

**ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
ANNUAL FACILITY INSPECTION REPORT  
NPDES PERMIT FOR STORM WATER DISCHARGES  
FROM MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4)**

Website address: <http://www.epa.state.il.us/water/permits/storm-water/forms/annual-facility-inspection-ms4.pdf>

Complete each section of this report.

|                |                   |                |           |
|----------------|-------------------|----------------|-----------|
| REPORT PERIOD: | FROM: MARCH, 2013 | TO: MARCH 2014 | ILR400391 |
|----------------|-------------------|----------------|-----------|

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

|  |                 |  |  |
|--|-----------------|--|--|
| NAME: Village of Morton Grove  |                 | TELEPHONE NUMBER: 847-470-5235   |  |
| MAILING ADDRESS: 7840 Nagle Avenue   |                 | E-MAIL ADDRESS: <a href="mailto:jdahm@mortongroveil.org">jdahm@mortongroveil.org</a> |  |
| VILLAGE: Morton Grove  | STATE: Illinois | ZIP: 60053   |  |
| CONTACT PERSON: Joseph J. Dahm, Assistant Director of Public Works<br>(Person responsible for Annual Report) |                 |  |  |
| <b>NAME(S) OF GOVERNMENTAL ENTITY(IES) IN WHICH MS4 IS LOCATED: (As it appears on the current permit)</b>    |                 |  |  |
| Village of Morton Grove, Cook County, Illinois   |                 |  |  |
|  |                 |  |  |

**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.

**Status of Compliance with Permit Conditions**

The Village of Morton Grove has complied with the NPDES Phase II Permit for the MS4 system during this reporting period.

**Assessment of Appropriateness of Identified BMP's**

At this time the Village of Morton Grove NOI includes Best Management Practices that are effective for minimizing stormwater pollution.

**Progress Towards a Reduction in Pollutants Discharged**

Based on the achievement of measurable goals for Permit Year 11, it is the opinion of the Village staff that satisfactory progress has been made towards the goal of reducing the discharge of pollutants to the MEP.

**Progress towards Achievement of Measurable Goals identified for Permit Year 11**

The status of progress towards achieving identified measurable goals for each of the minimum control measures is presented below.

**BMP A Public Education and Outreach**

**BMP A.1 Informational Material and Brochures**

In 2013 the Public Works/Engineering Department obtained the following informational material and brochures that are available at the Morton Grove Village Hall and distributed to targeted groups:

- 10 Things You Can Do to Prevent Stormwater Runoff Pollution
- Tips to Reduce Waste During the Holiday Season
- Chicago River Day, May 10, 2014
- Earth Tales from Around World, January 10, 2014
- A Trashy Fashion Show, SWANCC, November 15, 2013
- The Solution to Stormwater Pollution
- After the Storm

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8. General Recycling Guidelines
9. Stormwater and the Construction Industry
10. Northeastern Illinois Envirothon, April 10, 2014
11. Are You Contaminating Our Water
12. Severe Weather Information Guide

The Village met its measurable goal of obtaining informational material and brochures that increase awareness of the impacts of stormwater discharges on water bodies and steps that the public can take to reduce pollutants in stormwater runoff.

#### **BMP A.3 Newsletter Articles – Water Bill Insert Messages**

The Village published two articles, "Leaves Don't Belong in the Storm Sewer, November-December 2013 edition and "Winter Time Tips, March-April, 2014 edition of the "Morton Grove Exchange", a quarterly newsletter that is sent to all residents of Morton Grove.

#### **Water Bill Insert Messages:**

1. July-August, 2013 – Please Report Dumping
2. November-December, 2013 – Clean up Trash
3. January-February, 2014 – Snow & Ice Melt
4. March-April, 2014 – April Showers

The Village has met its measurable goal of including a stormwater and/or ambient water quality related articles in the Village "Morton Grove Exchange", newsletter and message inserts in the bi-monthly water bills in the 11-year permit cycle.

#### **BMP A.4 Notify Developers, Engineers and Contractors of Workshop Programs**

Notified Developers on various Stormwater Seminars in 2013.

The Village met its measurable goal for 2013

#### **BMP A.5 Develop Stormwater Educational Kit**

The Village continues to gather information for completion for the stormwater educational kit.

The Public Works/Engineering Department did not execute the stenciling program in 2013 due to school cut-backs of the ecology programs. We will be in contact with school officials to revisit the stenciling program in 2014.

