

**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.

<b>REPORT PERIOD:</b> FROM: MARCH, 2016 TO: MARCH 2017 ILR400391 year #14			
<b>MS4 OPERATOR INFORMATION: (As it appears on the current permit)</b>			
<b>NAME:</b> Village of Morton Grove		<b>TELEPHONE NUMBER:</b> 847-470-5235	
<b>MAILING ADDRESS:</b> 7840 Nagle Avenue		<b>E-MAIL ADDRESS:</b> <a href="mailto:jdahm@mortongroveil.org">jdahm@mortongroveil.org</a>	
<b>VILLAGE:</b> Morton Grove		<b>STATE:</b> Illinois	<b>ZIP:</b> 60053
<b>CONTACT PERSON:</b> Joseph J. Dahm, Assistant Director of Public Works (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.)**

<b>1. Public Education and Outreach</b>	<input type="checkbox"/>	<b>4. Construction Site Runoff Control</b>	<input type="checkbox"/>
<b>2. Public Participation/Involvement</b>	<input type="checkbox"/>	<b>5. Post-Construction Runoff Control</b>	<input type="checkbox"/>
<b>3. Illicit Discharge Detection &amp; Elimination</b>	<input type="checkbox"/>	<b>6. Pollution Prevention/Good Housekeeping</b>	<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 new NPDES Permit ILR40 was received in February of 2016. Morton Grove has complied with the new conditions by implementing procedures to the maximum extent practicable (MEP) for coverage beginning March 1, 2016 through February 2021. The Village of Morton Grove has determined that our municipality has made necessary modifications to our Stormwater management program and is in compliance with the new NPDES Phase II Permit for the MS4 system during this reporting period of 2016. A revised StormWater Management Plan (SWMP) has been completed to reflect the necessary changes required by the new permit ILR40.

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

Submitted in 2013, The Village of Morton Grove's NOI includes Best Management Practices that are effective for minimizing storm-water pollution to MEP. Consideration of the new permit and with the evaluation of each of the six Minimum Control Measures, the ongoing plan has been found to be appropriate and effective with the current BMPs. Although modifications were necessary, a requirement for any significant changes to our BMPs was not identified. The Village staff will continually monitor the effectiveness of the BMPs in place. Should any changes to BMPs commence, this will be communicated with and submitted to the IEPA.

**Progress Towards a Reduction in Pollutants Discharged**

With the recognition of increased interest by the residents of Morton Grove and based on the successful achievement of measurable goals for Permit Year 14, it is the opinion of the Village staff that advancements continue to be made towards the goal of reducing the discharge of pollutants to the MEP. Public awareness and involvement has been growing which has resulted in thriving progress toward achieving measurable goals as identified in our NOI submitted September, 2013.

**Progress towards Achievement of Measurable Goals identified for Permit Year 14**

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

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

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

In order to preserve, protect and improve water quality, The Village of Morton Grove educates its residents to the MEP, beginning with the distribution of informational material to aid the public with a basic understanding of Stormwater and the impact individuals have upon the potential of pollution to our waterways. Steps the public can take to reduce pollutants in storm water runoff are included in multiple handouts and in a variety of material styles. These include, for example, the proper use of fertilizers and pesticides, the use of a commercial carwash instead of washing in the street, storage and disposal of fuels, oils and other materials used in the operation of or leaking from vehicles and proper tasks as it relates to de-icing materials. Alternative suggestions are provided and how to implement such strategies.

In 2016, with an even more heightened emphasis on Green Infrastructure and Low Impact Development, the Public Works/Engineering Department has again expanded the assortment of documents obtained and distributed to the residents and other target groups/areas, including building contractors. Promoting these measures will help to restore the urban water cycle and reduce runoff volumes through infiltration and rainwater harvesting and reuse.

Distributing more material about the impacts of storm water discharges on water bodies and the steps that the public can take to reduce pollutants in storm water runoff remains a priority. Emphasis is made on directing Stormwater to areas where it can be infiltrated, evaporated or reused both for businesses and homeowners.

Additionally, materials concerning non-storm water discharges and the negative impact these have on the environment, have been provided.

This year, a larger variety of materials have been discovered and made available, regarding potential impacts of Climate Change on precipitation and Stormwater runoff and practices that can be applied to specific activities performed by residents.

Arbor Day Challenge	Rain Barrels / Rain Gardens
Brown Water, Green Weeds	Rain Barrels, Mosquitoes & You
Canoe with Friends	Recycle Drop Off Centers
Chicago River Days July 16&30, Sept 17 & Oct 1st, 2016	Recycle Guidelines
Clean Water; Everybody's Business	Rivers Beneath our feet
Cleaning Up Stormwater Runoff	Simple Actions to Conserve Water
Climate Change / What to do at office	Site Drains
Climate Change /What to do at home	Snow Days
Climate Change /What to do at school	Soak up the Rain with Green Infrastructure
Climate Change /What to do on the road	Solutions for General Construction
Climate Change Impacts on Water Resources	Spring Cleanup
Climate Change in the Midwest	Spring Weather Crossword
Conservation Foundation Events	Storm water & Construction Industry
Construction Site Operator BMP	Storm water Runoff Challenge
Defining Environmental Justice	Storm water and Your Site
Downspout Disconnect	Storm water Structures and Mosquitoes
Dumping	Subcontractor Short Course
EPA Factsheet	SWNCC Document Destruction
Erosion Control for Homebuilders	Think Spring
Friends of the Chicago River topics	Trees for the Earth
Green Infrastructure Basics	Trees Tame Stormwater
Highlight Hidden Pictures	Water Sense for Kids
How Trees Retain Stormwater Runoff	Watershed approach to Preventing Pollution w/ Green Infrastructure
Its Rainy Season	Ways to Save Water
Just Around the Comer	What is Sediment Control
My Eco Friendly World	What is your Stormwater Pollution Potential
NonStormwater Discharge Identification	When it Rains It Drains
Overflow Action Day	Winter is Coming
Proper Pet Waste Disposal	Winter/Autumn pollution concerns to our River
	Word Search Environment

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In 2016, approximately 40 percent of the different target groups have been furnished category specific material this year.

