



# Illinois Environmental Protection Agency

1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276 • (217) 782-3397

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

### Part I. Municipal (MS4) Contact Information

- Name of Municipality: Village of Libertyville MS4 #: ILR400374  
Population (based on 2010 census): 20,315
- MS4 Mailing Address: 118 W. Cook Avenue City: Libertyville, IL Zip: 60048
- Primary MS4 Contact Person (Authorized Representative for MS4 Permit)  
Name: Paul Kendzior Title: Director of Public Works  
Phone: 847-918-2016 Email Address: pkendzior@libertyville.com

### General Information

- Latitude and Longitude at approximate geographical center of MS4 for which you are requesting authorization to discharge:  
Latitude: 42 17 38N Longitude: 87 56 42W  
Degrees Minutes Seconds Degrees Minutes Seconds
- Community Type: Village Other: \_\_\_\_\_

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

| City/Village | Township              | County      |
|--------------|-----------------------|-------------|
|              | Libertyville Township | Lake County |

- Area of land within your MS4 in square miles: 9.27
- Percent of MS4 served by combined sewer: 0 Percent of MS4 served by separate sewer: 100

| Name(s) of known receiving waters (in and within 3 miles of MS4 area) | Impairment listed on 303d List or TMDL?                       |
|---|---|
| Belvidere Road Tributary  | <input type="radio"/> Yes <input checked="" type="radio"/> No |
| Big Bear Lake   | <input checked="" type="radio"/> Yes <input type="radio"/> No |
| Bull Creek  | <input checked="" type="radio"/> Yes <input type="radio"/> No |
| Bull Creek Tributary  | <input type="radio"/> Yes <input checked="" type="radio"/> No |
| North Branch Bull Creek Tributary                                     | <input type="radio"/> Yes <input checked="" type="radio"/> No |
| West Branch Bull Creek Tributary                                      | <input type="radio"/> Yes <input checked="" type="radio"/> No |
| Butler Lake   | <input type="radio"/> Yes <input checked="" type="radio"/> No |
| Middle Fork North Branch Chicago River                                | <input checked="" type="radio"/> Yes <input type="radio"/> No |
| Tributary to Middle Fork North Branch Chicago River                   | <input type="radio"/> Yes <input checked="" type="radio"/> No |
| West Fork North Branch Chicago River                                  | <input checked="" type="radio"/> Yes <input type="radio"/> No |
| Countryside Lake  | <input checked="" type="radio"/> Yes <input type="radio"/> No |
| Des Plaines River   | <input checked="" type="radio"/> Yes <input type="radio"/> No |

| Name(s) of known receiving waters (in and within 3 miles of MS4 area) | Impairment listed on 303d List or TMDL?                       |
|---|---|
| Tributary No. 1 to Des Plaines River                                  | <input type="radio"/> Yes <input checked="" type="radio"/> No |
| Diamond Lake  | <input checked="" type="radio"/> Yes <input type="radio"/> No |
| Diamond Lake Drain  | <input type="radio"/> Yes <input checked="" type="radio"/> No |
| Unnamed Tributary to Diamond Lake Drain                               | <input type="radio"/> Yes <input checked="" type="radio"/> No |
| Druce Lake  | <input type="radio"/> Yes <input checked="" type="radio"/> No |
| Gages Lake  | <input type="radio"/> Yes <input checked="" type="radio"/> No |
| Grays Lake  | <input type="radio"/> Yes <input checked="" type="radio"/> No |
| Harvey Lake   | <input checked="" type="radio"/> Yes <input type="radio"/> No |
| Highland Lake   | <input type="radio"/> Yes <input checked="" type="radio"/> No |
| Indian Creek  | <input checked="" type="radio"/> Yes <input type="radio"/> No |
| Irondale Creek  | <input type="radio"/> Yes <input checked="" type="radio"/> No |
| Lake Charles  | <input checked="" type="radio"/> Yes <input type="radio"/> No |
| Loch Lomond   | <input checked="" type="radio"/> Yes <input type="radio"/> No |
| Meadow Haven Creek  | <input type="radio"/> Yes <input checked="" type="radio"/> No |
| Mill Creek  | <input checked="" type="radio"/> Yes <input type="radio"/> No |
| Unnamed Tributary to Mill Creek                                       | <input type="radio"/> Yes <input checked="" type="radio"/> No |
| Seavey Drainage Ditch   | <input type="radio"/> Yes <input checked="" type="radio"/> No |
| Skokie River  | <input checked="" type="radio"/> Yes <input type="radio"/> No |
| Squaw Creek   | <input type="radio"/> Yes <input checked="" type="radio"/> No |
| St Marys Lake   | <input checked="" type="radio"/> Yes <input type="radio"/> No |
| Third Lake  | <input type="radio"/> Yes <input checked="" type="radio"/> No |
| Valley Lake   | <input type="radio"/> Yes <input checked="" type="radio"/> No |

9a. If impaired, which potential causes and source?

Causes: Aldrin, DO, pH, Arsenic, Fecal Coliform, etc. Source: Atmospheric Deposition, Crop Production, etc.

9b. Are the receiving waterbodies included in an approved TMDL or alternate water quality management plan?  Yes  No

If yes, what measures to comply with the TMDL waste load allocation (WLA) are being implemented or are planned?

The August 2008 Bull Creek-Bull's Brook Watershed-Based Plan by the LCSMC proposes measures such as education programs, detention basin retrofits, stream maintenance, wetland restoration, shoreline restoration, and more to improve water quality.

The May 2008 North Branch Chicago River Watershed-Based Plan by the LCSMC proposes measures such as creating new regulatory requirements, installing vegetative filter strips, constructing wetland detention basins, preserving riparian buffers along streams, preventing nonpoint source pollution, providing education to the public, and more to improve water quality.

