

**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 1, 2020 TO: FEB 28 2021 ILR400391 year #18		
<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> Kevin Lochner, Superintendent Water/Sewer Division KLochner@mortongroveil.org (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"/>

There were no changes to the Best Management Practices identified during this reporting period.

**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**

This document serves as the annual report for our 18<sup>th</sup> year under NPDES permit number ILR400391. By implementing procedures to the maximum extent practicable (MEP) Morton Grove continues to be in compliance with NPDES MS4 requirements. Throughout the past year, March 1, 2020 to February 28, 2021, the Village of Morton Grove has successfully adhered to the required procedures as documented in the ILR40 permit, issued in 2016. Due to the Village's deicing activities, a Special Condition requires Morton Grove to participate in a watershed group; Morton Grove is a member of and participates in the North Branch Chicago River Watershed Workgroup (NBWW) as well as the North Suburban Water Works Association (NSWWA) and Cook County's Northwest Water Commission.

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

The Village's current Best Management Practices (BMPs) have proven effective for minimizing storm-water pollution to MEP. Any modifications and/or improved plans were addressed in the NOI submitted in August of 2020. A requirement for any significant changes to our BMPs, as required by the permit, has been satisfied.

**Progress towards the Reduction in Pollutants Discharged**

Public awareness and involvement continues growing as well as improved practices put in place by businesses and companies located or working throughout the Village. With each additional piece of information shared, more progress is made toward achieving a greater reduction in pollutants discharged.

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### **Progress towards Achievement of Measurable Goals identified for Permit Year 18**

The stormwater management activities that the MS4 performed during Year 18 and the status of each of the BMPs and measurable goals described in the Stormwater Management Plan, as of Feb 28, 2021 are described below.

Additionally, the previous Facility Inspection Reports and the SWMP can be viewed at [www.mortongroveil.org](http://www.mortongroveil.org).

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

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

Morton Grove provides a large assortment of distributed material to its residents. Stormwater and the impact individuals have upon the potential of pollution, especially to our waterways, is continually promoted. In order to preserve, protect and improve water quality, material focusing on steps that can be taken to reduce pollutants in storm water runoff, are highlighted.

With emphasis given to a basic understanding of Stormwater at first, as the year progresses, more specific pollution prevention tactics are provided. This includes topics which consist of seasonal tips, climate change concerns, reduce-reuse-recycle, Low Impact Development options, and guidance documents for homeowner pollution prevention practices. Often this year, material concentrated on avoiding single-use plastics and proper disposal of personal protective equipment (PPE).

At the start of 2020, a variety of fact sheets and informational pamphlets were made available to residents in take away racks. This quickly changed to *postings* containing similar information. Take away racks were off limits for a majority of the year, however, postings of the informational material were placed in sight for residents to read/see. Contact information was made available for anyone looking for additional information or for those with any questions. Quarterly, postings are changed to reflect the upcoming seasonal impacts on potential pollution to Stormwater runoff.

Mailings of fact sheets, provided by the EPA, were made to Morton Grove automobile related businesses, pet / animal shops, & beauty salons.

#### **EXAMPLES:**

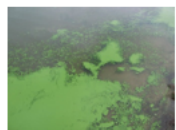


Autumn is around the corner and some leaves have already begun to turn colors. Inevitably, they will fall to the ground and become a source of pollution to our local waterways if they are not disposed of correctly. The Village of Morton Grove would like to remind you of the importance of preventing stormwater pollution while you make the most of the Autumn season.

Stormwater is formed when rainwater makes its way into storm drains or runs off our properties directly into our streams and river. On its journey to the waterway, stormwater will pick up harmful substances that pollute our watershed. There are many sources of stormwater pollution unique to autumn, and we need your help to control them. Remove grass clippings and other yard waste from hard surfaces and do not blow them into the street. This will cause harmful nutrient accumulation. These nutrients produce harmful **algae blooms** in the river, depleting oxygen content in the water which threatens human and wildlife health. Even rain seeping through leaf piles creates a nutrient-rich "tea" that flows along the curb and into nearby storm drains, even if the leaves themselves do not move into the drain system. |

#### **What you can do to help protect storm drains**

- Keep leaves and grass clippings off of the sidewalks and out of the streets until shortly prior to the Village's leaf sweeping day
- Compost leaves on site and away from storm drains. *Contain* your compost to keep nutrient-rich water from leaching into the storm system
- Place leaves into yard waste bags to be collected by Groot
- If you see a storm drain clogged with leaves, carefully clear them away
- Set your lawn mower to mulch and mow high. Taller grass retains moisture and catches grass clippings. Mow often enough that grass clippings are shorter than the remaining lawn and can be trapped on your lawn



**Remember...only rain down the storm drain.**

A little extra caution while you keep up with your fall to-do list can make a big difference for the health of our watershed, and we thank you for cooperating with this effort.



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### THREE MILLION.