As a start, 25 copies of at least 10 different documents are distributed. On a monthly basis, materials are inventoried then updated and replenished. Quarterly, resources are changed to reflect the upcoming seasonal impacts on potential pollution to Stormwater runoff. During the monthly stock-taking process, the style of material recognized to be most popular, is increased with the anticipation that this will support elevated interest levels on Stormwater related topics. An increase of public awareness has been accomplished and is recognized through escalated communication by our residents.

EXAMPLE:

## Spring cleaning tips for protecting our river

Spring is partially a time for dirty work. Chances are, you'll spend the first few nice weekends of the year scrubbing a winter's worth of accumulated dirt from your yard, vehicles, patio furniture and more.

Unfortunately, if you're not careful, your spring cleaning rituals might be sending a whole lot of pollution into our river. Instead, follow these simple steps to stay eco-friendly and participate in preventing storm water pollution.

1. **Wash your vehicle at a commercial car wash.** Instead of washing your car at home, take it to a car wash. Commercial car washes are required to dispose of their wastewater properly, ensuring that it's cleaned and treated. If you must wash your car at home, try to do it in an area where the water will soak into the ground instead of it running into the street. Also, please be sure to dump your soapy bucket of water down your sink — not the stormdrain.

2. **Keep leaves and grass clippings out of stormdrains.** Yard waste contains phosphorus and other nutrients that feed algae. Algae blooms deplete oxygen levels in our river water and can cause health problems for humans and wildlife. Don't let leaves, grass clippings and mulch find their way into the street and down the stormdrains. If possible, clear this debris away from such storm drain inlets. Remember: the only thing that should be going into stormdrains is water from rain and melting snow.

3. **Redirect your downspouts.** Point your downspouts somewhere water can soak into the ground. Next time it rains, pay attention to where the water from your downspout goes. If it flows over your yard and into the streets, it's most likely carrying phosphorus and other pollutants into the stormdrains. Instead, point your downspouts somewhere that will allow the stormwater to soak into the ground.

4. **Pick up your pet's waste — before it rains.** Every time it rains, rivers and streams can get flooded with harmful bacteria like e. Coli. Believe it or not, a good portion of this bacteria comes from pet waste sitting on our lawns.

In the initial minutes of a rainstorm, the stormwater washes bacteria from pet waste off our lawns, into the streets and down the stormdrains. From there, it travels untreated through the stormpipes and empties out into our river. The only way to avoid this is to pick up your pet's waste early and often. Be especially vigilant when there's rain in the forecast. Remember: anything you don't clean up will end up in the stormdrains.



[Stormwater@MortonGrovel.org](mailto:Stormwater@MortonGrovel.org)

The Village is in compliance, meeting its measurable goal of obtaining and distributing informational material and brochures that increase awareness of the impacts of storm water discharges.

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**BMP A.3 Public Service Announcement; Newsletter Articles – Water Bill Insert Messages**

Several items were submitted for publishing in our newsletter, "The Morton Grove Exchange". This is mailed to all residents of Morton Grove, four times per year or more. Although our NOI mentions publishing two per year, if approved by Administration, Stormwater related articles are included in each newsletter published.

# Public Works Service Updates







## Snow and Ice

### Winter is Here; Take a Snow Day

We understand that not everyone has this luxury. However, avoiding trips on the road during winter storm conditions by working from home or postponing errands is one way to ease congestion and reduce risk. Less traffic will assist in clearing roads safely and efficiently.

### Helpful Snow Removal Tips & Practices

-  Be sure to use your driveway and/or garage to park your car whenever possible. Removing vehicles from the streets allows for a more complete clearing of snow.
-  Shovel the Snow onto the lawn or down-slope of paved surfaces where melting snow can soak into the ground and help prevent slippery conditions.
-  During snowmelt intervals, please pick up any trash on your property that may have accumulated. This will prevent the debris from washing down storm sewers and going into our waterways.
-  Move your vehicles after a snowfall of over one inch if you live on a snow route. Crews will be plowing those streets overnight.

Other submittals in 2016: "Reuse rainwater- Get your Free Rain Barrels", "Rain Barrel Winter Prep", "A reminder when shoveling snow", "Spring Cleaning tips for protecting our river", "Inflow/Infiltration Inspections", "National Nite Out August 2nd" " Recycling Event" & "Water Quality Report".

**Water Bill Insert Messages:**

1. March: Free Rain Barrels to reuse rainwater
2. April & May: Spring Cleanup
3. July: Lawn Care / Fertilizer and Pesticide Use
4. Aug & Sept: Free Rain Barrels to reuse storm water
5. Oct & Nov: Effects of Leaves on Storm drains
6. Dec-Jan2017: Take a snow Day / Winter Pollution Prevention Practices
7. Feb -Comment section of Water Bills not available



The season has finally arrived to prepare for backyard BBQ's and other outdoor parties. Lawn care and planting flowers is often a priority at this time. Take care when using fertilizers and pesticides. Over-applied product will wash off your lawn when it rains and will contaminate our waterways.

SPECIAL MESSAGE

The Village has met its measurable goal of including two storm water related articles in the Village "Morton Grove Exchange" newsletter and multiple message inserts in the monthly water bills in 2016.

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**BMP A.4 Community Events / Notify Developers, Engineers and Contractors of Workshop Programs**

Notification provided to target groups on various Storm water Seminars/Webcasts/ and Training Workshops in 2016 with regard to Erosion and Sediment Control, Green Infrastructure, Low Impact Development & Road Salt Pollution Prevention Strategies. ( provided by various entities such as NPDES, EPA, IL Center for Transportation, Stormwater-One, and NCCSWCD.

Coordinated and Participated at the following Instructional Community events: Farmers Market Winter Fest, May Mother’s Day Market, August National Night Out, American Legion Neighborhood Outreach Forum March 16, 2016 and Thomas Edison Elementary School Neighborhood Outreach June 15, 2016.

Morton Grove has met its measurable goal for 2016

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

The Village continues to acquire age appropriate information regarding storm water, making educational kits available for numerous age groups. February 2017 was the inaugural ‘Mayor for the Day’ at which point a Grade-Schooler was appointed Mayor of Morton Grove. He was provided with plentiful material to share with his classmates. Promotional items were also contributed.