The June 2018 Des Plaines River Watershed-Based Plan by the Lake County Stormwater Management Commission (LCSMC) proposes measures such as nutrient monitoring, salt reduction, agricultural conservation practices, streambank restoration, bioretention, wetland construction, detention basin retrofits, and more to improve water quality.

The Lower Des Plaines River Watershed-Based Plan by the Metropolitan Planning Council (Oct. 2018) proposes measures such as bioretention, infiltration trenches, oil/grit separators, cisterns, porous pavement, weekly sweeping, detention basin retrofits, and more to improve water quality.

The April 2014 Mill Creek Watershed and Flood Mitigation Plan proposes measures such as riparian area preservation, stream maintenance, streambank stabilization, filter strips, detention basin retrofits, agricultural Best Management

## Impaired Waters

The most recent 303(d) list may be found at <https://www2.illinois.gov/epa/topics/water-quality/watershed-management/tmdls/Pages/303d-list.aspx>. Information regarding TMDLs may be found at <https://www2.illinois.gov/epa/topics/water-quality/watershed-management/tmdls/Pages/default.aspx>.

Practices (BMPs), wetland construction, bioretention, and more to improve water quality.

The December 2006 Indian Creek Watershed-Based Plan by the LCSMC proposes measures such as filter strips, wetland detention basins, improved agricultural practices, stream maintenance, preservation of riparian areas, and more to improve water quality.

The LCSMC's May 2004 Squaw Creek Watershed Management Plan proposes measures such as increased water quality monitoring, stormwater management retrofits, streambank stabilization, habitat restoration, restoration of open spaces, and more to improve water quality.

9c. Is the MS4 community included in the chloride variance?  Yes  No

## Program Responsibility

### 10. Shared Responsibility

Is your MS4 responsible for any permit requirements of another MS4 community?  Yes  No

Does your MS4 Community rely on another MS4 to satisfy any of the permit requirements?  Yes  No

If yes: Which MS4 community?: Lake County

Which minimum control measurements is the other MS4 responsible for?

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> Public Education and Outreach               | <input checked="" type="checkbox"/> Construction Site Runoff Control       |
| <input checked="" type="checkbox"/> Public Participation/Involvement            | <input checked="" type="checkbox"/> Post-Construction Runoff Control       |
| <input checked="" type="checkbox"/> Illicit Discharge Detection and Elimination | <input checked="" type="checkbox"/> Pollution Prevention/Good Housekeeping |

### 11. Co-Permittee

Is your MS4 Community a Co-Permittee with another MS4 Community?  Yes  No

### 12. Other contacts responsible for implementation or coordination of Stormwater Management Program

Name: Fred Chung Title: Senior Project Engineer

Phone: 847-247-5435 Email: fchung@libertyville.com

Area of Responsibility: Capital Village Projects

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

Approximate date first implemented: March 2003 Frequency of each BMP program: Annually (at a minimum)

Qualifying Local Programs

As part of its stormwater management program, the Village of Libertyville conducts a number of Public Education and Outreach activities that educate and inform the public about the impacts of stormwater runoff on receiving water bodies and the steps that the public can take to reduce those impacts. In coordination and collaboration with the QLP, the Village of Libertyville will continue to perform activities related to the Public Education and Outreach MCM. These activities include BMPs: A.1, A.3, A.4, A.5 and A.6.

The Village also shares responsibility for the implementation of its stormwater management program with the Lake County Stormwater Management Commission (SMC). The SMC serves as a Qualifying Local Program (QLP) for Lake County MS4s and performs activities related to each of the six MCMs described in the MS4 Permit, including activities related to Public Education and Outreach. The SMC's QLP activities are detailed at the link provided below.

<https://www.lakecountyil.gov/DocumentCenter/View/12591/03-QLP-Activities-042516?bidId=>

Measurable Goals (include shared responsibilities)

A.1 Distributed Paper Material

Brief Description of BMP

In addition to the QLP's efforts to distribute informational materials throughout Lake County, which are described in more detail in Attachment A, the Village of Libertyville works to compile and distribute within the Village of Libertyville a variety of materials related to stormwater management from a variety of sources, including the Lake County Stormwater Management Commission, Illinois EPA, US EPA, the Center for Watershed Protection, and other agencies and organizations. The Village of Libertyville maintains a list of the types of materials it has made available to the public and the materials are distributed at the Library, Village Hall, Building and Zoning Department, Public Works and Engineering Department front counter.

Measurable Goals, including frequencies

Distribute informational materials from "take away" rack at Library, Village Hall, Building and Zoning Department, Public Works and Engineering Departments.

Milestones

- Year 1: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.
- Year 2: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.
- Year 3: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.
- Year 4: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.
- Year 5: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Additional Info

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

A.2 Speaking Engagement

A.3 Public Service Announcement

**Brief Description of BMP**

Village of Libertyville performs Outreach & Announcement Activities. Public Meeting Announcement related to IEPA's NPDES Stormwater Program or Stormwater BMPs are included in Village of Libertyville quarterly News Letter. Also, Village of Libertyville utilizes the Village Web Site to post watershed planning activities have occurred or are occurring.

**Measurable Goals, including frequencies**

Include public service announcements related to IEPA's NPDES Stormwater Program or stormwater BMPs in Village quarterly newsletter.

**Milestones**

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Year 3: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 4: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 5: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

**Additional Info**

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

**A.4 Community Event**

**Brief Description of BMP**

In addition to the QLP's efforts to sponsor or co-sponsor workshops and provide educational presentations, which are described in more detail in Attachment A, the Village of Libertyville sponsors and/or attends community outreach events, including meetings, to provide information on stormwater management-related topics. Audiences attending such events may include homeowners associations, lake management associations, businesses, and neighborhood groups. The Village of Libertyville maintains a list of the stormwater management-related community outreach events, including meetings that it has attended.