That's the number of plastic water bottles that Americans use—**per hour**. Yes, you read that right. Nearly three million bottles, every hour of every day. These products made our **BAN List 2.0** as some of the world's worst plastic items—from both an environmental and toxic chemicals perspective. So where does all that plastic go?

### LESS THAN 30% OF PLASTIC WATER BOTTLES ARE RECYCLED.

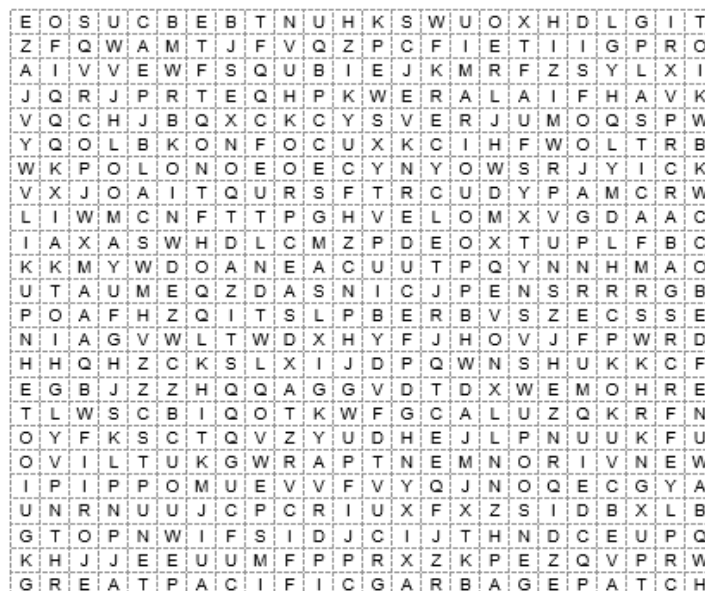
Roughly seven out of every 10 bottles are trashed. And from the landfill, many plastic water bottles end up in the ocean. 5 Gyres has historically supported bills to help change this reality: This year, we have endorsed AB 319 (Stone), which requires that all single-use plastic bottles sold in California have the cap connected to the bottle to prevent litter, increase recycling, and help the state reach its 75% recycling goal. Just like changing aluminum cans from pull to pop tops in the 1970s solved a health and safety problem, tethering the cap to the bottle will decrease the bottle cap and lid litter that pollutes our environment. We also supported a 2011 bill to ban plastic water bottles on federal lands, which was reversed by the National Park Service in 2017.

Consumers know that plastic water bottles are bad. A 2018 Mintel Water Insights study found that 29% of those who purchase and drink bottled water say that drinking it is bad for the environment, and 1 in 4 people have stopped purchasing bottled water because it is plastic.

The thing to remember about single-use plastic water bottles is: *You can avoid them.* Pledge to go **#plasticfree**:

- Keep a reusable cup or bottle in your car or bag, and fill it up on the go.
- Still not convinced? Bottled water is more expensive than gasoline and costs 2,000 times more than tap water—switching can save a lot of money!

## Recycling plastic



Bottles Earth Great pacific garbage patch Landfill Environment Bags Reuse  
Reduce Recycle Plastic



Stormwater@MortonGroveIL.org

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You are here: [Water](#) » [Pollution Prevention & Control](#) » [Permitting \(NPDES\)](#) » [Best Management Practices](#) » Automobile Maintenance

## Automobile Maintenance

**Minimum Measure:** Public Education and Outreach on Stormwater Impacts

**Subcategory:** Education for Businesses

### Description

This pollution prevention measure targets automobile maintenance businesses and other groups running fleets of vehicles such as schools and police departments. This measure's goal is to teach prevention methods that control pollutants and reduce stormwater effects. Automotive maintenance facilities are considered stormwater "hot spots," producing significant loads of hydrocarbons, trace metals, and other pollutants. Wastes generated in automobile maintenance facilities and by residents performing their own car maintenance include:

- Solvents (paints and paint thinners)
- Antifreeze
- Brake fluid and brake lining
- Batteries
- Motor oils
- Fuels (gasoline, diesel, kerosene)
- Lubricating grease

An estimated 180 million gallons of used oil is improperly disposed of each year (Alameda CCWP, 1992). The used oil from one oil change can contaminate 1 million gallons of freshwater — a year's supply for 50 people. For this reason, automotive maintenance facilities' discharges to storm and sanitary sewer systems are highly regulated. Fluid spills and improper disposal of materials result in pollutants, heavy metals, and toxic materials entering ground and surface water supplies, creating public health and environmental risks. Altering practices involving the cleanup and storage of automotive fluids and the cleaning of vehicle parts can help reduce the influence of automotive maintenance practices on stormwater runoff and local water supplies.



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

**For year 18, the Village is in compliance with its measurable goal of obtaining and distributing informational material and brochures that increase awareness of the impacts of pollution in runoff and storm water discharges.**



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

"The Morton Grove Exchange" is our local newsletter which is mailed to all residents of Morton Grove, on a quarterly basis. Upon approval by the Administration Dept., Stormwater related articles are included in each newsletter published. In 2020, for each newsletter, numerous stormwater options were submitted to administration for approval and publication. Topics covered minimizing pollutants from pet, pool and automotive ownership responsibilities, to climate change, green infrastructure and a sustainable environment. See below for a sample of those articles published.

