

**Director**  
Sean P. Dorsey



**Deputy Director**  
Jason H. Leib

## **Mount Prospect Public Works Department**

1700 W. Central Road, Mount Prospect, Illinois 60056-2229

May 22, 2020

Illinois Environmental Protection Agency  
Water Pollution Control  
Compliance Assurance Section #19  
1021 North Grand Avenue East  
Post Office Box 19276  
Springfield, Illinois 62794-9276

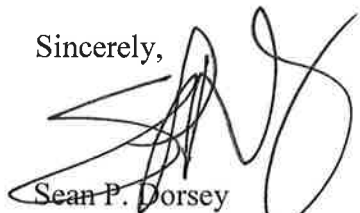
**Re: NPDES Phase II- Year 17 Annual Report  
Village of Mount Prospect  
ILR40-0393**

To Whom It May Concern:

On behalf of the Village of Mount Prospect, please find attached a completed IEPA Annual Facility Inspection Report for Storm Water Discharges from Municipal Separate Storm Sewer Systems (MS4) with supplemental information.

If you should have any questions or require additional information, please call our Environmental Consultant, Mr. Peter Stoehr at (847) 325-7318.

Sincerely,



Sean P. Dorsey  
Director of Public Works

cc: Peter Stoehr, Manhard Consulting (1 Overlook Point, Suite 290, Lincolnshire, IL 60069)



# Illinois Environmental Protection Agency

Bureau of Water • 1021 N. Grand Avenue E. • P.O. Box 19276 • Springfield • Illinois • 62794-9276

## Division of Water Pollution Control ANNUAL FACILITY INSPECTION REPORT

### for NPDES Permit for Storm Water Discharges from Separate Storm Sewer Systems (MS4)

*This fillable form may be completed online, a copy saved locally, printed and signed before it is submitted to the Compliance Assurance Section at the above address. Complete each section of this report.*

Report Period: From March, 2019 To March, 2020

Permit No. ILR40 0393

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

Name: Mount Prospect Mailing Address 1: 1700 West Central Road  
Mailing Address 2: \_\_\_\_\_ County: Cook  
City: Mount Prospect State: IL Zip: 60056 Telephone: 847-870-5640  
Contact Person: Sean P. Dorsey Email Address: SDorsey@mountprospect.org  
(Person responsible for Annual Report)

#### Name(s) of governmental entity(ies) in which MS4 is located: (As it appears on the current permit)

Cook County  
Mount Prospect

#### THE FOLLOWING ITEMS MUST BE ADDRESSED.

A. Changes to best management practices (check appropriate BMP change(s) and attach information regarding change(s) to BMP and measurable goals.)

- |                                              |                          |                                           |                          |
|----------------------------------------------|--------------------------|-------------------------------------------|--------------------------|
| 1. Public Education and Outreach             | <input type="checkbox"/> | 4. Construction Site Runoff Control       | <input type="checkbox"/> |
| 2. Public Participation/Involvement          | <input type="checkbox"/> | 5. Post-Construction Runoff Control       | <input type="checkbox"/> |
| 3. Illicit Discharge Detection & Elimination | <input type="checkbox"/> | 6. Pollution Prevention/Good Housekeeping | <input type="checkbox"/> |

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

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

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

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

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

**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))**

  
Owner Signature:

Sean P. Dorsey

Printed Name:

MAY 22, 2020  
Date:

Director of Public Works

Title:

EMAIL COMPLETED FORM TO: [epa.ms4annualinsp@illinois.gov](mailto:epa.ms4annualinsp@illinois.gov)

or Mail to: ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
WATER POLLUTION CONTROL  
COMPLIANCE ASSURANCE SECTION #19  
1021 NORTH GRAND AVENUE EAST  
POST OFFICE BOX 19276  
SPRINGFIELD, ILLINOIS 62794-9276

This Agency is authorized to require this information under Section 4 and Title X of the Environmental Protection Act (415 ILCS 5/4, 5/39). Failure to disclose this information may result in: a civil penalty of not to exceed \$50,000 for the violation and an additional civil penalty of not to exceed \$10,000 for each day during which the violation continues (415 ILCS 5/42) and may also prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.

# **MS4 Annual Facility Inspection Report**

**Illinois Environmental Protection Agency  
National Pollutant Discharge Elimination System Phase II**

**Village of Mount Prospect  
Permit No. ILR40-0393**



**Permit Year 17: March 2019 to February 2020**

*Prepared by  
Manhard Consulting  
1 Overlook Point Suite 290  
Lincolnshire, IL 60069*



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## Part A. Village Changes to Best Management Practices, Year 17

Information regarding the status of all of the BMPs and measurable goals described in the Village's SWMP is provided in the following table.