Additionally, the Village of Libertyville supports the efforts of the Solid Waste Agency of Lake County (SWALCO) to implement programs throughout Lake County that increase reuse, recycling, and composting and reduce reliance on landfills. As part of these waste management efforts, SWALCO conducts dozens of household hazardous waste collection events each year at various locations throughout the county. The Village of Libertyville publicizes these household hazardous waste collection events to encourage the public to participate in such events.

**Measurable Goals, including frequencies**

Sponsor and/or attend stormwater management-related community outreach events, including meetings. Provide notice of SWALCO household hazardous waste collection events on Village of Libertyville website.

**Milestones**

Year 1: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 2: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 3: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 4: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 5: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Additional Info

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

A.5 Classroom Education Material

Brief Description of BMP

In addition to the QLP's efforts to educate local students, teachers, and other local stakeholders, which are described in more detail in Attachment A, upon request, the Village of Libertyville will provide educational presentations on stormwater management-related topics to local students and teachers and/or other local stakeholders. The Village of Libertyville maintains a list of the stormwater management-related educational presentations that it has provided at local schools. Additionally, upon request, the Village of Libertyville will provide information and training to local students and teachers and/or other local stakeholders interested in conducting storm drain stenciling.

Measurable Goals, including frequencies

Upon request, provide stormwater management-related educational presentation to local students and teachers and/or other local stakeholders. Upon request, provide information and training to local students and teachers and/or other local stakeholders interested in conducting storm drain stenciling.

Milestones

Year 1: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 2: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 3: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 4: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 5: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Additional Info

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

A.6 Other Public Education

Brief Description of BMP

In addition to the QLP's efforts to distribute information via its website, which are described in more detail in Attachment A, the Village of Libertyville maintains a website that contains materials and resources related to stormwater management. The website includes a webpage that provides information about Illinois EPA's NPDES Stormwater Program, information about the Village of Libertyville's stormwater management program, including its SMPP, NOI, MS4 Permit, and Annual Reports, and links to a number of other stormwater management-related resources, including the Lake County Stormwater Management Commission's website.

Measurable Goals, including frequencies

Maintain and update the portion of the Village of Libertyville website dedicated to its stormwater management program.

Milestones

Year 1: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 2: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 3: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 4: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 5: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Additional Info

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

[Empty box for BMP Number]

**B. Public Participation/Involvement**

Approximate date first implemented: March 2003 Frequency of each BMP program: Annually (at a minimum)

Qualifying Local Programs

As part of its stormwater management program, the Village of Libertyville conducts a number of Public Participation/Involvement activities that involve and engage the public in the implementation of its stormwater management program. In coordination and collaboration with the QLP, the Village of Libertyville will continue to perform activities related to the Public Education and Outreach MCM. These activities include BMPs: B.3, B.4, B.6 and B.7.

The Village also shares responsibility for the implementation of its stormwater management program with the Lake County Stormwater Management Commission (SMC). The SMC serves as a Qualifying Local Program (QLP) for Lake County MS4s and performs activities related to each of the six MCMs described in the MS4 Permit, including activities related to Public Participation / Involvement. The SMC's QLP activities are detailed at the link provided below.

<https://www.lakecountyil.gov/DocumentCenter/View/12591/03-QLP-Activities-042516?bidId=>

Measurable Goals (include shared responsibilities)

B.2 Educational Volunteer

B.3 Stakeholder Meeting

Brief Description of BMP

Watershed stakeholder meetings are regularly held throughout Lake County as part of new and/or ongoing watershed planning and/or project implementation efforts. When the Village of Libertyville is a stakeholder in a watershed planning and/or project implementation effort (i.e. any part of the MS4 is located within the boundaries of a watershed subject to a planning and/or project implementation effort), the Village of Libertyville participates in scheduled stakeholder meetings and publicizes the meetings to encourage other stakeholders (i.e. homeowner associations, lakes management associations, landowners) to participate.

Measurable Goals, including frequencies

As appropriate, attend and provide notice of stakeholder meetings on Village of Libertyville website.

Milestones

- Year 1: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.
- Year 2: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.
- Year 3: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.
- Year 4: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.
- Year 5: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Additional Info

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

B.4 Public Hearing

Brief Description of BMP

The Village of Libertyville coordinates and conducts public meetings as well as committee meetings that are open to the public. A seven member commission appointed for staggered five year terms makes recommendations to the Village Board of Trustees based on the Village's Comprehensive Plan and Zoning Code concerning development, and on zoning issues, appeals and variances. The Plan Commission/Zoning Board of Appeals meets on the fourth Monday of each month at 7 p.m. The Zoning Board of Appeals also meets on the second Monday of each month at 7 p.m. to hear and make recommendations to the Village Board of Trustees on single family residential requests at the Village Hall, 118 W. Cook Avenue, Libertyville, IL. The Mayor and six Board of Trustees meet on the second and fourth Tuesday of each month to review the project recommendations from Village Committees. All meetings are open to the public and involve the Village Board of Trustees, Planning Commission and Zoning Board of Appeals, which includes the seven members of the Committees of the Board publicly elected representatives. Periodically, information about the Village of Libertyville's stormwater management program is presented at such meetings.

Measurable Goals, including frequencies

The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Milestones

- Year 1: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.
- Year 2: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.
- Year 3: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.
- Year 4: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.
- Year 5: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Additional Info

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

B.5 Volunteer Monitoring

B.6. Program Involvement

**Brief Description of BMP**

SMC serves as a Qualifying Local Program (QLP) for all Lake County MS4s. In this role, in 2002, SMC proactively formed the Municipal Advisory Committee (MAC) to provide a forum for representatives of local MS4s to discuss, among other topics, the implementation of Illinois EPA's NPDES Stormwater Program. SMC plans to continue to facilitate quarterly MAC meetings to bring Lake County MS4s together to discuss the implementation of Illinois EPA's NPDES Stormwater Program. The Village of Libertyville will continue to attend and participate in the quarterly MAC meetings.

