

## **A. Public Education and Outreach**

### Qualifying Local Programs:

DuPage County employs a Stormwater Outreach Coordinator and is engaged in contracts with the not-for-profit organizations SCARCE and The Conservation Foundation to provide education and outreach pertaining to the reduction of pollutants in stormwater runoff. These efforts take place throughout the entirety of DuPage County.

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### Measurable Goals (including shared responsibilities)

#### A.1 Distributed Paper Material

##### Brief Description of BMP:

Develop and distribute both paper and electronic material regarding the control of pollutants from seasonal sources and activities.

##### Measurable Goals, including frequencies:

The number of seasonal brochure packets developed per year.

##### Milestones:

- Year 1: 1 brochure packet
- Year 2: 2 brochure packets
- Year 3: 2 brochure packets
- Year 4: 3 brochure packets
- Year 5: 4 brochure packets

#### A.2 Speaking Engagement

##### Brief Description of BMP:

Engage interested parties through presentations detailing water quality trends for DuPage County waterways and highlighting practices that can reduce the transport of pollutants along with stormwater into those same waterways.

##### Measurable Goals, including frequencies:

The number of presentations made per year.

##### Milestones:

- Year 1: 5 presentations
- Year 2: 5 presentations
- Year 3: 6 presentations
- Year 4: 7 presentations
- Year 5: 7 presentations

### A.3 Public Service Announcement

#### Brief Description of BMP:

Disburse press releases, public service announcements, and messages through social media to residents of the entirety of DuPage County. These messages detail water quality trends for DuPage County waterways and highlight practices that can reduce the transport of pollutants along with stormwater into those same waterways.

#### Measurable Goals, including frequencies:

The number of messages broadcast per year.

#### Milestones:

- Year 1: 8 messages
- Year 2: 9 messages
- Year 3: 10 messages
- Year 4: 11 messages
- Year 5: 12 messages

### A.4 Community Event

#### Brief Description of BMP:

Present, through booths, workshops, or presentations, water quality issues to members of the community. Presentations detail water quality trends for DuPage County waterways and highlighting practices that can reduce the transport of pollutants along with stormwater into those same waterways.

#### Measurable Goals, including frequencies:

The number of events attended or hosted per year.

#### Milestones:

- Year 1: 2 events staffed
- Year 2: 3 events staffed

- Year 3: 4 events staffed
- Year 4: 5 events staffed
- Year 5: 6 events staffed

#### A.5 Classroom Education Material

##### Brief Description of BMP:

Educate school aged children regarding the basic principles of watersheds and practices to reduce the transfer of pollutants to waterways, including rain gardens, rain barrels, permeable pavers, green roofs, native plants, bioswales, and various source control measures.

##### Measurable Goals, including frequencies:

The number of students in attendance of outreach programs per year.

##### Milestones:

- Year 1: 300 students
- Year 2: 330 students
- Year 3: 363 students
- Year 4: 399 students
- Year 5: 439 students

## **B. Public Participation / Involvement**

##### Qualifying Local Programs:

DuPage County seeks to engage a broad range of individuals and interests to provide input regarding policies and projects related to the control and reduction of pollutants in stormwater runoff. Such input is provided through hosting and participating in stakeholder meetings, as well as facilitating the involvement of the public in various activities.

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##### Measurable Goals (including shared responsibilities)

#### B.3 Stakeholder Meeting

##### Brief Description of BMP:

Organize or serve as a principal participant in a stakeholder meeting that addresses matters pertaining to pollutant reduction on a watershed level.

Measurable Goals, including frequencies:

The number of meetings held per year.

Milestones:

- Year 1: 10 meetings
- Year 2: 11 meetings
- Year 3: 12 meetings
- Year 4: 13 meetings
- Year 5: 15 meetings

### B.6 Program Involvement

Brief Description of BMP:

Facilitate attitude surveys to gauge citizen views, behaviors, and concerns pertaining to a variety of topics, including water quality, property management, and residential pollutant control.

Measurable Goals, including frequencies:

The number of surveys developed and disbursed per year.

Milestones:

- Year 1: 1 survey
- Year 2: 1 survey
- Year 3: 1 survey
- Year 4: 1 survey
- Year 5: 1 survey

### B.7 Other Public Involvement

Brief Description of BMP:

Host events, such as Adopt-a-Stream, River Sweep, and Storm Drain Stenciling, where residents are engaged in reducing the transport of pollutants to, or directly removing pollutants from, waterways within DuPage County.