Note: X indicates BMPs that were implemented in accordance with the Village's draft SWMP  
 ✓ indicates BMPs that were changed during Year 17

Year 17 Mount Prospect		Year 17 Mount Prospect	
<b>A. Public Education and Outreach</b>		<b>D. Construction Site Runoff Control</b>	
X	A.1 Distributed Paper Material	X	D.1 Regulatory Control Program
	A.2 Speaking Engagement		D.2 Erosion and Sediment Control BMPs
	A.3 Public Service Announcement		D.3 Other Waste Control Program
X	A.4 Community Event	X	D.4 Site Plan Review Procedures
	A.5 Classroom Education Material	X	D.5 Public Information Handling Procedures
X	A.6 Other Public Education		D.6 Site Inspection/Enforcement Procedures
		X	D.7 Other Construction Site Runoff Controls
<b>B. Public Participation/Involvement</b>		<b>E. Post-Construction Runoff Control</b>	
	B.1 Public Panel		E.1 Community Control Strategy
X	B.2 Educational Volunteer	X	E.2 Regulatory Control Program
	B.3 Stakeholder Meeting	X	E.3 Long Term O&M Procedures
X	B.4 Public Hearing	X	E.4 Pre-Const Review of BMP Designs
	B.5 Volunteer Monitoring	X	E.5 Site Inspections During Construction
	B.6 Program Coordination	X	E.6 Post-Construction Inspections
X	B.7 Other Public Involvement		E.7 Other Post-Const Runoff Controls
		<b>F. Pollution Prevention/Good Housekeeping</b>	
<b>C. Illicit Discharge Detection and Elimination</b>		X	F.1 Employee Training Program
X	C.1 Storm Sewer Map Preparation	X	F.2 Inspection and Maintenance Program
X	C.2 Regulatory Control Program		F.3 Municipal Operations Storm Water Control
X	C.3 Detection/Elimination Prioritization Plan	X	F.4 Municipal Operations Waste Disposal
X	C.4 Illicit Discharge Tracing Procedures		F.5 Flood Management/Assess Guidelines
X	C.5 Illicit Source Removal Procedures	X	F.6 Other Municipal Operations Controls
	C.6 Program Evaluation and Assessment		
X	C.7 Visual Dry Weather Screening		
	C.8 Pollutant Field Testing		
X	C.9 Public Notification		
	C.10 Other Illicit Discharge Controls		

No changes were made to the Best Management Practices described in the Village's SWMP during Year 17.

## **Part B. Village Status of Compliance with Permit Conditions, Year 17**

### **Stormwater Management Activities, Year 17**

The stormwater management activities that the Village of Mount Prospect performed during Year 17, including the Village's BMPs and measurable goals, are described in detail in the Village's Storm Water Management Plan (SWMP). The SWMP can be found online at <https://www.mountprospect.org/SWMP>. A brief summary of the status of the Village's SWMP, as of the end of Year 17, is provided below. Documentation of the Village's implementation of the SWMP is provided in Part C.

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

The Village is committed to implementing the Public Education and Outreach component of its SWMP. The Public Education and Outreach program includes the distribution of educational material to the community and conducting outreach activities about the impacts of storm water discharges on water bodies and the steps that the public can take to reduce pollutants to storm water runoff. The Village commits to implementation of BMPs as described below.

##### **A.1 Distribute Paper Material**

The Village makes various informational materials available to its residents at take-away racks in Village offices. Topics include information on recycling, SWANCC, solid waste services, computer & electronics recycling, leaf collection, battery recycling, information on trees, catch basin care, and pollutants - sources and impacts and prescription drug disposal.

*Measurable Goal(s): Continue existing practice. Implement and track progress of BMPs as described in the SWMP.*

*Status: The Village continues to implement the BMP described above and outlined in the Village's SWMP.*

##### **A.4 Community Event**

The Village hosts several community events such as Arbor Day, Earth Day and a Public Works Open House.

*Measurable Goal(s): Continue existing practice. Implement and track progress of BMPs as described in the SWMP.*

*Status: The Village continues to implement the BMP described above and outlined in the Village's SWMP.*

##### **A.6 Other Public Education**

The Village has a Public Works Facility Tour open to school children to teach them about Public Works services and provide education on storm water pollution prevention control.

*Measurable Goal(s): Continue existing practice. Implement and track progress of BMPs as described in the SWMP.*

*Status: The Village continues to implement the BMP described above and outlined in the Village's SWMP.*

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

### **B.2 Educational Volunteer**

The Village has an education volunteer program in which public works staff educates children's classes and multi-family unit owners on pollution prevention issues as requested.

*Measurable Goal: Continue to implement the BMP described above and outlined in the Village's SWMP.*

*Status: The Village continues to implement the BMP described above and outlined in the Village's SWMP.*

### **B.4 Public Hearing**

The Village holds a public meeting in which the Public Works department provides an annual report to the board and public on storm water management.

*Measurable Goal(s): Continue existing practice. Implement and track progress of BMPs as described in the SWMP.*

*Status: The Village continues to implement the BMP described above and outlined in the Village's SWMP.*

### **B.7 Other Public Involvement**

Other public involvement the Village has includes:

- Two residential recycling programs. The first was established to allow residents to recycle materials at no additional cost. The second is a commercial recycling program established for local businesses to reduce their contribution to landfills.
- The Village has hosts a "coffee with the council" meeting which provides an open forum to residents to discuss any issues with the Village council on a monthly basis.
- The Village hosts a tree planting program in which residents can request new trees for the parkway and share in the cost.

*Measurable Goal(s): Continue existing practice. Implement and track progress of BMPs as described in the SWMP.*

*Status: The Village continues to implement the BMP described above and outlined in the Village's SWMP.*

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

The Village of Mount Prospect implements program activities related to the Illicit Discharge Detection and Elimination (IDDE) minimum control.

### **C.1 Storm Sewer System Map**

The Village prepared an outfall map to allow for tracking of dry weather flow inspections and outfall maintenance.