The Village did not meet its goal for 2013 with continual information gathering related to the stormwater educational kit.

#### **BMP A.6 Web Site Links**

The Village web site is now in service at [www.mortongrovel.org](http://www.mortongrovel.org)

The Village will be updating the web site in 2014.

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

##### **BMP B.4 Hold Public Meeting Annually**

The Village holds monthly Natural Resource Commission meetings, regarding the storm water system. The Village held a local resident question and answer meeting on storm water education.

The Village met its measurable goal for holding an annual meeting.

##### **BMP B.7 Citizens Advisory Panel**

The Natural Resource Commission met every month in 2013.

The Village has met its measurable goal for conducting citizen advisory meetings in 2013.

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

##### **BMP C.1 Revise Outfall and Storm Sewer Maps**

The Public Works/Engineering Department continues to revise the GIS Sewer Atlas and Outfall Storm Sewer Maps.

The Village met its measurable goal for revising GIS Sewer Atlas and Outfall Storm Sewer Maps.

##### **BMP C.2 Develop Illicit Discharge Ordinance**

The Village reviewed the existing ordinances related to illicit discharges and has determined that no changes are required.

Therefore the Village has met its measurable goal for development of Illicit Discharge Ordinance.

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

The Public Works/Engineering Department has developed a procedure for detecting and tracing illicit discharges throughout the Village. No significant illicit discharges were detected in 2013.

The Village met its measurable goal for Detecting and Tracing illicit Discharges in Permit Year 11.

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**BMP C.5 Illicit Discharge Detection & Elimination and Provide Information to Local Citizens for disposal of household pollutants.**  
The Village is continuing to developed procedures to eliminate illicit discharges.

Information is available at the Public Works Office regarding drop sites for household pollutants.

1. Solid Waste Agency of Northern Cook County (SWANCC), tires, oil, gas, antifreeze, paint, any household hazardous waste.

The Village will advertise on the Village web site in 2013 regarding specific available dates and locations for disposing of hazardous pollutants and household pollutants.

The Village met its measurable goal for Illicit Discharge Detection & Elimination.

**BMP C.7 Visual Dry Weather Screening**

The Village has inspected all of the commercial, industrial and residential Outfall sites during 2013. The Public Works Department will annually inspect all 18-outfall sites in this program

The Village met its measurable goal for Visual Dry Weather Screening.

**BMP C.9 Public Notification**

The Village completed the notification "Differences between Sanitary and Storm Sewers", to be included in the summer edition of the Morton Grove Exchange newsletter. This notification will run at the beginning of each year in the Morton Grove Exchange newsletter.

The Village met its measurable goal for Public Notification.

**BMP C.10 Other Illicit Discharge Controls**

The Village developed the Hotline with working hours to be taken at the Public Works/Engineering Department and off hours to be taken at the Police Department. The Village Web Page also has email notification.

The Village met its measurable goal for Other Illicit Discharge Controls.

**BMP D. Construction Site Storm Water Runoff Control**

**BMP D.1, D.3, Regulatory Control Program for Construction Site Runoff**

The Village has an Erosion and Sediment Control and Grading Ordinance.

D.3 Control of Materials and Debris has been included in the "Erosion and Sediment Control/Grading Ordinance

The Village met its measurable goal for Regulatory Control Program.

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

The Village has a plan review process to include the control of waste and debris on construction sites while enforcing current regulations.

The Village met its measurable goal for Site Plan Review Procedures.

**BMP D.5 Public Information and Handling Procedures**

The Village is currently ready for tracking complaints regarding soil erosion and sediment control.

The Village met its measurable goal for Public Information and Handling Procedures.

**BMP D.6 Site Inspection/Enforcement Procedures**

See D. 1. Above.

The Village met its measurable goal for Inspection/Enforcement Procedures.

**BMP E. Post-Construction Site Runoff**

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

The Village has continued review of condominium association by-laws to ensure that maintenance procedures are defined for storm water management system components. Also easements and overland flow patterns are defined in the civil engineering plans.

The Village has met its measurable goal for Long Term O&M Procedures.

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

The Village has a permit process from Public Works that takes into consideration construction site runoff.

The Village has met its measurable goal for review of BMP designs.

**BMP E.5, E6 Site Inspections During and After Construction**

The Village is currently performing site inspections at major developments.  
TRAFALGER Woods at 8600 Waukegan RD.