Measurable Goals, including frequencies:

The number of individuals involved in public events per year.

Milestones:

- Year 1: 400 participants
- Year 2: 420 participants
- Year 3: 441 participants
- Year 4: 463 participants
- Year 5: 486 participants

## **C. Illicit Discharge Detection and Elimination**

### Qualifying Local Programs:

DuPage County is engaged in intergovernmental agreements with the majority of municipalities regarding the screening for and tracing of illicit discharges into Waters of the State from MS4 outfalls. County staff hosts an illicit discharge hotline, performs field inspections of known outfall locations, and, where applicable, traces a suspected illicit discharge to the source.

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### Measurable Goals (including shared responsibilities)

#### C.1 Sewer Map Preparation

##### Brief Description of BMP:

Collect and compile, from a variety of sources, storm sewer maps. These maps identify the locations of storm sewer outfalls discharging to Waters of the State. The desired end product is one comprehensive, Countywide storm sewer atlas.

##### Measurable Goals, including frequencies:

The percentage of DuPage County for which a storm sewer atlas has been compiled.

##### Milestones:

- Year 1: 50 percent
- Year 2: 60 percent
- Year 3: 70 percent
- Year 4: 80 percent
- Year 5: 90 percent

#### C.3 Detection / Elimination Prioritization Plan

##### Brief Description of BMP:

Compile information pertaining to the ten step prioritization plan identified in the *DuPage County IDDE Program Technical Guidance*.

Measurable Goals, including frequencies:

The number of steps in the prioritization process completed per year.

Milestones:

- Year 1: 2 steps (1 & 2)
- Year 2: 2 steps (3 & 4)
- Year 3: 2 steps (5 & 6)
- Year 4: 2 steps (7 & 8)
- Year 5: 2 steps (9 & 10)

### C.5 Illicit Source Removal Procedures

Brief Description of BMP:

Distribute educational materials pertaining to illicit discharges to DuPage County residents and businesses. DuPage County maintains an Illicit Discharge Detection and Elimination Hotline, where interested parties are able to report suspect discharges from the storm sewer system into waterways located within DuPage County. Often, these reported discharges originate from an individual or business that is unaware of the implications of their activities.

Measurable Goals, including frequencies:

The number of flyers, posters, or other public education tools distributed per year.

Milestones:

- Year 1: 10 pieces of educational material
- Year 2: 11 pieces of educational material
- Year 3: 12 pieces of educational material
- Year 4: 13 pieces of educational material
- Year 5: 14 pieces of educational material

### C.7 Visual Dry Weather Screening

Brief Description of BMP:

Perform the visual screening of MS4 outfalls discharging to Waters of the State during dry-weather conditions.

Measurable Goals, including frequencies:

The number of outfalls inspected per year.

Milestones:

- Year 1: 10 percent of known outfalls
- Year 2: 15 percent of known outfalls
- Year 3: 20 percent of known outfalls
- Year 4: 25 percent of known outfalls
- Year 5: 30 percent of known outfalls

### C.8 Pollutant Field Testing

Brief Description of BMP:

Conduct monitoring for the following chemical parameters when visual characterization of the discharge indicates an illicit nature: surfactants, ammonia, potassium, fluoride, conductivity, and pH.

Measurable Goals, including frequencies:

The percentage of outfalls releasing a suspected illicit discharge chemically monitored per year.

Milestones:

- Year 1: 20 percent
- Year 2: 30 percent
- Year 3: 40 percent
- Year 4: 50 percent
- Year 5: 60 percent

### **D. Construction Site Runoff Control**

Qualifying Local Programs:

In addition to review of construction permit submittals for projects taking place within unincorporated of DuPage County, County staff also reviews construction permit submittals for a number of municipalities when special management areas are involved in the project.

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Measurable Goals (including shared responsibilities)

#### D.4 Site Plan Review Procedures

##### Brief Description of BMP:

Review construction permit submittals to identify opportunities for avoidance of impacts to channels, wetlands, and adjoining property.

##### Measurable Goals, including frequencies:

The number of construction permit submittals reviewed per year.