**Measurable Goals, including frequencies**

The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

**Milestones**

Year 1: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 2: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 3: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 4: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 5: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

**Additional Info**

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

B.7 Other Public Involvement

**Brief Description of BMP**

The Village of Libertyville provides and publicizes a phone number that the public can use to submit information about stormwater-related problems and concerns. The Village of Libertyville documents and tracks the resolutions of problems and complaints reported by the public, including reports of illicit discharges and illegal dumping.

**Measurable Goals, including frequencies**

The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

**Milestones**

Year 1: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 2: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

- Year 3: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.
- Year 4: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.
- Year 5: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Additional Info

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

**C. Illicit Discharge Detection and Elimination**

Approximate date first implemented: March 2003 Frequency of each BMP program: Annually (at a minimum)

Qualifying Local Programs

As part of its stormwater management program, the Village of Libertyville conducts a number of activities related to Illicit Discharge Detection and Elimination. In accordance with the permit, the Village of Libertyville's Illicit Discharge Detection and Elimination program includes:

- 1) A storm sewer system map showing the locations of all outfalls and the names and locations of all waters that receive discharges from those outfalls;
- 2) An ordinance or other regulatory mechanism that prohibits all non-stormwater discharges into the storm sewer system and provides the authority for appropriate enforcement procedures and actions;
- 3) A plan to detect and address all non-stormwater discharges, including illegal dumping, into the storm sewer system;
- 4) A program to educate public employees, businesses, and the general public about the hazards associated with illegal discharges and improper disposal of waste; and,
- 5) Periodic inspection of storm sewer outfalls for detection of non-stormwater discharges and illegal dumping.

In coordination and collaboration with the QLP, the Village of Libertyville will continue to perform activities related to the Illicit Discharge Detection and Elimination MCM, as described below. Note that although the Village of Libertyville intends to share responsibility for the implementation of the Illicit Discharge Detection and Elimination MCM with the QLP, as outlined in this NOI, the primary responsibility for the implementation of the Illicit Discharge Detection and Elimination MCM lies with the Village of Libertyville. These activities include BMPs: C.1, C.2, C.3, C.4, C.5, C.6, C.7, C.9 and C.10.

The Village also shares responsibility for the implementation of its stormwater management program with the Lake County Stormwater Management Commission (SMC). The SMC serves as a Qualifying Local Program (QLP) for Lake County MS4s and performs activities related to each of the six MCMs described in the MS4 Permit, including activities related to Illicit Discharge Detection and Elimination. The SMC's QLP activities are detailed at the link provided below.

<https://www.lakecountyil.gov/DocumentCenter/View/12591/03-QLP-Activities-042516?bidId=>

C.1 Sewer Map Preparation

Brief Description of BMP

The Village of Libertyville has prepared a storm sewer system map showing the locations of all outfalls and the names and locations of all waters that receive discharges from those outfalls. The storm sewer system map is periodically maintained and updated to include outfalls associated with development projects and any previously unidentified outfalls.

Measurable Goals (include shared responsibilities)

Measurable Goals, including frequencies

Maintain and update storm sewer system map.

Milestones

Year 1: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 2: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 3: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 4: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 5: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Additional Info

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

Empty rectangular box for additional information.

C.2 Regulatory Control Program

Brief Description of BMP

The Village of Libertyville has adopted an illicit discharge ordinance that prohibits all non-stormwater discharges into the storm sewer system and provides the authority for appropriate enforcement procedures and actions. In addition, the Watershed Development Ordinance (WDO) includes provisions that prohibit illicit discharges to the storm sewer system during construction (i.e. prior to final site stabilization) on development sites.

Measurable Goals, including frequencies

Continue to administer and enforce the illicit discharge ordinance. Continue to administer and enforce the WOO.

Milestones

Year 1: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 2: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 3: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 4: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 5: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Additional Info

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

C.3 Detection/Elimination Prioritization Plan

**Brief Description of BMP**

The Village of Libertyville has developed and implemented a plan to detect and address all non-stormwater discharges, including illegal dumping, into the storm sewer system. Methods used to detect illicit discharges include periodic visual dry weather screening, employee reporting, and public reporting. Outfalls with suspicious discharges are assessed to determine whether or not flow is observed and whether or not any indicators of an illicit discharge are present. The results of each inspection are recorded on a form, and based on such results, appropriate follow-up actions are prescribed. Such follow-up actions may include additional inspections, additional water quality sampling and analysis, source tracking, and source removal. Follow-up activities are generally prioritized based on the scope and magnitude of the associated illicit discharge.

**Measurable Goals, including frequencies**

Conduct annual inspections of storm sewer outfalls for detection of illicit discharges. Continue to investigate potential illicit discharges identified by employees conducting day-to-day activities and operations (e.g. storm sewer cleaning and maintenance). Continue to investigate potential illicit discharges identified through public reporting.

**Milestones**

Year 1: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 2: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 3: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 4: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 5: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

**Additional Info**

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

C.4 Illicit Discharge Tracing Procedures

**Brief Description of BMP**

The Village of Libertyville has developed procedures for tracking illicit discharges to their source. Methods that can be used to track illicit discharges to their source include drainage area investigations, storm sewer network investigations, and on-site investigations, which may involve smoke testing, dye testing, and/or video inspection to pinpoint the exact source of an illicit discharge. When an illicit discharge is identified, appropriate source tracking procedures are selected and used to track the discharge to its source.

**Measurable Goals, including frequencies**

As needed, implement procedures for tracking illicit discharges to their source.

**Milestones**

Year 1: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

- Year 2: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.
- Year 3: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.
- Year 4: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.
- Year 5: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Additional Info

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

C.5 Illicit Source Removal Procedures

Brief Description of BMP

The Village of Libertyville has developed procedures for removing illicit discharges from the storm drain system once they have been tracked to their source. These procedures generally include: using an independent third-party to confirm the presence of an illicit discharge; notifying the landowner of the presence of an illicit discharge; requesting and conducting a site inspection with the landowner to pinpoint the source of the illicit discharge and to identify potential remedial actions; notifying the landowner of the need to take corrective action; and, if necessary, enforcing the provisions of the illicit discharge ordinance to have the illicit discharge removed from the storm sewer system.

