually.

Year 1 Achievements

- 100% of the Major/High Priority outfalls were inspected this year in dry weather conditions.

BMP No. D.1 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 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 1-5: Continue to maintain good standing with the County in enforcement of the Countywide Stormwater and Flood Plain Ordinance

Year 1 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 1-5: Continue to require Erosion and Sediment Control BMPs for all construction sites that require permitting through the City

Year 1 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 1-5: Continue to review site plans for erosion and sediment control BMPs for all construction sites that require permitting through the City

Year 1 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

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

Milestones: Years 1-5: Continue to respond to and engage all public complaints

Year 1 Achievements

- The City responded to all public complaints received.

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 1 Achievements

- 100% of reported non-compliant sites were corrected

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 1-5: Continue to maintain good standing with the County in enforcement of the Countywide Stormwater and Flood Plain Ordinance

Year 1 Achievements

- The City of Wheaton maintained its good standing with the County in enforcement of the Countywide Stormwater and Flood Plain Ordinance.
- The City of Wheaton took enforcement action against a property owner who placed illegal fill within a Special Flood Hazard Area.

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

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 1-5: Continue to require long term inspection and maintenance.

Year 1 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 1-5: Continue to maintain good standing with the County in enforcement of the Countywide Stormwater and Flood Plain Ordinance

Year 1 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 one time per year and as needed to ensure compliance with the project’s SWPPP.

Milestones: Years 1-5: Perform site inspections for all construction projects over one acre at least Once a year

Year 1 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.

Milestones: Years 1-5: Perform a post construction site inspection for all projects with required BMPs

Year 1 Achievements

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

BMP No. E.7 Other Post-Construction Runoff Controls

Measurable Goal(s), including frequencies: Employees managing public surfaces will receive annual training in Green Infrastructure or LID techniques. Contractors will certify their employees also have had annual training in Green Infrastructure or LID techniques.

Milestones: Years 1-5: 100% of Employees managing public surfaces received annual training in Green Infrastructure or LID techniques.
Years 1-5: 100% of Contractors managing public surfaces will acknowledge their employees working on the surfaces have also received annual training in Green Infrastructure or LID techniques

Year 1 Achievements

- 100% of employees within the City that manage public surfaces were trained on green infrastructure and LID techniques.
- 100% of contractors that manage public surfaces within the City acknowledged their employees were trained on green infrastructure and LID techniques.

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. Implement and conduct annual good housekeeping training for employees and contractors.

Milestones: Years 1: Continue employee training program for chloride use and implement good housekeeping training for municipal employees into the maintenance program.

Years 2-5: Continue annual snow removal training and annual good housekeeping training.

Year 1 Achievements

- The annual snow general meeting which includes operating and safety procedures was held.
- Additional training was provided and implemented discussing ways to identify and prevent Illicit Discharges and included participation by all Engineering and Public Works employees.
- Training was given to all contractors during pre-construction meetings.

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 10% 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 1-5: Inspect, clean, and maintain ten percent of the storm sewer piping system and thirty percent of the catch basins.

Years 1-5: Vacuum sweep at least 10,000 lane miles per year.

Years 1-5: Calibrate salt spreaders each year

Year 1 Achievements

- The City vacuum swept 16,232 lane miles of streets and did exceed our goal. This equates to each mile of City street being swept of sediment and debris over 54 times in the reporting period.
- The salt spreaders were calibrated this year.
- The Public Works Yard sediment baskets were maintained on a as needed basis

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- 44.6% of the City's storm sewer structures were inspected, cleaned, or maintained exceeding our goal of 30%.
- 18.4% of the City's storm sewer mains were inspected, cleaned, or maintained exceeding our goal of 10%.

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 1-5: Dry all storm sewer debris in the storm sewer debris dump station
Years 1-5: Continue all vehicle washing practices
Years 1-5: Continue all vehicle maintenance waste recycling practices

Year 1 Achievements

- The City of Wheaton continued all vehicle washing practices
- The City of Wheaton continued all vehicle maintenance waste recycling practices
- All catch basin storm sewer debris was dried in the debris dump station within the Public Works facility which resulted in approximately 423.90 tons of sediment and debris removed from the MS4 storm sewer and sent to landfill.

***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
<i>2016 Road, Sewer, and Water Rehabilitation Program – Various streets</i>	<i>Pavement resurfacing and general street maintenance</i>	<i>April 2016 – October 2016</i>
<i>2016 Sewer Main Lining Project</i>	<i>CIPP Liner to rehabilitate sanitary and storm mains</i>	<i>December 2016 – April 2017</i>
<i>2016 Manhole Rehabilitation Project</i>	<i>Rehabilitated sanitary sewer manholes with Spectrashield</i>	<i>August 2016 – October 2016</i>
<i>Streams Lake Dredging</i>	<i>Dredge the east lake of the Streams Subdivision</i>	<i>August 2016 – September 2016</i>
<i>Parking Lot Reconstruction on Various City Lots</i>	<i>Resurface/Reconstruct Lot 10, Library Lot, City Hall and Police Department</i>	<i>June 2016 – August 2016</i>
<i>Countryside Reservoir Repairs</i>	<i>Repair damaged wall sections</i>	<i>October 2016 – January 2016</i>
<i>Sidewalk Replacement Program</i>	<i>Replace defective sidewalk panels</i>	<i>June 2016 – September 2016</i>