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The Crossings at 6400 Capulina.  
North Grove Manor at 5520 Lincoln Avenue  
Homestead at 6401 Lincoln Avenue

The Village met its measurable goal for Inspection During Construction.

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

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

The Public Works/Engineering Department employees completed NPDES Training Seminar in 2013. NPDES training provided (Illicit Discharge Detection and Elimination Training at Public Works). Village meets its measurable goal.

##### **A Permit Program Overview**

The Public Works/Engineering Department posted various articles in 2013:

1. "After the Storm"
2. "10 Things You Can Do To Prevent Runoff Pollution"
3. Stormwater runoff, there is no away.

Information Sent to Targeted Groups in 2013:

"Road Salt Application and Storage"  
"Automobile Maintenance"  
"Street Sweeper Technology"

##### **BMP F1, F.2, F.3 Public Works/Engineering Activities**

The Village identified current municipal activities that contribute to the discharge of pollutants to the storm sewer system, including fleet maintenance, street maintenance, landscape maintenance, litter control, sanitary sewer maintenance, and storm water management.

##### **Fleet Maintenance Activities**

Activities in the Village's vehicle maintenance shop are a potentially significant source of pollutants. Procedures that address spill prevention, material management practices and good housekeeping in the vehicle services shop will be included in a training program to limit pollution discharges from vehicle O & M activities.

Currently, waste oil and anti-freeze above ground storage tanks are located outside the building. Lead acid batteries awaiting pickup for recycling are located inside the vehicle shop and not exposed to storm water. Oil, hydraulic fluids, anti-freeze and cleaners are stored inside the building, well away from outside doors. All used oil and anti-freeze is periodically picked up for off-site reclamation by a waste oil service. There are no "significant materials" which are exposed to storm water.

##### **Street Maintenance Activities**

**Street Sweeping Program** – Street sweeping has a direct beneficial impact on water quality. The Village of Morton Grove is responsible for preserving the right-of-way throughout the Village and maintaining and repairing 270 lane miles of the Village thoroughfare and 57.99 lane miles of State and County streets within the corporate boundaries of Morton Grove. 14,702 lane miles of Village streets were swept by two street sweepers, once a week, March through December weather permitting, and as needed in the winter months.

**Street Deicing Program** – Deicing activities have potentially deleterious effects on water quality. The Village follows a "bare pavement" policy for snow and ice control on local roads. Because of the need for applying large amounts of deicing materials in northern Illinois, it is not feasible to implement BMP's that eliminate discharge of these materials to the storm sewer system. Salt used as a deicing material is stored under roof. Liquid calcium chloride is stored in fiberglass tanks. Consequently none of the deicing materials are exposed to storm water during storage and there is no threat of release to the storm sewer system. BMP's employed by the Village prevent the discharge of pollutants to the Maximum Extent Practicable.

**Leaf Pickup Programs** – The Public Works Department provides weekly leaf collection service to all residents from October to December of each year. 1,633 tons of leaves generated from public and private property were picked up weekly by Public Works and hauled out by a contracted waste disposal company.

##### **Litter Control Activities**

The Village's litter control and waste disposal programs serve to protect water quality and enhance the visual Aesthetics of the community. Outstanding levels of refuse collection and recycling service, and an emphasis on litter control and roadside maintenance contributes to Morton Grove's reputation as a clean community.

##### **Sanitary Sewer Maintenance Activities**

The Village has had an ongoing program to reduce the infiltration and inflow entering the sanitary sewer system and prevent overflows and discharges to the storm sewer system for many years. Sanitary sewer studies and large rehabilitation projects (slip-lining, replacement, manhole rehabilitation, etc.) are performed as capital projects under contract. The Village's Water and Sewer Division performs televising,

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cleaning and jetting, point repairs under 10', manhole cover replacement, and manages contractual work such as infiltration testing and detection of storm sewer connections to the sanitary sewer system. In 2013 the Public Works Department completed a Cured-In-Place Pipe Lining project. The project included 2525 LF sanitary sewer pipe lined. The Water and Sewer Division completed 25 Residential Sump Pump Inspections.

The Village met its measurable goal of identifying current Public Works activities that contribute to the discharge of pollutants to the storm sewer system in Permit Year 11

#### **BMP F.2 Inspection of Stormwater Facilities**

The Public Works Department set up a process for inspecting and evaluating the condition of storm sewer outfalls, detention facilities, and completed an inspection of all public and private outfall structures in Permit Year 11.