Color it Blue
Glossary of Terms
Jar Gripper Fish /Keeping Our Water Clean
Rain is a resource / Building a Rain Garden
Ride the Water Cycle
Stormwater Pollution Potential
Stormwater tips for you
Think Spring and Pick Up Pet Poop
Thirsten’s
Water Sense for Kids
Water Use amounts
Word Searches

Enviroscaapes and materials are available for Classroom use upon request.

Stenciling kits are available for use upon request. Although a Village directed stencil program has not been performed as planned, cooperation of teacher and student participation in this program is once again, anticipated for the next permit year.

The Morton Grove Arborist has supplied classroom material and tree seedlings to several classroom/ecology classes in 4 schools for Arbor Day 2017. Again this year, hundreds of tree seedlings were distributed along with information on benefits of trees as it relates to Stormwater.

The Village met its goal for educational Stormwater kits in 2016.

**BMP A.6 Other Public Education /Web Site Links**

The Village web site found at [www.mortongroveil.org](http://www.mortongroveil.org)

The Village has been continually looking to add to the web site in 2016 links to storm water management/control information sites including information guidance to low impact development, rain gardens and reuse of Stormwater.

An all-age-appropriate link to “Freddy the Fish” is present. This is a storm water video highlighting basics of Stormwater and specific ways individuals can help in the reduction of polluted Stormwater runoff. It emphasizes the use of commercial carwashes over at home-street washing, pet waste control, lawn & garden care, household chemical and waste disposal & proper motor vehicle care.

Website Re-Design for Storm Water is still underway. New Photos have been obtained (bio-swales, outfalls, rain gardens, installed rain barrels, local pervious walkways). More user friendly links will be added as the year progresses and the new permit is implemented.

The Village met its goal for the website and other public education in 2016.

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

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

Our Citizens Advisory Panel is the Natural Resource Commission (NRC). Combining the NRC with the Community Relations Commission (CRC) is on-going, however, the merge has not been officially implemented. Therefore, compliance with this particular BMP has been accomplished thru a public meeting held at the Civic Center in June of 2016.

Revision highlights to the NPDES permit, listed by the EPA, has been on display for public review, at our Public Works facility. Public notification of this has been provided on our website thru a link to the EPA section for this information.

The Village met its measurable goal for presenting at a meeting, annually.

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

Public notice is provided through several measures when participation and involvement is invited; website, notification board at Village Hall, The Civic Center, Public Works and Morton Grove Facebook page. The NCCSWCD provides opportunity for attending their informational meetings on the second Thursday of each month.

The EPA has developed a plan called the EJ 2020 Action Agenda. One primary goal is to deepen environmental justice practices to improve the health and environment of communities. A successful implementation of this plan requires EPA's efforts to incorporate this into every aspect of EPA's work, including NPDES. When properly applied, the EPA expects that local area statistics will provide important guidance in identifying environmental justice areas and will facilitate the implementation of environmental justice policies. Although specific areas in the Village have not been identified as such, if in the future it is found, our GIS mapping system will be implemented for analysis.

Promotional Items with catchy logos to be identified as storm water related, continue to be distributed. These items have been purchased and provided for public use through several different avenues. (as prizes, involvement appreciation, and giveaways at events). These are accompanied by handouts concerning how to ensure the reduction of pollutants in storm water discharges. Discussions with homeowners at various events result in improved involvement to reduce stormwater runoff pollution.

Tracking citizen reports of illicit discharge concerns or maintenance problems are kept on file after investigation of incidents are completed (and rectified if necessary.) There has been one incident of a parked truck that may possibly have lost motor fluid. The incident was immediately rectified by the Water Sewer dept; any residual fluid was absorbed and the area was cleaned without any possibility of runoff. Additionally, a Village website link is provided for citizen reporting of such incidents. The Village welcomes and encourages the public to report issues that may affect the Village Waterways. A Stormwater Comment form is therefore made available to the residents.

In order to encourage outdoor water conservation and the reuse of stormwater, the Village of Morton Grove completed an IGA with MWRDGC providing free rain barrels to Morton Grove Residents. This has proven to be very popular. In calendar year 2016 alone, the number of applications received by residents exceeded 700 with a total of 1,478 rain barrels requested.

A reforestation program is ongoing with a focus of "Restoring Our Canopy". Residents are provided information with regard to trees and how they benefit stormwater runoff. Nine different species of trees are available to residents from which to choose. Morton Grove believes tree planting will provide long term benefits to the Great Lake Watershed area and prevent economic stress to our environment. One obvious outcome will be the diversion of rainfall; approximately 12,390 gallons per year for the first five years and as much as 252,000 gallons of rainfall will be diverted prior to reaching the storm drains by the projected mature canopies of these trees. Morton Grove's sewers drain primarily into the North Branch of the Chicago River which divides the community into two nearly equal halves. Additionally, roots from these trees will anchor soil, reduce erosion, and minimize soil sediment draining into storm drains. Roots will also filter the ground water and immediately impact non-point pollution and mitigate the next generation of Legacy contaminants which will undoubtedly arise from the frequent use of chemicals by our society.



The Village of Morton Grove is proud to announce that it has once again been named as a Tree City, U.S.A. by the Arbor Day Foundation.

2016 marks the 16<sup>th</sup> consecutive year that the Village has earned this honor. The Tree City designation is awarded in recognition of a municipality meeting the programs 4 requirements:

"Tree City U.S.A. communities see the impact an urban forest has in a community first hand", said Dan Lambe, President of the Arbor Day Foundation. "Recognition brings residents together and creates a sense of community pride." Mayor Dan DiMaria was particularly gratified to once again receive the recognition, "We listened to our residents 2 years ago when we worked to establish a Strategic Plan for the Village." Trees provide multiple benefits to a community when they are properly planted and maintained. They help to improve the visual appeal of neighborhoods, increase property values, reduce home cooling costs, remove air pollutants, and provide wildlife habitat.

The Village has met its measurable goal for Other Public Involvement in 2016.