Measurable Goals, including frequencies

As needed, implement procedures for removing illicit discharges from the storm drain system.

Milestones

- Year 1: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.
- Year 2: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.
- Year 3: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.
- Year 4: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.
- Year 5: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Additional Info

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

C.6 Program Evaluation and Assessment

Brief Description of BMP

The Village of Libertyville periodically evaluates and assesses the effectiveness of its Illicit Discharge Detection and Elimination program. This evaluation is generally based on the results of the Village of Libertyville's visual dry weather screening program and on the number of non-stormwater discharges and illegal dumping incidents identified through both employee and public reporting. If the Village of Libertyville's Illicit Discharge Detection and Elimination program is

effective, it is logical to assume that, over time, the number of non-stormwater discharges and illegal dumping incidents identified through visual dry weather screening, employee reporting, and public reporting will decline.

Measurable Goals, including frequencies

Conduct annual evaluation and assessment of illicit discharge detection and elimination program.

Milestones

Year 1: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 2: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 3: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 4: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 5: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Additional Info

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

C.7 Visual Dry Weather Screening

Brief Description of BMP

In accordance with the permit, the Village of Libertyville conducts periodic inspections of storm sewer outfalls for detection of non-stormwater discharges and illegal dumping. During such inspections, outfalls are assessed to determine whether or not flow is observed and whether or not any indicators of an illicit discharge are present. The results of each inspection are recorded on a form, and based on such results, appropriate follow-up actions are prescribed. Such follow-up actions may include additional inspections, additional water quality sampling and analysis, source tracking, and source removal. Follow-up activities are generally prioritized based on the scope and magnitude of the associated illicit discharge.

Measurable Goals, including frequencies

Conduct annual inspections of storm sewer outfalls for detection of illicit discharges.

Milestones

Year 1: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 2: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 3: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 4: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 5: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Additional Info

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

C.8 Pollutant Field Testing

C.9 Public Notification

**Brief Description of BMP**

The Village of Libertyville provides and publicizes a phone number that the public can use to submit information about stormwater-related problems and concerns. The Village of Libertyville documents and tracks the resolutions of problems and complaints reported by the public, including reports of illicit discharges and illegal dumping.

**Measurable Goals, including frequencies**

Provide phone number that the public can use to submit information about stormwater-related problems and concerns, including illicit discharges. As needed, follow up on reports of illicit discharges and illegal dumping received from the public.

**Milestones**

Year 1: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 2: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 3: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 4: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 5: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

**Additional Info**

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

C.10 Other Illicit Discharge Controls

**Brief Description of BMP**

As part of its Public Education and Outreach program, the Village of Libertyville distributes informational materials to businesses and the general public about the hazards associated with illegal discharges and the improper disposal of waste.

**Measurable Goals, including frequencies**

Distribute informational materials about the hazards of illicit discharges and illegal dumping from "take away" rack at Library, Village Hall, Building and Zoning, Public Works and Engineering Departments and through the Village of Libertyville website.

**Milestones**

Year 1: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 2: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

- Year 3: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.
- Year 4: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.
- Year 5: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Additional Info

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

**D. Construction Site Runoff Control**

Approximate date first implemented: March 2003 Frequency of each BMP program: Annually (at a minimum)

Qualifying Local Programs

Lake County has adopted a county-wide Watershed Development Ordinance (WDO) that establishes the minimum stormwater management requirements for development in Lake County. The WDO, which is administered and enforced within the Village of Libertyville. Although the Village of Libertyville intends to share responsibility for the implementation of the Construction Site Runoff Control MCM with the QLP, as outlined in this NOI, the primary responsibility for the implementation of the Construction Site Runoff Control MCM lies with the MS4, as the Village of Libertyville is currently a Certified Community as defined by the WDO. These activities include BMPs: D.1, D.2, D.3, D.4, D.5, D.6 and D.7.

The Village also shares responsibility for the implementation of its stormwater management program with the Lake County Stormwater Management Commission (SMC). The SMC serves as a Qualifying Local Program (QLP) for Lake County MS4s and performs activities related to each of the six MCMs described in the MS4 Permit, including activities related to Construction Site Runoff Control. The SMC's QLP activities are detailed at the link provided below.

<https://www.lakecountyil.gov/DocumentCenter/View/12591/03-QLP-Activities-042516?bidId=>

D.1 Regulatory Control Program

Brief Description of BMP

The WDO is the regulatory mechanism that requires the use of soil erosion and sediment controls on development sites throughout Lake County. The soil erosion and sediment control provisions of the WDO are included in Article 6. of the ordinance. At a minimum, these standards apply to any development project that hydrologically disturbs 5,000 square feet of land or more. As a Certified Community, the Village of Libertyville is responsible for the administration and enforcement of the WDO within the Village of Libertyville.

Measurable Goals, including frequencies

Continue to administer and enforce the WDO.

Milestones

- Year 1: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.
- Year 2: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.
- Year 3: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.
- Year 4: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Measurable Goals (include shared responsibilities)

Year 5: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Additional Info

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

[Empty box for additional information]

D.2 Erosion and Sediment Control BMPs

Brief Description of BMP

Article 6 of the WDO specifies the soil erosion and sediment control measures that must be used in conjunction with any land disturbing activities conducted on a development site. It specifies the use of a variety of soil erosion and sediment control BMPs including: minimize soil disturbance; protect adjoining properties from erosion and sedimentation; complete installation of soil erosion and sediment control features prior to commencement of hydro logic disturbance; stabilize disturbed areas within 7 days of active disturbance; avoid disturbance of streams whenever possible; use controls that are appropriate for the size of the tributary drainage area; protect functioning storm sewers from sediment; prevent sediment from being tracked onto adjoining streets; limit earthen embankments to slopes of 3H:1V; identify soil stockpile areas; and utilize statewide standards and specifications as guidance for soil erosion and sediment control. As a Certified Community, the Village of Libertyville is responsible for the administration and enforcement of the WDO within the Village of Libertyville.