##### Milestones:

- Year 1: 100 reviews
- Year 2: 105 reviews
- Year 3: 110 reviews
- Year 4: 116 reviews
- Year 5: 122 reviews

#### **E. Post-Construction Runoff Control**

##### Qualifying Local Programs:

The DuPage County Countywide Stormwater and Flood Plain Ordinance (DCCSFPO) establishes a minimum level of regulatory compliance that a municipality within DuPage County must meet. Several communities have waived their legal authority to enforce the DCCSFPO, either partially or wholly, within their jurisdiction. DuPage County staff offers numerous services for those communities, including permit submittal review and post-construction inspections at sites containing wetland buffer, riparian enhancement, and wetland mitigation.

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Measurable Goals (including shared responsibilities)

#### E.2 Regulatory Control Program

##### Brief Description of BMP:

Review of the regulatory framework established by the DCCSFPO. Following review, the need for changes in Ordinance text, performance of community audits, general certification adoption, or development of technical guidance may be recognized.

##### Measurable Goals, including frequencies:

The number of regulatory activities performed per year.



Milestones:

- Year 1: 1 activity
- Year 2: 1 activity
- Year 3: 2 activities
- Year 4: 2 activities
- Year 5: 3 activities

E.4 Pre-Construction Review of BMP Designs

Brief Description of BMP:

Certify, for permit approval, permit submittals. Approval is granted to submittals that are in compliance with the DuPage County Countywide Stormwater and Flood Plain Ordinance, which requires post-construction best management practices (PCBMPs) for all developments with a 2,500 square foot net increase of impervious surfaces. While County staff is not able to control for the quality of permit submittals, efforts are made to educate the development community on how submittals can be enhanced.

Measurable Goals, including frequencies:

The percentage of permit submittals certified, versus the total number of submittals, per year.

Milestones:

- Year 1: 30 percent
- Year 2: 35 percent
- Year 3: 40 percent
- Year 4: 45 percent
- Year 5: 50 percent

E.6 Post-Construction Inspections

Brief Description of BMP:

Conduct post-construction inspections at sites containing wetland buffer, riparian enhancement, or wetland mitigation.

Measurable Goals, including frequencies:

The number of post-construction inspections performed per year.

Milestones:

- Year 1: 100 inspections
- Year 2: 110 inspections
- Year 3: 121 inspections
- Year 4: 133 inspections
- Year 5: 146 inspections

## **F. Pollution Prevention / Good Housekeeping**

### Qualifying Local Programs:

DuPage County, through passage of the DuPage County Stormwater Management Plan (DCSMP, 1989), assumed responsibility for regional watershed planning. Where applicable, watershed plans are to include updated and revised floodplain maps, basin-specific ordinances, recommended improvement projects and programs to alleviate present and anticipated flooding problems, and identification of wetlands and critical habitats. Additionally, DuPage County offers stream maintenance services to remove large timber debris accumulations from waterways when contacted by requesting municipalities. The DCSMP states that primary responsibility for maintenance lies within the municipality in which the stormwater facility, including drainage ways (rivers, streams, and ditches), is located; however, such a service for potential regional stormwater problems is offered to reduce overall cost and increase expediency in blockage removal.

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### Measurable Goals (including shared responsibilities)

#### F.2 Inspection and Maintenance Program

#### Brief Description of BMP:

Follow established procedures to remove accumulated timber debris from stormwater facilities that have potential to cause a regional stormwater problem.

#### Measurable Goals, including frequencies:

The number of cubic yards removed from drainage ways per year.

#### Milestones:

- Year 1: 200 cubic yards
- Year 2: 220 cubic yards
- Year 3: 242 cubic yards
- Year 4: 266 cubic yards
- Year 5: 293 cubic yards

## F.5 Flood Management / Assess Guidelines

### Brief Description of BMP:

Ensure that new flood management projects assess the impacts on water quality and examine existing projects for incorporation of additional water quality protection devices or practices.

### Measurable Goals, including frequencies:

The number of completed watershed plans, or components thereof, approved by the Stormwater Management Planning Committee and County Board per year.

### Milestones:

- Year 1: 1 watershed plan
- Year 2: 1 watershed plan
- Year 3: 1 watershed plan
- Year 4: 1 watershed plan
- Year 5: 1 watershed plan