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

### **BMP C.1 Sewer Map Preparation**

The Public Works/Engineering Department continues to revise and update the GIS Sewer Atlas and Outfall Storm Sewer Maps. Any significant additions and changes to storm sewers and/or outfalls will be submitted and revised within our GIS system. Additional layers have been added including rain barrel distribution locations, lead services, and private sector inspection locations that have been completed.

The Village met its measurable goal for revising GIS Sewer Atlas and Outfall Storm Sewer Maps for 2016.

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

Existing Village ordinances related to illicit discharges are reviewed and changes found to be necessary are noted for review. Evaluating the technical standards from other State, Federal and other Municipalities prove to help prepare Morton Grove for continued modifications & improvements to the current ordinance. Recognition and implementation of needed revisions have been logged.

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 or reported in 2016. Dry weather inspections of all outfalls have been complete again this year. A map 'outfall by population' denotes the approximate population affecting each outfall site, therefore providing one tool for prioritizing outfall inspections.

A plan for private sector inspections has been executed and has begun. A preliminary schedule for inspection has been approved and ongoing since June 2016.

The Village met its measurable goal for Tracing Illicit Discharges in 2016.

### **BMP C.5 Illicit Source Removal Procedures / Provide Information to Local Citizens for disposal of household pollutants.**

The Village makes continual revisions to developed procedures, as needed, to ensure that controls in place, protect our water quality and reduce the discharge of pollutants to the maximum extent practicable.

Storm water considerations are made through our permitting process and with Engineering review and approvals. This includes when flood control devices are installed. Green infrastructure and basic pollution prevention tips are handed out with each permit application. This information is available on-site at our building dept. as well.

A private sector inspection program has been developed, identifying and beginning with our high priority area, known as Basin 7. These inspections commenced in June, 2016. A GIS map, displaying the inspection schedule has also been created. To date, initial inspections were performed on the far West side where there were minimal compliance issues. We have now focused our inspections in Basin 7, with plans to work upstream, to Basin 10. Any identified non-compliance concerns have been communicated to residents and since resolved. Continuing forward, our high priority area inspections will further identify and rectify any private illicit discharges.

Information is available at Public Works, Village Hall, and on our website regarding drop sites for proper disposal of household pollutants, tires, oil, gas, antifreeze, paint, and other household hazardous waste. The main entity for this in our area is The Solid Waste Agency of Northern Cook County (SWANCC). Specific available dates and locations were advertised to our residents for their convenient removal/disposal of hazardous / household pollutants in 2016, via nearby neighboring community events. In addition to the website, printed schedules of these special/ local recycling events were provided. Morton Grove afforded its residents with a Document Destruction and Electronic recycling event on Saturday May, 21, 2016.

## **Document Destruction and Electronics Recycling Event 2016**

On Saturday, May 21st, the Village of Morton Grove will host a combined recycling event at the Civic Center, 6140 Dempster Avenue, from 9 a.m. to noon. Residents from Morton Grove and other SWANCC communities are eligible to participate, however materials will not be accepted from non-SWANCC residents, businesses, schools or institutions, and IDs will be checked for verification of residency - <http://swancc.org/swancc-who-is-swance>.

The Village met its measurable goal for Source Removal & Elimination in 2016.

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

The Village has inspected all 11 Outfall sites multiple times throughout 2016. Dry weather screening has been conducted during the year on these outfalls as well as our two CSO locations-and documented. No video inspections were found to be necessary. New photos have been obtained to include the outfall identification signs as well. Example below:



7840 Nagle Avenue, Morton Grove, Illinois, 60053  
(847) 470-5235 FAX (847) 965-9511

**OUTFALL INSPECTION SHEET**    **2016**

Inspected by: **P Miller**      **OUTFALL #   9**      **WATERSHED:** West Fork/ North Branch of Chicago River

**87 47' 48"**  
**42 2' 13"**

Access to end of pipe is: **OK**    Far fr Rd. **Steep**    Wet    Blocked  
End of pipe flows into: **River**    Stream    **Creek**    Ditch    Other:  
Grated? **YES**    NO  
End of pipe submerged? **YES**    YES    YES    YES    YES    YES    YES    YES  
If yes: Date:

DATE:	TIME:	TEMP.	End Date of last Rain	Amt. of last rain In inches	Outfall Flowing?	How long since last rain?	Amt of flow	Color of flow	Odor?	Debris?	In need of Clean Up	Condition of Grate
2-May-16	1:00p	49	1-May	0.17	Y	rain now 0-2 days 3 or > unk	ZERO barely slow medium fast	Clear Muddy Colored Oily	N	N	N	ok
2 Jun-16	9:48A	75	1-Jun	0.63	Y	rain now 0-2 days 3 or > unk	ZERO barely slow medium fast	Clear Muddy Colored Oily	N	Y	Y	ok
14-Jul-16	1:50P	75	13-Jul	0.66	N	rain now 0-2 days 3 or > unk	ZERO barely slow medium fast	Clear Muddy Colored Oily	N	N	N	ok
25-Jul-16	10:15A	83	24-Jul	2.4	Y	rain now 0-2 days 3 or > unk	ZERO barely slow medium fast	Clear Muddy Colored Oily	N	Y	Y	OK

There have been no reports or detection of any non-stormwater discharges or illegal dumping in 2016. Additionally, inspections have also been completed after significant rain events. For those five outfalls with a grate, if any clean up or repair is necessary, the Water and Sewer Dept. has immediately cleaned the area and removed all debris.

The Village met its measurable goal for Visual Dry Weather Screening in 2016.

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

"Differences between Sanitary and Storm Sewers" remains posted on our website. The Village continues to enforce the violation prohibiting all unauthorized non-storm water discharges into the storm sewer system.

If/when any CSO overflow happens, notification of this is received from the MWRD and is posted on our website.

A list of Morton Grove businesses, categorized by type, has been utilized for mailings of BMPs specific to each targeted audience. In 2016, four of the different type of businesses were targeted and provided BMPs: gas stations, storage facilities, and machine shops and salons.