#### **NEWSLETTER PUBLICATION**



## **Did You Know?**

### *10 Facts About Storm Water*

1. Storm sewers are designed to collect rainwater runoff only.
2. Water entering the storm sewer system is not treated before moving into downstream waterways, such as ponds, creeks and wetlands.
3. Sump pumps that collect surface or ground water discharge into the storm sewer.
4. Interior house drains enter a separate sanitary sewer system that flows to a treatment plant before releasing into downstream waterways.
5. Dumping of any pollutants or waste into a storm sewer is illegal and can pollute downstream waterways.
6. All open grated drains that can collect surface water are part of the storm sewer system.
7. Runoff may become polluted as it runs along roads, parking lots, roofs, lawns and construction sites.
8. Runoff may contain pollutants, such as automotive fluids, fertilizers and pesticides, leaves, sediment, litter and pet waste.
9. Everyone can help reduce the amount of pollution carried in the storm sewer system and downstream waterways.
10. Report illegal dumping or spills by calling the Public Works Department at 847-470-5235 or the police non-emergency number at 847-470-5200 after 3:15 PM or on weekends.

## **Morton Grove is Committed to a Sustainable Future**

The Village of Morton Grove is committed to effective and innovative practices that reduce the environmental impact of how we live, work, commute, and play. The Village integrates sustainability in all aspects of public services and is working with the community to prepare for a resilient future.



Recycling reduces the amount of waste sent to landfills, conserves natural resources, and prevents pollution. In addition to the residential recycling services provided by Groot, the Solid Waste Agency of Northern Cook County (SWANCC) offers recycling for end-of-life computers and electronics. For more information, visit [bit.ly/MGwaste](http://bit.ly/MGwaste)



The Chicago Metropolitan Agency for Planning (CMAP) awarded Morton Grove, Niles, and Skokie \$1.7 million to construct a shared multi-use path along Oakton Street (Caldwell Avenue to Gross Point Road) to promote active transportation.



In order to reduce energy consumption, the Village is committed to replacing traditional incandescent bulbs with LED and other energy efficient lighting sources. In 2019, the Village replaced the vast majority of bulbs at Village Hall, the Police Department, and Public Works with energy efficient bulbs. Street lights along Lincoln and Ferris Avenues were also updated to energy efficient lighting in 2019.



Morton Grove's public transit systems, including Pace and Metra, reduce overall vehicle emissions, improve air quality, and alleviate congestion. Pace is currently developing its second Pulse rapid transit line along Dempster Street between Evanston and O'Hare International Airport, which will connect to other Pace, Metra, and CTA transit routes. Service is anticipated to begin in 2020.



Stormwater runoff pollutes water bodies, overwhelms sewers, and threatens natural habitats. The Village and Metropolitan Water Reclamation District (MWRD) require construction exceeding a certain size to provide stormwater detention to reduce stormwater's negative impacts. This year, stormwater detention was constructed for 26 acres of new development on the Sawmill Station site, reducing the impact of runoff on the neighboring Cook County Forest Preserve property.

THE EXCHANGE 2020 WINTER EDITION

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**The Guardian**

## 'More masks than fish': coronavirus waste ends up in waterways

A surplus of discarded single-use masks and gloves is washing up on shorelines

Conservationists have warned that the coronavirus pandemic could spark a surge in waterway pollution

COVID WASTE ON youtube: [https://www.youtube.com/watch?time\\_continue=8&v=60vDnOeAcoA&feature=emb\\_logo](https://www.youtube.com/watch?time_continue=8&v=60vDnOeAcoA&feature=emb_logo)



These images will hopefully prompt people to embrace reusable masks and swap out latex gloves for frequent hand washing.



"It's the promise of pollution to come if nothing is done,"

**Water Bill Insert Messages** were submitted monthly, to be included on residential and commercial water bills in 2020. These water billing comments have proven to be very effective; all business and homeowners receive these messages, at a minimum, every other month. Larger commercial accounts receive monthly bills. Water billing comments vary in topics. **See examples below:**

  
**MORTON GROVE:** A river runs through it; help keep it clean  
and make "No Pollution" your New Year's resolution.  
[Stormwater@MortonGroveIL.org](mailto:Stormwater@MortonGroveIL.org)

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## MAY 2020

Our widespread use of plastic shopping bags and disposable water bottles is a large contributor to the huge amounts of trash making its way into our waterways. By making a small adjustment in your routine and minimizing your use of these items **You Can Make A World Of Difference.** Thank you. [Stormwater@MortonGroveIL.org](mailto:Stormwater@MortonGroveIL.org)



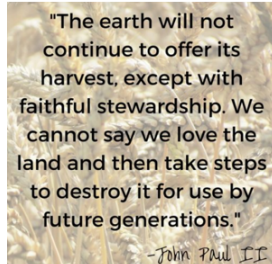
## JULY 2020



***High quality water is more than the dream of the conservationists, more than a political slogan; high quality water, in the right quantity at the right place at the right time, is essential to health, recreation, and economic growth.***

—Edmund S. Muskie (1914-1996), former US Secretary of State; Senator from Maine; and introduced the Clean Water Act bill in Congress in 1971.