Measurable Goals, including frequencies

Continue to administer and enforce the WDO.

Milestones

Year 1: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 2: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 3: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 4: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 5: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Additional Info

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

[Empty box for additional information]

D.3 Other Waste Control Program

Brief Description of BMP

Article 6 of the WDO includes provisions related to the control of waste and debris during construction on development sites. As a Certified Community, the Village of Libertyville is responsible for the administration and enforcement of the WDO within the Village of Libertyville.

Measurable Goals, including frequencies

Continue to administer and enforce the WDO.

Milestones

Year 1: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 2: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 3: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 4: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 5: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Additional Info

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

D.4 Site Plan Review Procedures

Brief Description of BMP

A community's designated enforcement officer is responsible for reviewing and permitting development plans and for administering and enforcing the provisions of the WDO. Within certified communities (i.e. communities certified by SMC to administer and enforce the provisions of the WDO), responsibility for reviewing and permitting development plans and for administering and enforcing the provisions of the WDO lies with the MS4; within non-certified communities, the designated enforcement officer is SMC's chief engineer. Since the Village of Libertyville is a Certified Community, the Village of Libertyville's designated enforcement officer is responsible for reviewing and permitting development plans and for administering and enforcing the provisions of the WDO within the Village of Libertyville.

Measurable Goals, including frequencies

Continue to administer and enforce the WDO.

Milestones

Year 1: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 2: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 3: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 4: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 5: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Additional Info

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

D.5 Public Information Handling Procedures

Brief Description of BMP

The Village of Libertyville provides and publicizes a phone number that the public can use to submit information about stormwater-related problems and concerns. The Village of Libertyville documents and tracks the resolutions of problems and complaints reported by the public, including reports of soil erosion and sediment control issues on development sites. Since the Village of Libertyville is a Certified Community, the Village of Libertyville's designated enforcement officer is responsible for investigating reports of soil erosion and sediment control issues on development sites within the Village of Libertyville.

Measurable Goals, including frequencies

Provide phone number that the public can use to submit information about stormwater-related problems and concerns, including soil erosion and sediment control issues. As needed, follow up on reports of soil erosion and sediment control issues received from the public.

Milestones

Year 1: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 2: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 3: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 4: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 5: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Additional Info

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

D.6 Site Inspection/Enforcement Procedures

Brief Description of BMP

Article 11 of the WDO contains both recommended and minimum requirements for the inspection of development sites. Within certified communities, the community's designated enforcement officer is responsible for conducting these inspections; within non-certified communities, SMC's chief engineer is responsible for conducting these inspections. Per the ordinance, these inspections may be conducted by a community's designated enforcement officer at any stage in the construction process. For major developments, as defined by the WDO, the enforcement officer conducts site inspections, at a minimum, upon completion of installation of soil erosion and sediment controls, prior to the start of any other land disturbing activities, and after final stabilization and landscaping, prior to the removal of soil erosion and sediment controls. Since the Village of Libertyville is a Certified Community, the Village of Libertyville's designated enforcement officer is responsible for conducting site inspections within the Village of Libertyville.

Article 12 of the WDO specifies the legal actions that may be taken and the penalties that may be imposed if the provisions of the WDO are violated. If development activities on a development site are not in compliance with the requirements of the WDO, the enforcement officer may issue a stop work order on all development activity on the development site or on the development activities that are in direct violation of the WDO. In addition, failure to comply with any of the requirements of the WDO constitutes a violation of the WDO, and any person convicted of violating the WDO may be fined.

Measurable Goals, including frequencies

Continue to administer and enforce the WDO.

Milestones

Year 1: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 2: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 3: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 4: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 5: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Additional Info

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

[Empty rectangular box for additional information]

D.7 Other Construction Site Runoff Controls

Brief Description of BMP

The Village of Libertyville has adopted detention and Best Management Practices (BMPs) requirements for any new impervious surface area greater than 200 square feet.

Measurable Goals, including frequencies

Provide detention and water quality within the Village of Libertyville.

Milestones

Year 1: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 2: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 3: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 4: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 5: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Additional Info

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

[Empty rectangular box for additional information]

**E. Post-Construction Runoff Control**

Approximate date first implemented: March 2003

Frequency of each BMP program: Annually (at a minimum)

**Qualifying Local Programs**

As described above, Lake County has adopted a county-wide Watershed Development Ordinance (WDO) that establishes the minimum stormwater management requirements for development in Lake County. The WDO, which is administered and enforced within the Village of Libertyville by the MS4. Although the Village of Libertyville intends to share responsibility for the implementation of the Post-Construction Runoff Control MCM with the QLP, as outlined in this NOI, the primary responsibility for the implementation of the Post-Construction Runoff Control MCM lies with the MS4, as the Village of Libertyville is currently a Certified Community, as defined by the WDO. These activities include BMPs: E.2, E.3, E.4, E.5 and E.6.

The Village also shares responsibility for the implementation of its stormwater management program with the Lake County Stormwater Management Commission (SMC). The SMC serves as a Qualifying Local Program (QLP) for Lake County MS4s and performs activities related to each of the six MCMs described in the MS4 Permit, including activities related to Post-Construction Runoff Control. The SMC's QLP activities are detailed at the link provided below.