Farmers Market participation provided opportunity for discussion and recognition of individual homeowner stormwater sewer maps and related outfall locations. Lawn care and watering restrictions were addressed as well as pet ownership responsibilities. Participating to some extent, in numerous Farmers Markets throughout the year is planned for each and every year.

Residents are also notified by mailed postcards, about the neighborhood outreach events and the opportunity to learn more about illicit discharges and personal pollution prevention tasks. These are ongoing events which we anticipate will continue well into the future.

Identification of outfall facilities has been developed for each. These signs were designed and manufactured for recognition of each outfall which contains contact information for any observed dumping, a warning and an outfall identification number.

The Village met its measurable goal for Public Notification in Permit Year 14.

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

The Village developed a Hotline with calls to be taken during working hours, by the Public Works/Engineering Department and off hours to be taken at the Police Department. Email contact information is included on the village Web Page. Monitoring of calls is ongoing and documented.

Water Bill comments campaigning for the reporting of any dumping and encouraging the practice of personal pollution prevention have been completed, again throughout the year in 2016.

The Village met its measurable goal for Other Illicit Discharge Controls in Permit Year 14.

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

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

The Village has an Erosion and Sediment Control and Grading Ordinance which controls polluted runoff while requiring implementation of proper erosion and sediment controls, and controls for other wastes on applicable construction sites.

### **BMP D.3 Other Waste Control**

Control of Materials and Debris has been included in the "Erosion and Sediment Control/Grading Ordinance. Qualifying Construction Site Owners are reminded that they are the responsible party for the design, (reviewed by engineering) the installation (inspections) and maintenance of storm water controls (future record keeping and inspections) which include the long term operation and maintenance plan.

The Village met its measurable goal for Regulatory Control Programs.

### **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. Reviewing procedures with contractors at pre-con meetings include discussion of weekly submittals of storm water observation forms (soil erosion inspection reports) as well as stop-work order process.

The Village met its measurable goal for Site Plan Review Procedures in 2016.

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

The Village tracks new construction activities and is prepared for complaints regarding soil erosion and sediment control. The complaint form is made available to the public via contact info on our website and forms used for the tracking of calls. Morton Grove will review the complaint form then investigate and prescribe corrective action if needed. One report was called into Public Works in 2016; incorrect material was used to protect a storm drain and caused flooding of the street during a rain event. This was immediately rectified by replacing it with a suitable filter basket.

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

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

Morton Grove has not had any qualifying sites in 2016 for inspections, therefore, no violations ensued.

Several properties, however, are in the works to begin in 2017&2018. One of five of these locations just began development in NPDES year 2017. We anticipate at least one more property to begin development this year.

The Village met its measurable goal for Inspection/Enforcement Procedures for Site Inspections in permit year 14.

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

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

Morton Grove requires developments and businesses to apply a storm water management strategy for controlling runoff and therefore minimizing volumes and rates. Parties are responsible to inspect and report on the condition of their detention facilities. Following and enforcing the MWRDGC regulations is required. Appropriate controls must be in place to protect water quality and reduce the discharge of pollutants to the maximum extent practicable.

Implementation of these strategies include following Morton Grove's ordinances. In order to minimize effects of runoff to receiving waters due to new development or re-development, prior planning and design are of utmost importance for Morton Grove to minimize pollutants in post construction stormwater discharges.

Strategy options for developers to adopt will focus upon preserving natural features of the sites, minimizing new impervious surfaces, proper conveyance of stormwater providing quality and quantity control.

The Village met its measurable goal for 2016 regarding the Regulatory Control Program.

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

The Village continues to review post development plans 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. Permits are only issued for projects which are in compliance with the provisions of the Morton Grove code which include proposed BMPs for post construction runoff control. These long term maintenance plans of each facility must be approved.

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

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

Within the engineering department, the village has a permit process that requires construction site runoff and post construction maintenance. Requirements reference the Illinois Urban Manual.

The Village has met its measurable goal for review of BMP designs for permit year 14.

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

Morton Grove has not had any qualifying sites in 2016, for inspections. However, all construction sites, no matter the size, are responsible to be in compliance with all regulatory controls, particularly regarding the protection of waterways and preventing the discharge of pollutants to the maximum extent practicable.

Other locations which maintain storm traps and other retention and detention sites have been notified requesting their maintenance logs. s.

The Village met its measurable goal, in permit year 14.

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

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

The Public Works/Engineering Department employees completed NPDES Training in 2016, through various avenues; Videos purchased through Excal Visual, distribution of articles to target departments, on-line webinars, workplace postings and outreach discussions.

Public Works posted and distributed to staff, various articles obtained thru EPA, IEPA, Water Environment Federation, and other agencies in 2016:

The Village met its measurable goal in permit year 14.

Information required by this form must be provided to comply with 415 ILCS 5/39 (1996). Failure to do so may prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.

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

In 2016, the Public Works Water and Sewer Division inspected/cleaned at a minimum, 41 curb drains. Twenty-four of these either resulted in a repair or a replacement. Jetting/ Vactor/ rodding completed on 4,828 feet of storm sewer pipe and 170 feet of storm sewer pipe was repaired or replaced. Periodic inspections were made during and following large storm events to verify the working condition of storm sewer inlets and detention/retention basins.

The Village met its goal for Permit Year 14 by completing inspections and maintenance of sewer systems.

## **BMP F 3 Municipal Operations Storm Water Control**

The Village identified current municipal activities that can 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. Additionally, frequent hydrant flushing, 830 this year, has been identified as a potential source as well.

The water dept. has created basin protections for our Public Works yard. All yard basins have been cleaned thru the year. Processing bins are cleaned and the triple basin cleanout is serviced quarterly.

The PW yard is cleaned with our sweepers weekly or more often if necessary.

### **Fleet Maintenance Activities**

The Vehicle Maintenance Department is responsible for the scheduling and performance of routine maintenance and all repairs to the municipal fleet . Our fleet covers PW, The Fire and Police Departments, Emergency Service Disaster Agency(ESDA), Family/Senior Services and the Administrative Department which consists of approximately 130 vehicles. The Fleet Department ensures that all Village vehicles and equipment are available, reliable and safe to operate in the most efficient manner possible. This includes safeguarding against all/any fluid leaks.