*Measurable Goal(s): Review and update as needed. Implement and track progress of BMPs as described in the SWMP.*

*Status: The Village continues to implement the BMP described above and outlined in the*

*Village's SWMP. The Village has continued to modify and update the storm sewer atlas as further information is gathered to provide more detail and as new development occurs.*

### **C.2 Regulatory Control Program**

The Village has an Illicit Discharge Ordinance that is reviewed and updated due to illegal and/or illicit discharges to storm sewer systems or water courses.

*Measurable Goal(s): Review and update as needed. Implement, and track progress, of BMPs as described in the SWMP.*

*Status: The Village continues to implement the BMP described above and outlined in the Village's SWMP.*

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

The Village currently implements the Illicit Detection/Elimination Plan which provides the Village with requirements to reported illicit discharges.

*Measurable Goal(s): Maintain current program. Implement and track progress of BMPs as described in the SWMP.*

*Status: The Village continues to implement the BMP described above and outlined in the Village's SWMP.*

### **C.4 Illicit Discharge Tracing Procedures**

The Village regularly inspects storm sewers for illicit discharges. These inspections occur during regular operations and maintenance and also during new construction. Storm sewers are televised on a 10-year cycle.

*Measurable Goal(s): Continue existing program. Implement and track progress of BMPs as described in the SWMP.*

*Status: The Village continues to implement the BMP described above and outlined in the Village's SWMP.*

### **C.5 Illicit Source Removal Procedures**

The Village notifies the Metropolitan Water Reclamation District (MWRD) of illegal discharge and works with them to resolve the issue.

*Measurable Goal(s): Maintain current program. Implement and track progress of BMPs.*

*Status: The Village continues to implement the BMP described above and outlined in the Village's SWMP.*

### **C.7 Dry Weather Screening**

Dry weather screenings are conducted annually.

*Measurable Goal(s): Maintain existing practice. Implement and track progress of BMPs.*

*Status: The Village continues to implement the BMP described above and outlined in the Village's SWMP.*

### **C.9 Public Notification**

Promote call-in procedures for observed illicit discharges in the Village newsletter and online.



*Measurable Goal(s): Maintain existing practice. Implement and track progress of BMPs.*

*Status: The Village continues to implement the BMP described above and outlined in the Village's SWMP.*

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

### **D.1. Regulatory Control Program**

The Village educates stakeholders (developers and contractors) on the current codes on the village website (<https://www.mountprospect.org/departments/public-works>). Guidance reference materials are available upon request.

*Measurable Goal(s): Maintain current program to educate stakeholders.*

*Status: The Village continues to implement the BMP described above and outlined in the Village's SWMP.*

### **D.4 Site Plan Review Procedures**

The Village implements a Storm Water Runoff Site Review. Current practice include reviewing construction plans and erosion control is required on all projects. Code variances require a public hearing. All staff are trained for plan reviews.

*Measurable Goal(s): Maintain current plan review procedures and staff.*

*Status: The Village continues to implement the BMP described above and outlined in the Village's SWMP.*

### **D.5 Public Information Handling Procedures**

Installation/Inspection Training: Plan reviewers are licensed PE's with professional training in NPDES requirements. The plan reviewer is the direct supervisor for the project inspector who performs the field visits on the construction sites.

Site inspection and enforcement: Construction sites are currently inspected once a week or more as needed and those that do not comply are shut down.

*Measurable Goal(s): Continue current inspection procedures.*

*Status: The Village continues to implement the BMP described above and outlined in the Village's SWMP.*

### **D.7 Other Construction Site Runoff Controls**

The Village implements Utility Construction Parkway Restoration as required by Village code. Requirements are strictly enforced.

*Measurable Goal(s): Continue existing utility work permit program.*

*Status: The Village continues to implement the BMP described above and outlined in the Village's SWMP.*

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

### **E.2 Regulatory Control Program**

The Village educates stakeholders (developers and contractors) on the current codes on the village

website (<https://www.mountprospect.org/departments/public-works>). Guidance reference materials are available upon request.

*Measurable Goal(s): Maintain current program to educate stakeholders.*

*Status: The Village continues to implement the BMP described above and outlined in the Village's SWMP.*

### **E.3 Long Term O&M Procedures**

The Village implements a structural BMP maintenance ordinance. The ordinance addresses long term structural BMP maintenance.

*Measurable Goal(s): Maintain current ordinance and enforcement procedures.*

*Status: The Village continues to implement the BMP described above and outlined in the Village's SWMP.*

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

The Village reviews proposed BMP designs. Permanent storm water BMPs required on construction projects and plans are currently reviewed. Any code variances require a public hearing. The Village Staff is fully trained.

*Measurable Goal(s): Maintain current review practices.*

*Status: The Village continues to implement the BMP described above and outlined in the Village's SWMP.*

### **E.5 Site Inspections During Construction**

BMP installation and Inspection Training: The Village staff is trained as new requirements for construction are implemented.

Site inspection and enforcement: The Village staff currently inspects construction sites and shuts down projects that do not meet code.

*Measurable Goal(s): Maintain current training practices and continue existing inspection and code enforcement program.*

*Status: The Village continues to implement the BMP described above and outlined in the Village's SWMP.*

### **E.6 Post-Construction Inspections**

The Village performs retention/detention pond inspections twice a year.

*Measurable Goal(s): Inspect detention/retention ponds twice a year.*

*Status: The Village continues to implement the BMP described above and outlined in the Village's SWMP.*

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

The Village is committing to implementing the Pollution Prevention/Good Housekeeping component of its stormwater management program. The Village's Pollution Prevention/Good Housekeeping program includes an evaluation and improvement of municipal policies and procedures to reduce the discharge of pollutants from municipal activities and operations; and a training program for municipal employees.