## AUGUST 2020



To help, please keep from allowing anything other than rain or snowmelt to enter storm drains. This includes pet waste, grass clippings and leaves; these deplete oxygen in our waterways, resulting in excessive algae growth. Thank you. [Stormwater@MortonGroveIL.org](mailto:Stormwater@MortonGroveIL.org)

## NOVEMBER 2020

*Polluted water will make life harder.*



Please do your part to help prevent more pollution. Thank you. [Stormwater@MortonGroveIL.org](mailto:Stormwater@MortonGroveIL.org)



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

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

**The Village has met the measurable goal in year #18 of including two storm water related articles in the Village “Morton Grove Exchange” newsletter and multiple message inserts in the monthly water bills in 2020.**

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

Within the Building department, notification is provided to target groups including contractors and landscape companies, via postings in 2020, of various Environmental Virtual Events, webinars, discussions and training workshops in 2020; Erosion and Sediment Control, Green Infrastructure, Low Impact Development & Road Salt Pollution Prevention Strategies. (provided by various entities such as, NPDES, EPA, APWA, IL Center for Transportation & IDOT.) Community events; notification provided on Morton Grove's face-book page and website, of an assortment of webinars offered by countless community organizations covering a large range of environmental topics.

Reduce, Reuse, and Recycle efforts, supported thru an annual recycling event, in cooperation with the Solid Waste Agency of Northern Cook County (SWANCC), was cancelled in 2020. Promotions and information typically provided throughout Vehicle sticker season was replaced with additional website links and postings.

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

**Morton Grove has met its measurable goal to the maximum extent practicable in 2020, for Community Events and Developer Notifications**

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

With 2020 presenting such extraordinary obstacles, the educational materials remained available but for the most part, were unused. With school closings and the like, notification was provided on Morton Grove's face-book page and website, of the opportunity to still request these materials. Stormwater educational kits are prepared as needed. Materials which are obtained for each kit is individually age appropriate and acquired from various entities. Resources include materials from Center for Neighborhood Technology, Earth911, 4Ocean, Nat'l Wildlife Federation, Water Education Group, the MWRD, EPA, SWANCC and many others. Materials included in the kit promote water conservation, stormwater pollution prevention, recycling practices and reducing waste, benefits of tree planting and general environmental awareness.

In 2020, more focus was placed upon best management practice A.6 described below.

Our Enviro scape learning tools remain available for use upon request.

The Morton Grove Arborist has also made available, educational kits/material, although the 2020 hurdles prevented the majority of the material to remain unused here as well. Additionally, Arbor Day and Earth Day presentations were unavoidably cancelled.

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

**The Village met its goal, to the maximum extent practicable in 2020, for Educational Stormwater kits.**

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

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

Amplified focus has taken place on face-book and our website links in 2020. Our Stormwater section of the Village website continues to develop and expand the topics available for review. There is a continual addition of links to the site, which are related to pollution control, recycling guidance, climate change, use of plastics, and many other topics. Ample prospects have made access more easily obtainable (and without any fees), to various educational videos, zoom meetings, discussions and training sessions.



The Village website link is also an avenue provided for citizen reporting of incidents; Tracking citizen reports of illicit discharge concerns or maintenance problems. Additionally, 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 residents via the website.

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

**The Village met its goal for the website and other public education in 2020.**

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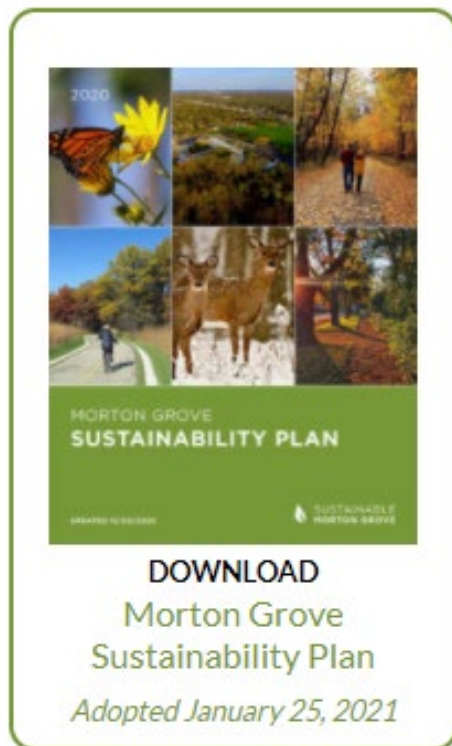
## **BMP B. Public Participation / Involvement**

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

Several boards, commissions, and committees have been established over the years to study and address specific needs within the Village of Morton Grove. Currently, there are over 125 people serving on these various commissions. While some commissions assist in the administration of specific programs, others make important policy recommendations to the Board of Trustees. The activities of each board, commission, and committee have a direct impact on the quality of life in the Village.