Activities in the Village's vehicle maintenance shop can potentially be a 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. Again this year, 'Spills & Skills' directed training aimed at many features of our operating system in the Fleet Maintenance Department of Public Works.

Floors in the PW facility as well as Fire & Police Departments garages are inspected, maintained and kept clean in as dry as possible condition.

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 is no longer any storage of old barrels outside the facility. There are no "significant materials" which are exposed to storm water.

Inventory of fluids used , whenever possible, are biodegradable fluids. For example, we continue to use Caterpillar's Biodegradable Hydraulic Oil.

### **Street Maintenance Activities**

The street division is responsible for the cleaning, repair and maintenance of our streets and alley ways. While protecting any pollution potential to the storm drains, the street division is responsible for general paving of streets & alleys and the continued application of cold-mix-asphalt.

### **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 approximately 60 lane miles of State and County streets within the boundaries of Morton Grove. 11,663 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. The total sweeping miles decreased slightly from last year due to one of the sweepers not performing as needed and numerous repairs were made prior to allowing it to be used.

### **Street Deicing Program –**

The Village is responsible for snow and ice control on not only our local roads but the State and County streets within Morton Grove. The snow removal program is designed to clear and haul snow from the major business centers: Dempster Street, Lincoln Avenue, Waukegan Road Corridor, Metra Station, alley ways and dead ends as needed. PW aims to reduce the road salt applied to the MEP, yet always keeping safety of all drivers a priority.

If the season requires hauling and storing snow, an agreement with Menards is utilized, to use their 'off-lot' located West of Lehigh/ South of Oakton. The lot is 4 acres of grass with the exception of the ¼ acre of driveway area. The closest storm drain is 3-400 feet away and the elevation of the dumping area is slightly lower than that of the drain. Runoff pollution is not an issue off of this area but when snowmelt occurs, the drain is inspected and protected if needed.

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Salt used as a deicing material is stored under roof in a newly constructed salt dome. Last year the reinforced concrete salt storage dome at the Public Works facility was replaced with a bigger, geodesic dome. This new building has secured more than 4,200 tons of salt used for deicing the Village and State roads. The design life of our new building is 50 years.

With awareness of the chloride initiative, the Village has purchased four new electronic application rate control devices which were installed on our vehicles and have proven to be very effective. Although this past winter season was very mild, these devices dispensed deicing material via road speed calibration, therefore minimizing any over application.

Our liquid calcium chloride is stored in fiberglass tanks. These tanks have been replaced with brand new ones last year. Additionally, the concrete curb installed to house any possibility of leakage to the yard has been successful as planned. 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. Again in 2016, deicing guidelines and training with IRMA thru a deicing workshop was provided.

#### **Leaf Pickup Programs –**

The Public Works Department provides weekly leaf collection service to all residents from October to December of each year. The total in 2016 was 1,429.30 tons of leaves generated from public and private property which were picked up 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 while enhancing the visual aesthetics of the community. Outstanding levels of refuse collection and recycling service, and an emphasis on litter control and roadside maintenance contribute to Morton Grove's reputation as a clean community. Residents contact PW for dead animal pick-up as well as missed pick-up of garbage and recycle bins. Mostly, all missed garbage and recycle bins are picked up the same day as reported to help alleviate any possibility of blowing debris.

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

The Village has had an ongoing program to reduce the infiltration and inflow entering 4.6 miles of the sanitary sewer system and prevent overflows and discharges to the storm sewer system for many years. Sanitary sewer studies and large rehabilitation projects (lining, replacement, manhole rehabilitation, etc.) are performed as capital projects under contract. The Village's Water and Sewer Division performs televising, 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 2016 the Public Works Department continued a Cured-In-Place Pipe Lining project. The project included 4,295 LF sanitary sewer pipe lined and 8,704 LF were televised. The Water and Sewer Division completed 109 Private Sector Sewer System/ Sump Pump Inspections.

#### **Forestry Department Activities –**

This department is responsible for all trees on public property, planting, care and maintenance including the removal of dead or diseased trees, stump grinding and parkway restoration. In addition, the crew has a certified arborist that provides assistance to residents and participates in public education. Annual visits are made to Public Schools to educate children about the benefits of trees for us and the environment. In addition, the arborist promotes Arbor Day activities while demonstrating proper tree planting techniques. Distributing trees, starting from seedlings, helps qualify the Village as a Tree City USA Community which we have been part of for 16 years. In 2016, the Forestry Department was a recipient of a tree planting grant provided by the US Forest Service in conjunction with the Great Lakes restoration initiative. This allowed the Village to plant 450 Parkway trees. These new trees will reduce soil erosion, increase interception of rainfall, improve soils and diminish the leaching of non-point source pollution.

#### **Landscaping Department Activities –**

This department is responsible for landscape design, planning and maintenance of Village owned properties and buildings. Additionally, responsibilities include Spring and Fall clean ups, alley and roadside clean-ups, Village parking lot maintenance as well as inspection of and improvements to street-scaped areas and/or detention areas / bio-swales. Within the Village, proper landscape design, planting and maintenance of all public and Village owned properties are implemented using green techniques to MEP, ensuring that climate change challenges and soil conditions are considered.

Day-to-day care of Village lawns, trees and shrubs takes place as well as providing and managing irrigation solutions, weed control and proper fertilizer application. Building lawn areas are mowed once a week, flowers are watered and weeded on a monthly basis and all other properties are cared for on an as-needed basis. This department also picks up debris which cannot be removed with our sweepers.

An 'Adopt-A-Pot' Program was initiated in 2016. A total of 91 large flower pots, plants and soil were provided for residents and businesses to plant and care for throughout the Village. The Metra Train station had 35 annual and perennials planted again. Maintenance of the parking lot bio-swale and 7 planting beds were completed again in 2016.

The Village met its goal of identifying current Public Works operations that can contribute to the discharge of pollutants to the storm sewer system in Permit Year 14.

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

Morton Grove continues allocating funds for their Stormwater facilities and related property improvements and projects. Our weather station equipment has provided more detailed rain, snow and general weather data to utilize for many project and task schedules.