### **F.1 Employee Training Program**

The Village provides several employee training programs for its staff.

*Measurable Goal(s): Continue practice. Implement and track progress of BMPs.*

*Status: The Village continues to implement the BMP described above and outlined in the Village's SWMP.*

### **F.2 Inspection and Maintenance Program**

The Village inspects detention ponds and outfall structures twice annually and after rain events. Detention ponds are cleaned after the inspections. All structures are repaired as necessary. Catch basins/inlets are also inspected and cleaned on a 7-year rotational cycle during road maintenance operations.

*Measurable Goal(s): Maintain current practices. Implement and track progress of BMPs.*

*Status: The Village continues to implement the BMP described above and outlined in the Village's SWMP.*

### **F.4 Municipal Operations Waste Disposal**

The Village participates in street cleaning materials disposal. Materials are placed in a dumpster that is hauled off to a land fill. In addition to street cleaning, the Village participates in a leaf collection and disposal program (<https://www.mountprospect.org/departments/public-works/streets/fall-leaf-pickup>). Leaf material is taken to an EPA transfer station for final disposal.

*Measurable Goal(s): Maintain waste current disposal practices. Implement and track progress of BMPs.*

*Status: The Village continues to implement the BMP described above and outlined in the Village's SWMP.*

### **F.6 Other Municipal Operations Controls**

The Village has several municipal operations controls including:

Covered Landscape Material Storage – Sand, dirt, and wood chips are permanently covered storage facilities.

Street Sweeping – performed once every two weeks.

Contained Hazardous Material Storage – All hazardous materials are stored in sealed containers and used materials are picked up for recycling.

Covered Material Storage – Salt, sand, stone, and gravel are stored in permanently covered storage facilities.

Controlled Application of Pesticides and Herbicides by the department of Agriculture trained and certified licensed applicators on Village facilities – Proper application of herbicides and pesticides is necessary to minimize the potential of illicit discharge of these materials into local streams.

*Measurable Goal(s): Continue practices. Implement and track progress of BMPs.*

*Status: The Village continues to implement the BMP described above and outlined in the Village's SWMP.*

### **Stormwater Management Program Assessment, Year 17**

The Village conducted an overall assessment of the Village's SWMP and the appropriateness of its BMPs in 2019. Based on this assessment, the Village believes that their current program is effectively making progress towards achieving the statutory goal of reducing the discharge of pollutants to the maximum extent practicable. In summary:

- The Village continues to implement its SWMP via various studies and projects to improve the stormwater conveyance and storage within the Village. Mount Prospect is committed to improve protection to property and improvements to water quality within the Village.
- The Village continues to enforce standards of the Village Code for all applicable developments within its jurisdiction.
- The Village continues to train employees in proper BMPs and the importance of stormwater and water quality.

## **Part C. Village Information and Data Collection Results, Year 17**

### **Annual Monitoring and Data Collection, Year 17**

The Village of Mount Prospect developed a Water Quality Monitoring and Assessment Program for the purpose of demonstrating compliance with the minimum standards required by the IEPA's General Storm Water Permit ILR40 for discharges from MS4s. The Permit requires annual monitoring of receiving waters upstream and downstream of the MS4 discharges, use of indicators to gauge the effects of storm water discharges on the physical/habitat-related aspects of the receiving waters and/or monitoring of the effectiveness of the Best Management Practices (BMPs). Monitoring of storm water discharges must be performed within 48 hours of a precipitation event greater than or equal to one-quarter inch in a 24-hour period.

Water pollution control programs are designed to protect the beneficial uses of the water resources within the state. Each state has the responsibility to set water quality standards (WQS) that protect these beneficial uses, commonly referred to as "designated uses". In Illinois, waters are designated for various uses including aquatic life, wildlife, agricultural use, primary contact (e.g., swimming, water skiing), secondary contact (e.g., boating, fishing), industrial use, drinking water, food-processing water supply and aesthetic quality. Illinois' WQS provide the basis for assessing whether the beneficial uses of the state's waters are being attained. The purpose of the Village's Water Quality Monitoring and Assessment Program is to assess the quality of receiving waters and provide recommendations for BMPs that will target the identified areas of concern.

Test results are compared against the water quality standards (WQS) established by the Illinois Pollution Control Program (IPCB) and to the water quality results of prior testing. The Illinois WQS are located in the Illinois Administrative Rules Title 35, Environmental Protection; Subtitle C, Water Pollution; Chapter I, Pollution Control Board; Part 302, Water Quality Standards. The purpose of these standards are to protect existing uses of all waters of the State of Illinois, maintain above standard water quality and prevent unnecessary deterioration of waters of the State. Not all of the constituents tested for contain a limit under the General Use Water Quality Standard.

Water quality sampling was conducted during Year 17 at eight (8) locations within the receiving waters, both upstream and downstream of the Village's stormwater discharges. Water samples were collected at each location within twenty-four hours of a 1.30" rain event. Each sample was sent to a lab and analyzed for the following parameters: total suspended solids; total nitrogen; total phosphorous; fecal coliform; chlorides; and fats, oils, and grease. On-site measurements were completed for temperature, dissolved oxygen, total dissolved solids, conductivity, turbidity, and pH. Sampling is conducted in accordance with EPA standard protocols. Parameters are analyzed according to Standard Methods, 17th and 18th Editions, and USEPA methods.