The Environment and Natural Resources Commission replaced the former Natural Resources Commission and will assist the Village Board's efforts to promote the conservation, preservation, improvement, and protection of the environment and natural resources of the Village. The Commission meets the 1st Tuesday of each month at 6:00 pm at Village Hall- or virtual meetings as recommended.

The first order of business was the development of the newly executed sustainability plan. This will be found on our website. Hard copies are available to the public upon request.



2020 required public hearings to be held online only. It is required that notification is published no more than 30 days and less than 10 days prior to the event. This notification is facilitated through our website, automated phone calls to residents and businesses, and e-news emails.

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

**The Village has complied with presenting at a public meeting, virtually, as required in 2020.**

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

Trees provide multiple benefits to a community when they are properly planted and maintained. Residents are provided information with regard to trees and how they benefit stormwater runoff. Each year residents are offered to obtain a tree through the 50/50 program. Nine different species of trees, native to our area, are available from which to choose.



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The Village of Morton Grove is very proud to announce that it has once again earned the honor to be named as a Tree City, U.S.A. by the Arbor Day Foundation for 2020.



### Morton Grove Named Tree City USA

The Village of Morton Grove was recently informed by the Arbor Day Foundation that it has once again earned the designation as a "Tree City USA." The designation is in recognition of the Village's continued commitment to effective urban forest management.

2020 marks the 19th year the Village has been honored with this title. Morton Grove has achieved Tree City USA recognition over the years by meeting the program's requirements by maintaining a department that is accountable for decisions impacting Village trees, adoption of a preservation ordinance, maintenance of an annual forestry budget of at least \$2 per capita and by formally observing Arbor Day.

The Tree City USA program is sponsored by the Arbor Day Foundation in partnership with the U.S. Forest Service and the National Association of State Foresters.

2

THE EXCHANGE 2020 FALL EDITION

Included in Arbor Day festivities, local schools participate in a school assembly where our arborist presents the benefits of trees and how it relates to stormwater runoff. Educational materials are provided.

**What Is Arbor Day?** The origins of Arbor Day date back to the early 1870s in Nebraska City. A journalist by the name of Julius Sterling Morton moved to the state with his wife, Caroline, in 1854, a little more than 10 years before Nebraska gained its statehood in 1867. The couple purchased 160 acres in Nebraska City and planted a wide variety of trees and shrubs in what was a primarily flat stretch of desolate plain.



Typical Tree Planting Educational Event (not held in 2020)

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Adopt a Planter Program; The program is open to individuals, families, groups, and businesses. In addition to the Spring program 2020 introduced the first Winter Adopt a Planter Program. Forms are made available on the Village's website or at Village Hall. The Village provides each participant with a Spring starter kit of approved plants or a designated pot with an evergreen for holiday decorating. Also included is a name card, instructions and information on the individual plants/trees. In 2020, over 100 planters were adopted by residents or businesses.



### 2020 Adopt-A-Planter Program a Success

Thanks to all the residents, businesses, and organizations who participated in the 2020 Adopt-A-Planter Program. You helped keep Morton Grove beautiful and festive this winter.