In 2013, the Public Works Water and Sewer Division inspected 50 catch basins and 35 storm sewer manholes, cleaned 30 catch basins and 12 manholes, and repaired and replaced 3 inlet catch basin/inlet grates. Jetting and Vac-all cleanings were performed on 2,900 feet of storm sewer pipe, and 420 feet of existing storm sewer main was repaired and replaced. 600 feet of storm sewer pipes were televised throughout the Village. Inspections were also made during and following large storm events to verify the working condition of storm sewer inlets and detention/retention basins.

The Village exceeded its measurable goal for Permit Year 11 by completing an inspection of all storm sewer outfalls.

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

##### **Engineering Division Activities**

Responsible for design, inspection and administration of all construction projects within rights-of-way and other lands owned by the Village of Morton Grove. These include the annual Street Resurfacing Program, Street Patching Program, Sewer Lining Program, Sewer Video Inspection Program, Sewer Lining Program and Street Striping Program. Additional duties include reviewing of plans and proposals for projects proposed by private developers for adherence to Village, State, County, and Metropolitan Water Reclamation District ordinances and polices, providing such developers with pertinent information regarding the diverse physical features of the Village.

The Village developed plans and constructed on-site storm water facilities.

The Village met its measurable goal for Other Municipal Operations Controls.

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

No illicit discharges were reported or observed in Permit Year 11.

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

A summary of the stormwater activities planned by the Village of Morton Grove during the next reporting cycle is presented below.

- Continue the stenciling program with local school.
- News Letter articles.
- Yearly dry weather out fall inspection.
- Update information in the takeaway rack
- Regular maintenance practice, street sweeping, catch basin cleaning, annual leaf pick up in the fall, up date web-site information

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

##### **BMP A.1 Informational Material and Brochures**

Year 12: The Village of Morton Grove will make informational material and brochures available at the Public Works/Engineering Department and City Hall.

##### **BMP A.3 Newsletter Articles**

Year 12: The Village of Morton Grove will include a stormwater and/or ambient water quality related article in the Village newsletter.

##### **BMP A.6 Web Site Links**

Year 12: The Village of Morton Grove website link [www.mortongrovel.org](http://www.mortongrovel.org) on the Public Works/Engineering Department web page will be updated in 2014.

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

### **BMP B.4 Public Meeting**

Year 12: The Village of Morton Grove continues monthly Natural Recourse Commission Meetings and local neighborhood question and answer meetings

### **BMP B.7 Citizens Report Form**

Year 12: The Public Works/Engineering Department will track citizen reports of illicit discharges to the storm sewer system and/or maintenance problems associated with outfalls, ponds, and streams by type and location, and address problems in a timely manner.

## **BMP C. Illicit Discharge Detection And Elimination**

### **BMP C.1 Storm Sewer Mapping**

Year 12: The Public Works/Engineering Department continues updating the storm sewer map.

### **BMP C.2, C.4, C.5 Procedures for Cataloging Reports of Illicit Discharges**

Year 12: The Public Works/Engineering Department will continue its investigating and cataloging reports of discharges to the storm sewer system, and make revisions to the Village codes.

### **BMP C.9 Public Works Ordinance Violations Brochure**

Year 12: The Village of Morton Grove will continue to insert and include the Violation Brochure to prohibit all unauthorized non-stormwater discharges into the storm sewer system from residential sources.

### **BMP C.10 Control of Illicit Discharges from Commercial Sources**

Year 12: The Public Works/Engineering Stormwater web page will continually be updated to reflect the most current stormwater information available to Village residents.

## **BMP D. Construction Site Storm Water Runoff Control**

### **BMP D.1, D.4 Permitting Procedures**

Year 12: The Village continues permitting procedures to require applicant to send notification of sediment and erosion control plans for developments greater or equal to one acre in size to the IEPA, if not completed prior to submittal of a NOI for Construction.

## **BMP E. Post-Construction Storm Water Management**

### **BMP E.2 City Ordinance Code**

Year 12: The Public Works/ Engineering Department will continue to review and revise the Code of Ordinances as required.

### **BMP E.3 Long Term Maintenance**

Year 12: The Village will continue to review and assign responsibility for maintenance of new storm sewer systems.

### **BMP E.4 Structural and Non-Structural BMP Guidelines**

Year 12: The Public Works/Engineering Department will identify structural and non-structural BMPs to be included into the development guidelines.