The data was reviewed to determine whether or not it provides any evidence of reduced pollutant loads or improved water quality. The data collected from water quality sampling locations upstream and downstream of the Village's stormwater discharges show slight increases from upstream to downstream for various testing parameters. The results also vary in terms of an increase or decrease from last years results. The village is continuing to monitor the testing locations and its BMP's.

**Mount Prospect Water Quality Testing 2019 - Results**

Parameter	Accepted Limits	Test Results							
		McDonald Creek			Feehanville Ditch	Weller Creek		Higgins Creek	
		1	2	3	4	5	6	7	8
Chloride (mg/L)	500	459	531	497	553	259	232	335	366
Phosphorous, Total (mg/L)	0.05	0.07	0.06	0.06	0.04	0.06	0.07	0.05	0.04
Total Suspended Solids (mg/L)	15.0-30.0	16.0	31.8	45.2	13.0	9.2	10.0	17.0	24.0
Total Nitrogen (mg/L)	<4.0	>5.0	>5.0	>5.0	>5.0	>5.0	>5.0	>5.0	>5.0
Dissolved Oxygen (mg/L)	March – July at least 5.0	9.51	9.63	10.21	10.51	10.55	10.39	9.90	10..04
	August – February at least 3.5								
Total Dissolved Solids (ppm)	1000	1142	1306	1252	1340	863.9	745.9	877.8	855.6
Temperature (°F)	December – March 60.0 Max	50.50	50.39	50.84	48.88	49.19	48.66	48.59	49.49
	April – February 90.0 Max								
Conductivity (µs/cm)	50.00 – 1500.0	1785	2041	1956	2094	1349	1165	1371	1336
pH	6.5 – 9.0	7.81	7.92	7.84	7.83	7.77	7.75	7.75	7.93
Fats, Oils, and Grease	100 mg/L	>5.0	>5.0	>5.0	>5.0	>5.0	>5.0	>5.0	>5.0
Fecal Coliform	400 colonies/100 ml	210	150	90	60	600	130	260	290
Turbidity (NTU)	<50 NTU	17	22	29	13	15	19	23	34

**Permit Compliance: Tracking and Data Collection, Year 17**

A summary of activities performed in accordance with the Village’s SWMP are presented in the following pages.

# Mount Prospect MS4 Log Book

## Public Education

Permit Year 17

Activity/Item	Description	Distribution
SWANCC Elist	Sign up for Residents	Website/Outreach Events/Mailings
SWANCC Green Pages	A resource guide for residents	Website/Outreach Events/Mailings
Eco Cleaning Guide	A guide to green cleaning	Website/Outreach Events/Mailings
DDE	Document Destruction Events	Website/Outreach Events/Mailings
Electronics Recycling	Electronics Recycling Evenets	Website/Outreach Events/Mailings
HHW Flyer	Household Hazardous Waste Disposal	Website/Outreach Events/Mailings
Fluorescent Bulb Recycling	Fluorescent Bulb Recycling	Website/Outreach Events/Mailings
Pollutants: Their Sources and Impacts	Guide on Pollutants	Website/Outreach Events/Mailings
Parkway Tree Planting	Tree Information Guide	Website/Outreach Events/Mailings
Recycling Sticker	Recycling Information	Website/Outreach Events/Mailings
SWANCC Prescription Drug/Sharp Disposal	Prescription/Drug Disposal	Website/Outreach Events/Mailings
Mount Prospect Recycling Edition	Recyling Guide for Residents	Website/Outreach Events/Mailings

# Mount Prospect MS4 Log Book

## Public Education

Permit Year 17

Activity/Item	Description	Distribution
March/April 2019 Newsletter	Includes various items of interest to the community and informative sections: <ul style="list-style-type: none"><li>- Organics waste &amp; yard waste household collection</li><li>- Electronics recycling</li><li>- Flood preparedness &amp; proofing</li><li>- Drainage system maintenance: education on dumping in stream/creeks/waterways and reporting.</li><li>- 10 tips to prevent water pollution.</li><li>- Tree Planting 2019</li></ul>	Website/Outreach Events/Mailings
May/June 2019 Newsletter	Includes various items of interest to the community and informative sections: <ul style="list-style-type: none"><li>- Public Works Open House</li><li>- Become a Better Recycler...</li><li>- 10 tips to prevent water pollution</li><li>- Lawn/Sprinkler requirement tips</li><li>- Get a Headstart on Tree Care</li><li>- Only Rain Down the Drain!</li></ul>	Website/Outreach Events/Mailings
July/August 2019 Newsletter	Includes various items of interest to the community and informative sections: <ul style="list-style-type: none"><li>- Stormwater Pollution article</li><li>- Water/Sewer/Refuse/Organic Waste/Yard Waste collection information</li></ul>	Website/Outreach Events/Mailings
September/October 2019 Newsletter	Includes various items of interest to the community and informative sections: <ul style="list-style-type: none"><li>- Recycle Your Old Mercury Thermostat or Thermometer</li><li>- Fall Tree Care Tips</li><li>- Curbside leaf collection</li><li>- Water/Sewer/Refuse/Organic Waste/Yard Waste collection information</li><li>- Home Hot Spots for Water Quality</li></ul>	Website/Outreach Events/Mailings