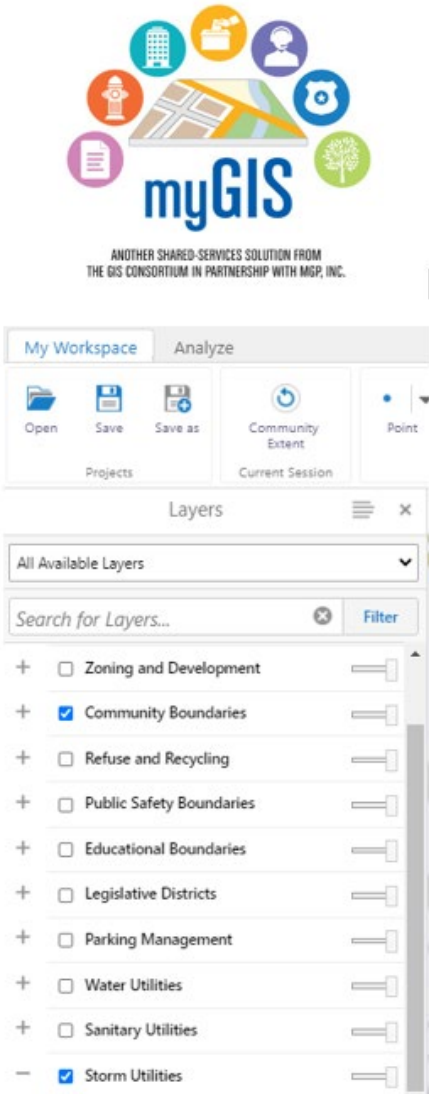
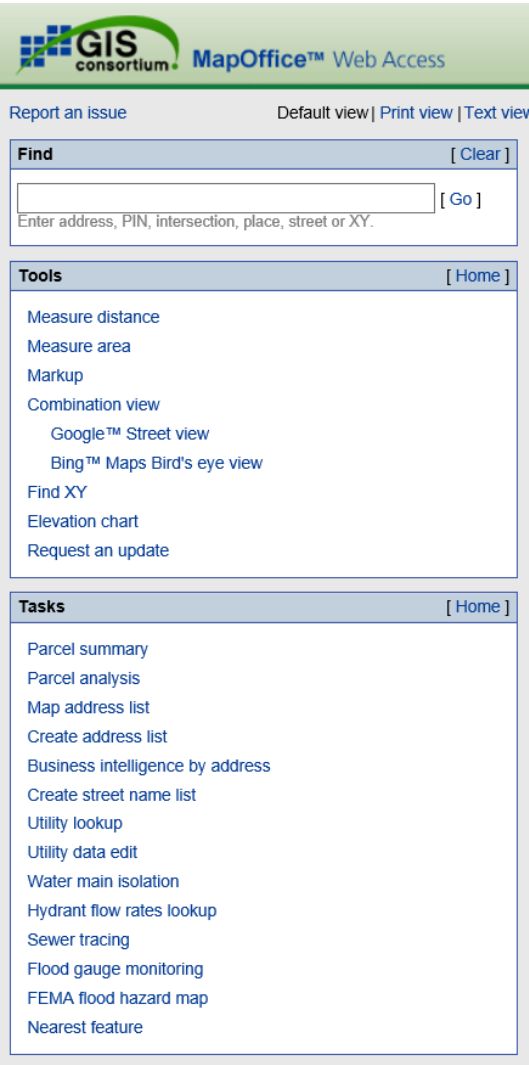
**BMP B.7 Other Public Involvement**  
The Village has met its measurable goal for Other Public Involvement in 2020.

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

**BMP C.1 Sewer Map Preparation**

Permit year 18 has proven to be a productive year with upgrades and additions to our GIS mapping tool. We have available both a *MapOffice* version through the consortium and the new and improved system *myGIS*. Tracking of the following is ongoing: Smoke testing, Sewer lining, Basin Cleaning, Sewer and basin dimensions, B-box locations, Water Main breaks, Lead / Copper Inventory, water meters, basement backups, tree inventory and many others.



**BMP C.1 Sewer Map Preparation**

**The Village met its measurable goal for continually updating the GIS Sewer Atlas and Village Maps for Permit Year 18.**

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

Morton Grove Municipal Code TITLE 7- Public Property and Utilities CHAPTER 5- Sewer Regulations, address sewer regulations and the Non- stormwater discharges which are prohibited to the storm sewer system in the Village. CHAPTER 10- Erosion and Sediment Control and Grading. After a detailed review this year and with changes by regulatory agencies, these codes have been marked for enhancements and upcoming changes. Studying the technical standards from MWRD, State, Federal and other Municipalities prove to help prepare Morton Grove for forthcoming approval to complete and improve the current ordinance.

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

**In 2020, The Village met its measurable goal for enforcement of the Sediment Control / Illicit Discharge Ordinance.**

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

MGPW Water Department uses several methods to detect & trace the source of any reported, identified or suspect illicit discharge in any area of the village. With the aid of our extensive GIS mapping system, flow direction and manhole locations are identified. Manhole observations and underground televising are some methods used for Illicit Discharge Tracing.

Upon any notification of a discharge, all contributory areas are identified. Working upstream, using methods mentioned above, probable locations will be noted. If deemed necessary, onsite inspections will be performed at nearby streets and buildings until the source has been identified.

The particular Outfall(s) for the area will be promptly inspected to confirm discharge did not and will not reach the waterway.

Both dry and wet weather inspections of all outfalls have been completed in 2020 and no illicit discharges reports were received.

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

**The Village met its measurable goal for Tracing Illicit Discharges in 2020.**

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

**Provide information to Local Citizens for disposal of household pollutants**

Because there are various sources of illicit discharges to the storm sewer system, there are different kinds of actions to take in order to remove those sources and prevent future illicit discharges. The Village makes continual revisions to developed procedures, as needed, to ensure that effective controls are in place, protecting our water quality and reducing/eliminating the discharge of pollutants to the maximum extent practicable. "No Dumping" reminders along with the reporting of such is requested within our water bill comment section, e-news and newsletter publications.

Often, home or business owners are not aware of the existence of illegal connections between their buildings and the storm sewer systems. In these cases, providing the responsible party with information about the connection, its environmental consequences, the applicable regulations/municipal codes, and how to remedy it may be enough to secure voluntary compliance. If further steps to obtain compliance are needed, a Notice of Sewer Violation is served. Proper construction, inspection and maintenance of the storm sewer pipes will also prevent illicit discharge problems.

A private sector inspection program has been developed and implemented. Our high priority area, known as Basin 7 has been completed. Any identified non -compliance concerns are communicated to residents, resolved then re-inspected for compliance. Moving forward into Basin 10, inspections here will continue to further identify and rectify any private illicit discharges, inflow or infiltration issues.