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

### **BMP F.1, F.3 Public Works/Engineering Activities**

Year 12: The Public Works/Engineering Department will identify educational material and/or develop new procedures or make revisions to existing procedures and design plans that will reduce or eliminate the discharge of pollutants from Village owned facilities to the storm sewer system.

### **BMP F.2 Inspection of Stormwater Facilities**

Year 12: The Public Works/Engineering Department will continue tracking inspections of detention facilities and storm sewer outfalls once every three years.

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E.

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

Not applicable.

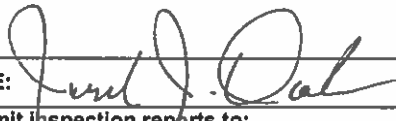
F.

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

Construction projects in Permit Year 11 funded by the Village of Morton Grove and covered by General Permit ILR400391 are listed below:

- |   |                    |
|---|--------------------|
| • Austin Avenue – Beckwith Road to Dead End             | Street Resurfacing |
| • Belleforte Avenue – South Dead End to Beckwith Road   | Street Resurfacing |
| • Birch Avenue – Dempster Street to Hazel Street        | Street Resurfacing |
| • Churchill Avenue – Oleander Avenue to Davis Street    | Street Resurfacing |
| • Davis Street – New England Avenue to Oak Park Avenue  | Street Resurfacing |
| • Elm Street – West Cul-de-sac to East Dead End         | Street Resurfacing |
| • Keeney Street – Gross Point Road to Long Avenue       | Street Resurfacing |
| • Kirk Street – Nagle Avenue to River Road              | Street Resurfacing |
| • Lake Street – Washington Street to Ozark Street       | Street Resurfacing |
| • Lincoln Avenue – At Eden's Expressway Bridge          | Street Resurfacing |
| • Lincoln Avenue – Lehigh Avenue to Dempster Street     | Street Resurfacing |
| • Luna Avenue – Mulford Street to Oakton Street         | Street Resurfacing |
| • Lyons Street – Austin Avenue to Menard Avenue         | Street Resurfacing |
| • Madison Street – Menard Avenue to Major Avenue        | Street Resurfacing |
| • Mansfield Avenue – Lyons Street to North Dead End     | Street Resurfacing |
| • Mansfield Avenue – Lake Street to Davis Street        | Street Resurfacing |
| • Mason Avenue – Main Street to Lincoln Avenue          | Street Resurfacing |
| • Merrimac Avenue – South Village Limit to Kirk Street  | Street Resurfacing |
| • Morton Avenue – Elm Street to Lincoln Avenue          | Street Resurfacing |
| • Nagle Avenue – South Cul-de-sac to Oakton Street      | Street Resurfacing |
| • Natchez Avenue – South Cul-de-sac to Oakton Street    | Street Resurfacing |
| • National Avenue – Church Street to Beckwith Road      | Street Resurfacing |
| • Neenah Avenue – Churchill Street to Hazel Street      | Street Resurfacing |
| • New Castle Avenue – Davis Street to Beckwith Road     | Street Resurfacing |
| • Oak Park Avenue – Lyons Street to North Cul-de-sac    | Street Resurfacing |
| • Oak Park Avenue – Davis Street to Beckwith Road       | Street Resurfacing |
| • Oconto Avenue – Wilson Terrace to Foster Street       | Street Resurfacing |
| • Octavia Avenue – Shermer Road to Wilson Terrace       | Street Resurfacing |
| • Oketo Avenue – Wilson Terrace to Lyons Street         | Street Resurfacing |
| • Olcott Avenue – South Cal-de-sac to Oleander Avenue   | Street Resurfacing |
| • Olcott Avenue – Greenwood Avenue to Suffield Street   | Street Resurfacing |
| • Oleander Avenue – Dempster Street to Greenwood Avenue | Street Resurfacing |
| • Oswego Avenue – Dempster Street to Suffield Street    | Street Resurfacing |
| • Palma Lane – West Dead End to Normandy Avenue         | Street Resurfacing |
| • Suffield Street – Oketo Avenue to Harlem Avenue       | Street Resurfacing |
| • Washington Street – Austin Avenue to Menard Avenue    | Street Resurfacing |
| • Wilson Terrace – Octavia Avenue to Harlem Avenue      | Street Resurfacing |

SIGNATURE:



DATE:

7/10/2014

Please submit inspection reports to:

Illinois Environmental Protection Agency, DWPC  
Compliance Assurance Section  
1021 North Grand Avenue East, POB 19276  
Springfield, Illinois 62794-9276

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