# Mount Prospect MS4 Log Book

## Public Education

Permit Year 17

Activity/Item	Description	Distribution
November/December 2019 Newsletter	Includes various items of interest to the community and informative sections: <ul style="list-style-type: none"><li>- Preparing for snow storms</li><li>- Pumpkin recycling</li><li>- Curbside leaf collection</li><li>- Water/Sewer/Refuse/Organic Waste/Yard Waste collection information</li><li>- Environmental considerations when caring for your car.</li></ul>	Website/Outreach Events/Mailings
Jan/Feb 2020 Newsletter	Includes various items of interest to the community and informative sections: <ul style="list-style-type: none"><li>- Preparing for snow storms</li><li>- Holiday light recycling</li><li>- Christmas tree collection</li><li>- Solid waste collection schedule</li><li>- Water/Sewer/Refuse/Organic Waste/Yard Waste collection rates</li></ul>	Website/Outreach Events/Mailings

# Mount Prospect MS4 Log Book

## Public Outreach

Permit Year 17

Date	Activity	Location
2/18/2019	St. Emily School Girl Scouts	Mount Prospect Public Works
4/20/2019	Earth Day Event	Mount Prospect Friendship Park Conservatory
4/23/2019	Earth Day Event	Bosch - 1800 W Central Road
5/18/2019	Open House	Mount Prospect Public Works
7/4/2019	4th of July	4th of July Parade
7/26/2019- 7/27/2019	Block Party	50 S Emerson St
8/6/2019	National Night Out	National Night out Against Crime
9/14/2019	Celebration of Cultures	Kopp Park - 420 Dempster St
10/12/2019- 10/13/2019	Fall Fest	50 S Emerson St
10/24/2019	Ride to School	Ride to School - Westbrook Elementary School

**Mount Prospect MS4 Log Book**

**Illicit Discharge Detection/Elimination**

**Permit Year 17**

Date	Activity	Attendance / Quantity
	NO IDDE CALLS OR ACTIVITY BETWEEN 3/1/2019 - 2/28/2020	

**Mount Prospect MS4 Log Book****Construction Stormwater Runoff Control**

Permit Year 17

<b>Village Permit #</b>	<b>MWRD Permit #</b>	<b>IEPA Permit #</b>	<b>Project</b>
CB19-000132	NA	NA	10 N Main St
CB19-000173	19-6015	NA	215 E Prospect Ave
CB19-000025	19-170	1212-FY2019	1111 Linneman Rd

# Mount Prospect MS4 Log Book

## Post Construction Stormwater Runoff Control

Permit Year 17

Date	Activity	Basin ID	Inspection Results
60 total detention/retention ponds inspected on 8/13/2019. No issues observed.			

**Mount Prospect MS4 Log Book****Pollution Prevention**

Permit Year 17

Description of Material/Event	Date of Event/Information	Amount/Distribution
Sharps Disposal	On-going	1128 lbs
Prescription Disposal	On-going	788 lbs
Fluorescent Light & CFL Bulb Disposal	On-going	2600 Lights
Electronics Recycling	On-going	174523 lbs
Household Hazardous Waste	Twice-a-year	See manifest
Battery Recycling	On-going	4642 lbs
Holiday Light	On-going	5226 lbs
Document Destruction	Once-a-year	19080 lbs
Leaf Collection	10/21/2019-12/07/2019	
Paint Removal	Throughout the year	55 gal
Tire Removal	Throughout the year	244 tires
Used Oil	Throughout the year	710 gal
Parts Cleaner	Throughout the year	60 gal
Street Sweeping	Throughout the year	
Storm Related Service Requests	Creeks or Ponds Service Requests	5
Storm Related Service Requests	Street Sweeping Service Requests	28
Storm Related Service Requests	Street Flooding Service Requests	24
Storm Related Service Requests	Maintenance of Drainage System Service Requests	61

**Mount Prospect MS4 Log Book**

**Pollution Prevention**

**Permit Year 17**

Description of Material/Event	Date of Event/Information	Amount/Distribution
Spoil Pile Removal from Public Works	Throughout the year	
Storm structure repair and cleaning	Tracked in asset management software	

# Mount Prospect MS4 Log Book

## Training

Permit Year 17

Name	Training Course	Date
List Provided	Silica	3/5/2019
List Provided	Biohazards and Worker Safety	7/16/2019
List Provided	Elgin Pelican Street Sweeper Operator Training	8/6/2019





### Part D. Village Summary of Year 18 Stormwater Activities

The table below indicates the stormwater management activities that the Village plans to undertake during Year 18. Additional information about the BMPs and measurable goals that the Village will implement during Year 18 is provided in the section following the table.