<https://www.lakecountyil.gov/DocumentCenter/View/12591/03-QLP-Activities-042516?bidId=>

**Measurable Goals (include shared responsibilities)**

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

**Brief Description of BMP**

The WDO requires all applicants to adopt stormwater management strategies for controlling post-construction stormwater runoff on development sites. As outlined in Article 5, Section 503 of the WDO, all applicants must adopt stormwater management strategies that minimize increases in stormwater runoff rates, volumes, and pollutant loads from development sites. Proposed stormwater management strategies must address the runoff volume reduction requirements described in Article 5, Section 503 of the WDO and must include appropriate stormwater BMPs to address the other applicable post-construction runoff control requirements of the WDO. As a Certified Community, the Village of Libertyville is responsible for the administration and enforcement of the WDO within the Village of Libertyville.

**Measurable Goals, including frequencies**

Continue to administer and enforce the WDO.

**Milestones**

- Year 1: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.
- Year 2: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.
- Year 3: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.
- Year 4: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.
- Year 5: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

**Additional Info**

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

- E.3 Long Term O & M Procedures

**Brief Description of BMP**

The Village of Libertyville has developed long-term operation and maintenance procedures to help reduce the amount of pollution contained in post-construction stormwater runoff that enters the Village of Libertyville's storm sewer system. The procedures address both new and existing development.

The Village of Libertyville's long-term operation and maintenance procedures address new development via the WDO. The WDO requires that maintenance plans be developed for all stormwater management systems designed to serve major developments, as defined by the WDO. Such maintenance plans must include: a description of all maintenance tasks; an identification of the party or parties responsible for performing such maintenance tasks; a description of all permanent maintenance easements or access agreements, overland flow paths, and compensatory storage areas; and a description of dedicated sources of funding for the required maintenance. The WDO also requires that all stormwater management systems be located within a deed or plat restriction (e.g. easement) to ensure that the system remains in place in perpetuity and that access to the system is maintained in perpetuity for inspection and maintenance purposes. As a Certified Community, the Village of Libertyville is responsible for the administration and enforcement of the WDO within the Village of Libertyville.

The Village of Libertyville's long-term operation and maintenance procedures address existing development via an inspection and maintenance program. The Village of Libertyville periodically inspects all existing post-construction stormwater management facilities (e.g. detention facilities), including those that have a maintenance plan (i.e. facilities located within developments regulated by the WDO) as well as those that do not (i.e., facilities located within developments predating, and therefore not regulated by, the WDO), to identify any maintenance tasks and/or any repairs that need to be completed. Responsible parties are notified of the inspection results and of the need to complete any maintenance tasks or repairs.

**Measurable Goals, including frequencies**

Continue to administer and enforce the WDO. Conduct inspections of existing storm water management facilities on a five-year basis to identify the need for maintenance and/or repairs.

**Milestones**

Year 1: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 2: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 3: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 4: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 5: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

**Additional Info**

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

**E.4 Pre-Construction Review of BMP Designs**

**Brief Description of BMP**

As described above, a community's designated enforcement officer is responsible for reviewing and permitting development plans and for administering and enforcing the provisions of the WDO. This includes a review of the stormwater BMPs that will be used to meet the post-construction runoff control requirements of the WDO. Since the Village of Libertyville is a Certified Community, the Village of Libertyville's designated enforcement officer is responsible for reviewing and permitting development plans and for administering and enforcing the provisions of the WDO within the Village of Libertyville.

Measurable Goals, including frequencies

Continue to administer and enforce the WDO.

Milestones

Year 1: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 2: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 3: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 4: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 5: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Additional Info

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

[Empty rectangular box for BMP Number]

E.5 Site Inspections During Construction

Brief Description of BMP

As described above, Article 11 of the WDO contains both recommended and minimum requirements for the inspection of development sites. Per the ordinance, these inspections may be conducted by a community's designated enforcement officer at any stage in the construction process. For major developments, as defined by the WDO, the enforcement officer conducts site inspections, at a minimum, upon completion of installation of soil erosion and sediment controls, prior to the start of any other land disturbing activities, and after final stabilization and landscaping, prior to the removal of soil erosion and sediment controls. Since the Village of Libertyville is a Certified Community, the Village of Libertyville's designated enforcement officer is responsible for conducting site inspections within the Village of Libertyville.

Measurable Goals, including frequencies

Continue to administer and enforce the WDO.

Milestones

Year 1: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 2: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 3: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 4: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 5: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Additional Info

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

E.6 Post-Construction Inspections

**Brief Description of BMP**

As described above, Article 11 of the WDO contains both recommended and minimum requirements for the inspection of development sites. Per the ordinance, these inspections may be conducted by a community's designated enforcement officer at any stage in the construction process, including after final stabilization and landscaping, after the removal of soil erosion and sediment controls. For major developments, as defined by the WDO, the enforcement officer conducts site inspections, at a minimum, upon completion of installation of soil erosion and sediment controls, prior to the start of any other land disturbing activities, and after final stabilization and landscaping, prior to the removal of soil erosion and sediment controls. Since the Village of Libertyville is a Certified Community, the Village of Libertyville's designated enforcement officer is responsible for conducting site inspections within the Village of Libertyville.

**Measurable Goals, including frequencies**

Continue to administer and enforce the WDO.

**Milestones**

Year 1: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 2: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 3: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 4: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 5: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

**Additional Info**

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

E.7 Other Post-Construction Runoff Controls

## F. Pollution Prevention/Good Housekeeping

Approximate date first implemented: March 2003

Frequency of each BMP program: Annually (at a minimum)

### Qualifying Local Programs

In accordance with the permit, the Village of Libertyville has developed and implemented a Pollution Prevention/Good Housekeeping program to reduce the amount of pollution generated by municipal activities and operations. The program includes: an employee training program; an inspection and maintenance program that incorporates pollution prevention and good housekeeping practices into day-to-day activities and operations; stormwater pollution control and non-stormwater discharge control procedures; waste management and disposal procedures; and, spill prevention, control, and cleanup procedures.