Information is available at Public Works, Village Hall, and links on our website regarding drop sites for proper disposal of household pollutants, tires, oil, gas, antifreeze, paint, and other household hazardous waste.

Providing Information to Residents for disposal of household pollutants is attained thru several channels; postings at village owned buildings, articles in our newsletter and /or the e-newsletter and website links. Solid Waste Agency of Northern Cook County (SWANCC) provides their members with assistance in coordinating special events for the disposal of household pollutants, paper shredding and electronic recycling. More information for permanent drop off sites can also be found via a link on our Village website.

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

**Provide information to Local Citizens for disposal of household pollutants**

**The Village met its measurable goal for Source Removal & Elimination procedures in 2020.**

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

Twelve outfalls located in the Village of Morton Grove have been inspected numerous times throughout 2020. At a minimum, this results in monthly inspections. Outfalls, during the *dry* weather screening, are observed to identify any existence of odor, color, turbidity and floatable matter. Outfalls are also inspected for stains and any damage to the structures.

There have been no reports of any non-stormwater discharges or illegal dumping in 2020. If any event/occurrence creates even a possibility of an inappropriate discharge to the outfalls, an immediate inspection is performed. Additionally, inspections have also been completed after significant rain events. If flowing physical indicators are present, the tracing procedure is immediately implemented.

For the outfalls with a grate present, if any clean up or repair is necessary, the Water and Sewer Dept. performs any needed repair work or cleans the area and removes all debris, straightaway.

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

**The Village has met its measurable goal for monthly inspections and Visual Dry Weather Screening in permit year 18.**

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

A list of Morton Grove businesses, categorized by type, has been utilized for mailings of BMPs specific to each targeted audience.

In 2020, multiple targeted audiences were mailed information providing a sample of the most appropriate BMPs for the particular group.

If/when any Combined Sewer or Sanitary Sewer Overflow occurs, notification of this is posted on our website as well as the MWRD website. No overflow occurrences in 2020.

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

**The Village met its measurable goal for Public Notification in 2020.**

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

Newsletter articles, handouts, mailings of BMPs and Water Bill comments campaigning for the reporting of any dumping and encouraging the practice of personal pollution prevention has been completed again throughout the year in 2020. For example, there are links on the webpage containing proper pool water discharge procedures.

The Village has a 24-hour Municipal Hotline. Calls during operating hours are taken by the Public Works/Engineering Department and off hours are to be taken at the Police Department. Email contact information is included on the Village Web Page.

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

**The Village met its measurable goal for Other Illicit Discharge Controls in Permit Year 18.**

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

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

Storm water considerations are made through our permitting process and with the Engineering Dept. review and approvals. This includes when any flood control devices are installed. This information is available where all permits are obtained> The Village Hall Building Department.

The Village has an Erosion and Sediment Control and Grading Ordinance (Title 7 Chapter 10) which requires the control of runoff while requiring implementation of proper erosion and sediment controls, and controls for other wastes on applicable construction sites. Studying the modified technical standards from MWRD, State, Federal and other Municipalities prove to help prepare Morton Grove for forthcoming approval to complete and improve the current ordinance.

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

**The Village met its measurable goal for Regulatory Control Programs in Permit Year 18**

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

This requires construction site managers to operate their sites to minimize adverse impacts to water quality. The Village's Control of Materials and Debris has been included in the "Erosion and Sediment Control/Grading Ordinance and is enforced regardless of development size. Informational sheets and /or training opportunities are made available on topics such as Stormwater and the Construction Industry, construction material recycling, Green Infrastructure and Low Impact Development.

Information and training seminar schedules are readily available for contractors thru postings in the building dept. Publications or online training opportunities are provided by entities such as Stormwater-One, Earth911, the EPA and The Green Infrastructure Foundation.

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

**The Village met its measurable goal for Other Waste Control in Permit Year 18.**

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 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 take place for all larger projects and review of the process by which any stop-work orders are implemented, if need be. Plans are reviewed by Engineering, in accordance to the provisions of the Watershed Management Ordinance/MWRD/Village Codes.

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

**The Village met its measurable goal for Site Plan Review Procedures in 2020.**

#### **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. Contact information is also posted at large construction sites. Morton Grove will review the complaint form then investigate and prescribe corrective action if needed.


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

**The Village met its measurable goal for Public Information and Handling Procedures in 2020.**

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

Morton Grove requires erosion and sediment control BMPs and each qualifying site will encounter inspections for compliance. ILR10 permits are displayed on-site. Record keeping documents for each phase, required per permit obligations, are kept on file at each location for review upon request.