Note: X indicates BMPs that will be implemented during Year 18

Year 18 Mount Prospect		Year 18 Mount Prospect	
<b>A. Public Education and Outreach</b>		<b>D. Construction Site Runoff Control</b>	
X	A.1 Distributed Paper Material	X	D.1 Regulatory Control Program
	A.2 Speaking Engagement		D.2 Erosion and Sediment Control BMPs
	A.3 Public Service Announcement		D.3 Other Waste Control Program
X	A.4 Community Event	X	D.4 Site Plan Review Procedures
	A.5 Classroom Education Material	X	D.5 Public Information Handling Procedures
X	A.6 Other Public Education		D.6 Site Inspection/Enforcement Procedures
		X	D.7 Other Construction Site Runoff Controls
<b>B. Public Participation/Involvement</b>		<b>E. Post-Construction Runoff Control</b>	
	B.1 Public Panel		E.1 Community Control Strategy
X	B.2 Educational Volunteer	X	E.2 Regulatory Control Program
	B.3 Stakeholder Meeting	X	E.3 Long Term O&M Procedures
X	B.4 Public Hearing	X	E.4 Pre-Const Review of BMP Designs
	B.5 Volunteer Monitoring	X	E.5 Site Inspections During Construction
	B.6 Program Coordination	X	E.6 Post-Construction Inspections
X	B.7 Other Public Involvement		E.7 Other Post-Const Runoff Controls
<b>C. Illicit Discharge Detection and Elimination</b>		<b>F. Pollution Prevention/Good Housekeeping</b>	
X	C.1 Storm Sewer Map Preparation	X	F.1 Employee Training Program
X	C.2 Regulatory Control Program	X	F.2 Inspection and Maintenance Program
X	C.3 Detection/Elimination Prioritization Plan		F.3 Municipal Operations Storm Water Control
X	C.4 Illicit Discharge Tracing Procedures	X	F.4 Municipal Operations Waste Disposal
X	C.5 Illicit Source Removal Procedures		F.5 Flood Management/Assess Guidelines
	C.6 Program Evaluation and Assessment	X	F.6 Other Municipal Operations Controls
X	C.7 Visual Dry Weather Screening		
	C.8 Pollutant Field Testing		
X	C.9 Public Notification		
	C.10 Other Illicit Discharge Controls		

The Village of Mount Prospect is committed to maintaining its current stormwater management program, which is described in more detail below, and will work to update and enhance its program, as needed. Next year's annual report will contain information regarding the changes that have been made to the Village's SWMP.

### **Stormwater Management Activities, Year 18**

During Year 18, the Village of Mount Prospect plans to continue to perform a variety of stormwater management activities, as described in detail in the Village's SWMP and in brief below.

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

The Village is committing to implementing the Public Education and Outreach component of its SWMP. The Village's Public Education and Outreach program includes: the distribution of educational material to the community or conducting equivalent outreach activities about the impacts of stormwater discharges on water bodies and the steps that the public can take to reduce those impacts and supporting classroom education.

##### **A.1 Distribute Paper Material**

The Village makes various informational materials available to its residents. Topics include information on recycling, SWANCC, solid waste services, computer & electronics recycling, leaf collection, battery recycling, information on trees, catch basin care, pollutants - sources and impacts and prescription drug disposal.

*Measurable Goal(s): Continue existing practice. Implement and track progress of BMPs as described in the SWMP.*

##### **A.4 Community Event**

The Village hosts several community events such as Arbor Day, Earth Day and a Public Works Open House.

*Measurable Goal(s): Continue existing practice. Implement and track progress of BMPs as described in the SWMP.*

##### **A.6 Other Public Education**

The Village has a Public Works Facility Tour open to school children to teach them about Public Works services and provide education on storm water pollution prevention control.

*Measurable Goal(s): Continue existing practice. Implement and track progress of BMPs as described in the SWMP.*

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

The Village is committing to implementing the Public Participation/Involvement component of its SWMP. The Village's Public Participation/Involvement program includes: maintaining a process for receiving and processing citizen input; attending and publicizing stakeholder meetings; presenting program information at a public meeting at least once annually.

##### **B.2 Educational Volunteer**

The Village has an education volunteer program in which public works staff educates children's classes and multi-family unit owners on pollution prevention issues as requested.

*Measurable Goal: The Village continues to implement the BMP described above and outlined in the Village's SWMP.*

#### **B.4 Public Hearing**

The Village holds a public meeting in which the Public Works department provides an annual report to the board and public on storm water management.

*Measurable Goal(s): Continue existing practice. Implement and track progress of BMPs as described in the SWMP.*

#### **B.7 Other Public Involvement**

Other public involvement the Village has includes:

- Two residential recycling programs. The first was established to allow residents to recycle materials at no additional cost. The second is a commercial recycling program established for local businesses to reduce their contribution to landfills.
- The Village has hosts a “coffee with the council” meeting which provides an open forum to residents to discuss any issues with the Village council on a monthly basis.
- The Village hosts a tree planting program in which residents can request new trees for the parkway and share in the cost.

*Measurable Goal(s): Continue existing practice. Implement and track progress of BMPs as described in the SWMP.*

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

The Village of Mount Prospect implements program activities related to the Illicit Discharge Detection and Elimination (IDDE) minimum control.

#### **C.1 Storm Sewer System Map**

The Village prepared an outfall map to allow for tracking of dry weather flow inspections and outfall maintenance.

*Measurable Goal(s): Review and update as needed. Implement and track progress of BMPs as described in the SWMP.*

#### **C.2 Regulatory Control Program**

The Village has an Illicit Discharge Ordinance that is reviewed and updated due to illegal and/or illicit discharges to storm sewer systems or water courses.

*Measurable Goal(s): Review and update as needed. Implement and track progress of BMPs as described in the SWMP.*

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

The Village currently implements the Illicit Detection/Elimination Plan which provides the Village with requirements to reported illicit discharges.

*Measurable Goal(s): Maintain current program. Implement and track progress of BMPs as described in the SWMP.*

#### **C.4 Illicit Discharge Tracing Procedures**

The Village regularly inspects storm sewers for illicit discharges. These inspections occur during regular operations and maintenance and also during new construction. Storm sewers are televised on a 10-year cycle.