### **Engineering Division Activities**

This department is 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, Water Main Improvement, Crack Sealing, street lighting 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. Additional duties include performing engineering studies related to the Village streets, sewers, water main infrastructure, performing work site inspections to verify code compliance, and advancing and maintaining the Village's Geographic Information System (GIS).

The Village met its measurable goal for Other Municipal Operations Controls in Permit year 14.

### **C.**

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

A minimum of one dry weather inspection completed for each of the eleven outfalls in 2016.

No illicit discharges were reported or observed in Permit Year 14.

Brian Levy is the Engineer at MWRD to contact for any large obstructions or blockages in our area of the North Branch of the Chicago River needing to be addressed. No blockages observed this year.

The outfall identification numbers and inspection dates are listed below for 2016:

Outfall #7: 5/5, 7/25, 10/3, 12/6 No Issues. Access difficult so not avail to inspect on occasion.

Outfall #8: 5/5, No issues. The four discharge pipes are now labeled by Crane

Outfall #9: 5/2, 6/2, 7/14, 7/25, 10/3, 12/6 Clean up needed and completed

Outfall #10: 5/5, 7/14, 8/23, 10/3, 12/6 No issues

Outfall #11: 5/5, 7/14, 8/23, 10/3, 12/6 No issues

Outfall #13: 5/5, 7/14, 8/23, 10/3, 12/6 No issues

Outfall #14: 5/5, 7/14, 8/23, 10/3, 12/6 No issues

Outfall #17: 5/2, 6/2, 7/13, 7/25, 8/23, 10/3, 12/6 No issues

Outfall #17B: 5/2, 6/2, 7/13, 7/25, 8/23, 10/3, 12/6 No issues

Outfall #18: 5/6, 6/2, 7/25, 8/23, 10/3, 12/6 Clean up needed 8/1/16 & completed same day.

Outfall #19: 5/2, 6/2, 7/25, 8/23, 10/3, 12/6 No issues

### **D.**

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

Not applicable.

### **E.**

**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.

- Contact school officials in September regarding the implementation of the stenciling program for the Fall of 2017.
- Continue submittal of newsletter articles for consideration to be included in each quarterly publication.
- Incorporate Seasonal staff into PW storm water training to be completed by end of June 2017.
- Upon admin approval, continue to update information in the takeaway racks on a monthly basis.
- Execute a larger sampling of private sector sewer system assessment program
- Complete installation of the remaining 4 Outfall identification Signs by December 2017
- Notify 4 additional groups located in Basin 7, (approx. 150 residents) of the requirement to complete a private sector inspection.
- Those locations with detention/retention facilities; continue gathering inspection data

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

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

Year 15: The Village of Morton Grove will obtain and make available new informational material and brochures for display at the Public Works/Engineering Department, Village Hall and Civic Center. Increase awareness of climate change effects on the environment, introduction of Environmental Justice concept, as well as more details pertaining to green infrastructure will be priority topics in 2017. Distribute appropriate resources to local targeted groups such as specific types of businesses present in Morton Grove. (Fitness centers, Health Industry, Dry Cleaners, Animal & Pet Facilities)

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

Year 15: The Village of Morton Grove will include a storm water and/or effects of climate change related article in the Village newsletter for the Spring and Autumn issues, or as space and opportunity allows.

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

Year 15: The Village is not scheduled for a workshop in year 15 of the Permit.

Our list of developers, contractors and local engineers will be reviewed and updated to reflect current licensed entities working in the Village.

Vehicle sticker season is a prime opportunity to reach our residents as they visit Village Hall for sticker purchases during this time. Promotional items attached to packets of information will be made available each day. The season begins in June this year. Prior years had vehicle sticker season begin in March and continue through the end of April. Changing the annual cycle for vehicle stickers allows for an expansion of the time to purchase stickers, consequently, allowing for a much longer direct opportunity to reach our residents with Stormwater information. The new cycle covers 3 months, as opposed to previous years, allowing only six weeks.

### **BMP A.5 Education Material**

Year 15: Enviroscaapes will continue to be made available upon request, for schools' use. Our tree dept. will be promoting our tree program, 'How Trees Tame Stormwater' including other benefits to 'restoring the canopy'. Additionally, in early Fall of 2017 we will again try to coordinate with students and teachers to schedule a storm-drain stenciling event. Enhance information for storm water educational kits for distribution upon request.

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

Year 15: At periodic intervals throughout 2017, our SWMP will be reviewed to identify any necessary or requested updates. Our website will then be adjusted to reflect any changes/modifications. Additional informational links will be added to further educate the public regarding Stormwater and our environment. New links such as NRDC, can provide information to incorporate information with Green Ideas and Low Impact Development as well as the effects of climate change. Information will also be provided by links to MWRDGC, IEPA and GlobalChange.gov.

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

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

Year 15: Presentation of the ongoing Stormwater program summary at another public meeting/event.

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

Year 15: Public Works will continue to 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. Presentations to different groups will continue to be completed at Neighborhood Outreach events at least twice per year. Attending other presentations will occur as opportunities are presented.

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

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

Year 15: The Public Works/Engineering Department continues updating the storm sewer mapping system within GIS. This will be updated with completed private sector inspections, and service line material inventory (lead/copper services).

### **BMP C.2, C.4, C.5 Regulations and Procedures related to Illicit Discharge**

Year 15: The Public Works/Engineering /Water Departments will continue investigating and cataloging reports of discharges to the storm sewer system and will also continue to enforce all current sewer regulations. The Village will execute a larger number of inspections of the private sector sewer system and water utility program to be completed by the Village Utility Inspector. Modifications to the current inspection schedule will be made as found necessary. Recognition and implementation of any needed revisions to the Village codes will be processed including the adoption of MWRD's WMO or incorporating necessary technical standards from other sources.

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

Year 15: All outfalls will be physically screened during dry weather, at least quarterly, and updated photos will be taken. If video inspections are needed, these will be completed.

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

Year 15: Future events are scheduled thru Administration and will be on the Stormwater presentation timetable as they are arranged and approved.

Four remaining outfall identification signs will be installed by the end of 2017. A short delay in completing the installation of the remaining few signs has occurred due to the difficult accessibility of the installation sites.