In coordination and collaboration with the OLP, the Village of Libertyville will continue to perform activities related to the Pollution Prevention/Good Housekeeping minimum control measure, as described below. Note that although the Village of Libertyville intends to share responsibility for the implementation of the Pollution Prevention/Good Housekeeping MCM with the OLP, as outlined in this NOI, the primary responsibility for the implementation of the Pollution Prevention/Good Housekeeping MCM lies with the Village of Libertyville. These activities include BMPs: F.1, F.2, F.3, F.4 and F.6.

The Village also shares responsibility for the implementation of its stormwater management program with the Lake County Stormwater Management Commission (SMC). The SMC serves as a Qualifying Local Program (QLP) for Lake County MS4s and performs activities related to each of the six MCMs described in the MS4 Permit, including activities related to Pollution Prevention / Good Housekeeping. The SMC's QLP activities are detailed at the link provided below.

<https://www.lakecountyil.gov/DocumentCenter/View/12591/03-QLP-Activities-042516?bidId=>

### F.1 Employee Training Program

#### Brief Description of BMP

The Village of Libertyville has developed and implemented an employee training program to help educate employees about the impacts of the pollution generated by municipal activities and operations and the steps that they can take to reduce those impacts. The employee training program teaches employees about the following: the impacts of stormwater runoff on receiving water bodies; the activities and operations that may be sources of stormwater pollution and/or non-stormwater discharges; the roles and responsibilities of each department and each individual employee in reducing the amount of pollution generated by municipal activities and operations; selecting and implementing stormwater best management practices; and, managing and maintaining green infrastructure practices.

Employees are subjected to a software-based employee training program, which provides baseline training on municipal pollution prevention/good housekeeping and are encouraged to attend relevant training opportunities that appear on the list of known employee training resources and opportunities provided by the OLP. Additionally, the Village of Libertyville works to identify and develop employee training resources and opportunities that contain educational materials tailored to those activities and operations conducted by specific departments and employees.

#### Measurable Goals, including frequencies

Continue to develop and implement employee training program.

#### Milestones

Year 1: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 2: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 3: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 4: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 5: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Measurable Goals (include shared responsibilities)

Additional Info

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

F.2 Inspection and Maintenance Program

Brief Description of BMP

The Village of Libertyville regularly inspects and maintains municipally owned or operated properties and infrastructure, including streets, parking lots, stormwater management facilities, storm sewers, landscaped areas, and maintenance facilities. A primary goal of the inspection and maintenance program is to address municipal infrastructure repair and maintenance needs in a way that reduces the amount of pollution that collects or that is generated on municipally owned or operated properties. Consequently, the Village of Libertyville works to incorporate pollution prevention and good housekeeping into its day-to-day activities and operations.

Measurable Goals, including frequencies

Continue to implement inspection and maintenance program. Continue to incorporate pollution prevention and good housekeeping practices into day-to-day activities and operations.

Milestones

Year 1: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 2: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 3: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 4: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 5: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Additional Info

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

F.3 Municipal Operations Storm Water Control

Brief Description of BMP

As part of its pollution prevention/good housekeeping efforts, the Village of Libertyville has identified municipal activities and operations with the potential to cause stormwater pollution or result in a non-stormwater discharge (e.g. vehicle maintenance, winter roadway maintenance). Through its employee training and operation and maintenance programs, the Village of Libertyville works to incorporate pollution prevention and good housekeeping practices into these activities and operations.

Measurable Goals, including frequencies

Continue to incorporate pollution prevention and good housekeeping practices into day-to-day activities and operations.

Milestones

Year 1: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

- Year 2: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.
- Year 3: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.
- Year 4: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.
- Year 5: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Additional Info

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

F.4 Municipal Operations Waste Disposal

Brief Description of BMP

Waste management consists of implementing non-structural (i.e. procedural) and structural pollution prevention and good housekeeping practices for handling, storing, and disposing of wastes generated by municipal activities and operations. Through its employee training and operation and maintenance programs, the Village of Libertyville works to incorporate these waste management practices into its day-to-day activities and operations to prevent the release of waste into the storm sewer system.

Measurable Goals, including frequencies

Continue to incorporate waste management practices into day-to-day activities and operations.

Milestones

- Year 1: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.
- Year 2: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.
- Year 3: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.
- Year 4: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.
- Year 5: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Additional Info

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

F.5 Flood Management/Assess Guidelines

F.6 Other Municipal Operations Controls

Brief Description of BMP

The Village of Libertyville has developed spill prevention, control, and cleanup procedures to prevent and respond to spills that result from municipal activities and operations. Through its employee training and operation and maintenance

programs, the Village of Libertyville works to incorporate these spill prevention, control, and cleanup procedures into its day-to-day activities and operations to prevent the release of spills into the storm sewer system.

**Measurable Goals, including frequencies**

Continue to incorporate spill prevention, control, and cleanup procedures into day-to-day activities and operations.

**Milestones**

Year 1: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 2: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 3: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 4: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

Year 5: The Village of Libertyville began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

**Additional Info**

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

**BMPs Currently Implemented and Proposed**

| BMP Number | Location |
|------------|----------|
|            |          |

**Approximate Pollutant Reduction Resulting from each BMP**

| BMP Number | Pollutant | Reduction |
|------------|-----------|-----------|
|            |           |           |

**Instream Monitoring Program**

Is there an instream monitoring program currently in place?     Yes     No

Is an instream monitoring program currently being proposed?     Yes     No

**Sediment Monitoring**

Is sediment monitoring currently taking place?     Yes     No

**Sample Monitoring of Outfalls**

Is sample monitoring of outfalls currently taking place?     Yes     No

**Other Monitoring**

Describe other types of monitoring implemented or proposed to evaluate the BMP effectiveness or water quality impact of stormwater.

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 Kendzior

Director of Public Works

Authorized Representative Name

Title



2/19/21  
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

Information required by this form must be provided to comply with 415 ILCS 5/39 (2000). Failure to do so may prevent this form from being processed and could result in your application being denied.