*Measurable Goal(s): Continue existing program. Implement and track progress of BMPs as described in the SWMP.*

#### **C.5 Illicit Source Removal Procedures**

The Village notifies the Metropolitan Water Reclamation District (MWRD) of illegal discharge and works with them to resolve the issue.

*Measurable Goal(s): Maintain current program. Implement and track progress of BMPs.*

#### **C.7 Dry Weather Screening**

Dry weather screenings are conducted annually.

*Measurable Goal(s): Maintain existing practice. Implement and track progress of BMPs.*

#### **C.9 Public Notification**

Promote call-in procedures for observed illicit discharges in the Village newsletter and online.

*Measurable Goal(s): Maintain existing practice. Implement and track progress of BMPs.*

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

#### **D.1. Regulatory Control Program**

The Village educates stakeholders (developers and contractors) on the current codes on the village website. Guidance reference materials are available upon request.

*Measurable Goal(s): Maintain current program to educate stakeholders.*

#### **D.4 Site Plan Review Procedures**

The Village implements a Storm Water Runoff Site Review. Current practice include reviewing construction plans and erosion control is required on all projects. Code variances require a public hearing. All staff is trained for plan reviews.

*Measurable Goal(s): Maintain current plan review procedures and staff.*

#### **D.5 Public Information Handling Procedures**

Installation/Inspection Training: Plan reviewers are licensed PE's with professional training in NPDES requirements. The plan reviewer is the direct supervisor for the project inspector who performs the field visits on the construction sites.

Site inspection and enforcement: Construction sites are currently inspected once a week or more as needed as those that do not comply are shut down.

*Measurable Goal(s): Continue current training and inspection procedures.*

#### **D.7 Other Construction Site Runoff Controls**

The Village implements Utility Construction Parkway Restoration as required by Village code. Requirements are strictly enforced.

*Measurable Goal(s): Continue existing utility work permit program.*

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

### **E.2 Regulatory Control Program**

The Village educates stakeholders (developers and contractors) on the current codes on the village website. Guidance reference materials are available upon request.

*Measurable Goal(s): Maintain current program to educate stakeholders.*

### **E.3 Long Term O&M Procedures**

The Village implements a structural BMP maintenance ordinance. The ordinance addresses long term structural BMP maintenance.

*Measurable Goal(s): Maintain current ordinance and enforcement procedures.*

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

The Village reviews proposed BMP designs. Permanent storm water BMPs required on construction projects and plan are currently reviewed. Any code variances require a public hearing. The Village Staff is fully trained.

*Measurable Goal(s): Maintain current review practices.*

### **E.5 Site Inspections During Construction**

BMP installation and Inspection Training: The Village staff is trained as new requirements for construction are implemented. Site inspection and enforcement: The Village staff currently inspects construction sites and shuts down projects that do not meet code.

*Measurable Goal(s): Maintain current training practices and continue existing inspection and code enforcement program.*

### **E.6 Post-Construction Inspections**

The Village performs retention/detention pond inspections twice a year.

*Measurable Goal(s): Inspect detention/retention ponds twice a year.*

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

The Village is committing to implementing the Pollution Prevention/Good Housekeeping component of its stormwater management program. The Village's Pollution Prevention/Good

Housekeeping program includes: the evaluation and improvement of municipal policies and procedures to reduce the discharge of pollutants from municipal activities and operations; and, a training program for municipal employees.

### **F.1 Employee Training Program**

The Village provides several employee training programs for its staff.

*Measurable Goal(s): Continue practice. Implement and track progress of BMPs.*

### **F.2 Inspection and Maintenance Program**

The Village inspects detention ponds and outfall structures twice annually and after rain events. Detention ponds are cleaned after the inspections. All structures are repaired as necessary. Catch

basins/inlets are also inspected and cleaned on a 7-year rotational cycle during road maintenance operations.

*Measurable Goal(s): Maintain current practices. Implement and track progress of BMPs.*

#### **F.4 Municipal Operations Waste Disposal**

The Village participates in street cleaning materials disposal. Materials are placed in a dumpster that is hauled off to a land fill. In addition to street cleaning, the Village participates in a leaf collection and disposal program. Leaf material is taken to an EPA transfer station for final disposal.

*Measurable Goal(s): Maintain waste current disposal practices. Implement and track progress of BMPs.*

#### **F.6 Other Municipal Operations Controls**

The Village has several municipal operations controls including:

Covered Landscape Material Storage – Sand, dirt, and wood chips are permanently covered storage facilities.

Street Sweeping – performed once every three weeks.

Contained Hazardous Material Storage – All hazardous materials are stored in sealed containers and used materials are picked up for recycling.

Covered Material Storage – Salt, sand, stone, and gravel are stored in permanently covered storage facilities.

Controlled Application of Pesticides and Herbicides by the department of Agriculture trained and certified licensed applicators on Village facilities – Proper application of herbicides and pesticides is necessary to minimize the potential of illicit discharge of these materials into local streams.

*Measurable Goal(s): Continue practices. Implement and track progress of BMPs.*

## **Part E. Notice of Qualifying Local Program**

*Not applicable (N/A)*



**Part F. Village Construction Projects Conducted During Year 17**

Project Name	Project Size (acres)	Construction Start Date	Construction End Date
Yates Lane Watermain Replacement	2.25	August 2019	December 2019
Levee 37: Burning Bush Trails Interior Drainage Improvement	6.50	October 2019	December 2019