The Village of Morton Grove will continue to enforce the violation prohibiting all unauthorized non-stormwater discharges into the storm sewer system from village wide sources. Information related to targeted groups will continue to be furnished through direct mailings to 30% of business types.

### **BMP C.10 Other Illicit Discharges Controls**

Year 15: The Public Works/Engineering Stormwater web page will continually be updated to reflect the most current stormwater information available to Village residents. Contact links will remain in effect for resident concerns and we will continue to monitor calls from the reporting public on any illicit activities within the village's storm system. Resident participation in reporting will continue to be encouraged thru our water bill comment section, to the maximum extent practicable.

## **BMP D. Construction Runoff Control**

### **BMP D.1, D.3, D.4 Permitting Procedures**

Year 15: The Village continues permitting procedures which enforce Title 7 Chapter 10 of the MG Municipal Code. The applicant is to send notification to the IEPA of sediment and erosion control plans for developments greater or equal to one acre in size. Control of Materials and Debris has been included in the "Erosion and Sediment Control/Grading Ordinance" of Morton Grove which applies to all Morton Grove development/construction sites. Site Plan Reviews are ongoing and any issues or modifications are handled within the Engineering Dept.

### **BMP D.5 Public Info Handling**

Year 15: Investigating complaints received related to sediment erosion and control will continue and Morton Grove will prescribe corrective action for a solution based on the ordinance requirements.

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

Year 15: Title 7 Chapter 10 of the MG Municipal Code will continue to be enforced. Any violations and perspective corrective measures taken will be tracked, documented and then monitored.

In 2017, there is a possibility of five projects that will require such inspections. If these projects come to fruition, the inspections and any violations will be prescribed corrective actions and monitored.

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

### **BMP E.2 Regulatory Control**

Year 15: The Public Works/ Engineering Department will continue to review and revise the Code of Ordinances as required. Tracking of detention facilities' inspections and enforce the MWRDGC regulations will resume.

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

Year 15: The Village will continue to review and identify responsibility for maintenance of new storm sewer facilities with the continuation of requiring plans, maintenance tasks, and overland flow patterns to be defined in engineering plans. The Village engineering dept. will continue review of pre and post development plan during the design, construction, and long-term maintenance of the facility and incorporate technical standards applicable.

### **BMP E.4 Review of BMP Designs**

Year 15: The Public Works/Engineering Department will identify structural and non-structural BMPs to be included into the development guidelines. Village will maintain its review and enforcement of such plans for qualifying developments for Erosion and Sediment Control.

Information required by this form must be provided to comply with 415 ILCS 5/39 (1996). Failure to do so may prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.



#### **BMP E.5 Site Inspections**

Year 15: Site inspections will begin for any qualifying developments that may be executed in 2017. This will include keeping track of any failed inspections and requiring follow up corrective actions. Currently, only one construction site is permitted for 2017. However, as the year progresses, we anticipate up to four more sites may apply for permits before year end.

#### **BMP E.6 Post Construction Site Inspections**

Year 15: Any completed sites are inspected for proper overland flow and detention facility maintenance. Village to initiate correspondence to entities with completed detention facilities for the submittal of inspection reports and responsible party information.

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

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

Year 15: Continually research and incorporate training information from other agencies and provide annual training of employees.

##### **BMP F.2 Inspection/ Maint Program**

Year 15: 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. Formalize inspection schedule and implement inspections to the MEP with completing all inspections of detention and water quality ponds within Village limits.

##### **BMP F.3, Muni Operations Storm Water Controls**

Year 15: 2017 goals will be adjusted as found possible or necessary, with regard to budget or for occurrences throughout the year within each Public Works Department: Fleet, Street, Tree, Water, Sewer, and Engineering.

Morton Grove will be replacing two ice control vehicles with automated road speed rate controlled vehicles for both solid and liquid material in 2017.

One hundred parkway trees are to be planted in 2017, in order to help reduce soil erosion, increase interception of rainfall, improve soils and diminish the leaching of non-point source pollution.

##### **BMP F.6 Other Muni Operations Control**

Year 15: Video Inspections of both storm and sanitary sewer lines to continue. Resume allocating funds and scheduling parking lot improvements and other projects and their storm water facilities.

**F.**

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

Construction projects in Permit Year 15 funded by the Village of Morton Grove and covered by General Permit ILR400391 are listed below:

- |  |                             |
|--|-----------------------------|
| • Alley W of Waukegan b/w Church & Beckwith  | Alley Improvement           |
| • Alley W of Waukegan b/w Emerson & dead end | Alley Improvement           |
| • Beckwith Road Bridge                       | Expansion Joint Replacement |
| • Emerson- Octavia to Harlem                 | Street Resurfacing          |
| • Greenwood- Moody to Meade                  | Street Resurfacing          |
| • Harms Rd.- Central to Lake Street          | Street Resurfacing          |
| • Hazel- W Dead End to Lehigh                | Street Resurfacing          |
| • Kirk St- Central to Long Ave               | Street Resurfacing          |
| • Lake St- Parkview to Luna Ave              | Street Resurfacing          |
| • Lillibet Terr- Major to South Park Ave     | Street Resurfacing          |
| • Linder- Mulford to Kirk St                 | Street Resurfacing          |
| • Long Ave- Mulford to Kirk St               | Street Resurfacing          |
| • Luna- Lake to Church St                    | Street Resurfacing          |
| • Major- South Park to Theobald              | Street Resurfacing          |
| • Marion- Emerson to Foster St               | Street Resurfacing          |
| • Meade- Lake to Davis St                    | Street Resurfacing          |
| • Menard- Theobald to South Park Ave         | Street Resurfacing          |
| • Mulford St- Central to Long Ave            | Street Resurfacing          |
| • Murray Ct- Lyons St to Cul-de-sac          | Street Resurfacing          |
| • Ponto Dr- Shermer to Harlem                | Street Resurfacing          |
| • Theobald Rd- Marmora to Frontage Rd        | Street Resurfacing          |

<b>SIGNATURE:</b> 	<b>DATE:</b> 5/25/2017
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**Please submit inspection reports to:**

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