#### **2020 ILR10 permits:**



Illinois Environmental  
Protection Agency

## Storm Water Notices of Intent for Construction

[Storm Water NOI Home](#) | [Quick Search](#)

### Search Options

\*Screen Tip: First, check a search option. Next, enter the required search criteria depending on the option selected, then click "Perform Search". There are additional links available next to the record in the results grid below to view additional details about the NOI. Simply click on the desired link to view each respective area. For example, Uploaded SWPPP files, if available, can be found by clicking the "View Files" link next to the corresponding NOI record(if there are no files to view then the column is blank). Permits with a "In-Progress" Status or with NO ILR# assigned will not display as a result after clicking perform search from this search page since those permits are not complete or have not been reviewed by IEPA.

☐ Find Permits By Status  
☐ Find Permits By Owner  
☐ Find Permits By Facility  
☒ Find Permits By Facility City  
☐ Find Permits By County

☐ Find Permits By Facility Address  
☐ Find Permits By Contractor  
☐ Find Permits By NPDES Number  
☐ Find Permits By Permit Id

\*Screen Tip: You may sort on column headings that are underlined. Your database field you are sorting on and the current direction of the sort is listed below. To change directions click the column again. Each time you click the column, the grid will be resorted in the opposite direction.

Search Criteria Used:

Current Sort:  Sort Direction:

<u>NPDES #</u>	<u>Facility Name</u>	<u>Facility City</u>	<u>Facility Address</u>	<u>Owner Name</u>	<u>Phone Number</u>	<u>County</u>	<u>Date Received</u>	<u>More Info.</u>	<u>Uploaded Files</u>
ILR10BN26	BECKWITH CROSSING 4 LOT SUBDIVISION SITE IMPROVEMENT PLAN	MORTON GROVE	6729 BECKWITH	ZAP PROPERTIES LLC	847-644-3908	COOK	06-10-2020	<a href="#">More Info.</a>	<a href="#">View Files</a>
ILR10BK95	SAWMILL PLACE	MORTON GROVE	6701 DEMPSTER ST	URBANSTREET GROUP LLC	222-222-2222	COOK	04-24-2020	<a href="#">More Info.</a>	<a href="#">View Files</a>
ILR10BF43	Raising Cane's #508	Morton Grove	6881 Dempster St.	Raising Cane's Restaurants, LLC	972-769-3357	COOK	01-21-2020	<a href="#">More Info.</a>	<a href="#">View Files</a>

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

**The Village met its measurable goal for Inspection/Enforcement Procedures for Site Inspections in permit year 18.**

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. 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 of runoff. Parties are responsible for sound planning procedures and implementing these procedures. Following and enforcing the MWRD regulations, in addition to Morton Grove codes, is compulsory. 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 compliance with 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 upmost importance for Morton Grove to ensure developments 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.

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

**The Village met its measurable goal for 2020 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. Emphasis is made on using subtle stormwater conveyance approaches to increase infiltration and decrease the volume and velocity of runoff leaving a site.

A combination of structural and/or non-structural BMPs to be implemented to minimize the type & quantity of pollutants in stormwater runoff:



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

**The Village has met its measurable goal for Long Term O&M Procedures for permit year 18.**

### **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.

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

**The Village has met its measurable goal for review of BMP designs for permit year 18.**

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

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. Final inspections are performed by building department staff at the end of each project, for compliance.

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

**The Village met its measurable goal, in permit year 18.**

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

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

The Public Works employees completed various modes of training in 2020; Distribution of articles to target departments, video presentations, on-line webinar opportunities, workplace postings and outreach discussions. Public Works posted and distributed to staff, various articles obtained thru entities such as the EPA, MWRD, Cargill, SMC-Lake County Stormwater Management Commission, The Conservation Foundation & others.



WHO WE ARE WHAT WE DO EXPLORE GET INVOLVED EVENTS RESOURCES CONTACT

## **BEYOND THE BASICS VIRTUAL CONFERENCE**

February 25, 2021 @ 8:00 am - 11:30 am



**Beyond the Basics 2021:  
Innovative Approaches to  
Stormwater Challenges**

February 25th, 2021



In addition to annual NPDES training, the Building Maintenance Dept. provided training in 2020 for Personal Protective Equipment, Fall Prevention & Protection Training, and Hazard Communication Standards.

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

**The Village met its measurable goal in permit year 18.**

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

The grounds of the Public Works Facility is inspected on a weekly basis. In 2020, the Public Works Water and Sewer Division inspected and cleaned 201 curb drains. Twenty-three of these either resulted in a repair or a replacement. Rodding was completed on 1,860 feet of storm sewers. Periodic inspections were made during and following large storm events to verify the working condition of storm sewer inlets and detention/retention basins.

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

**The Village met its goal for Permit Year 18 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, and sanitary sewer maintenance.

A total of 1050 hydrants are located in the Village, of which, 66 hydrants were flushed in 2020, with storm drain protection in place.

Basin protectors are in place for our Public Works yard and inspected weekly. All basins are cleaned throughout the year. Processing bins are cleaned and the triple basin cleanout is serviced quarterly.

The PW yard, parking area and street 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. 'Spills & Skills' video training was provided. Floors in the PW facility as well as Fire and Police Department garages are inspected, maintained and kept clean/dry.

### **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 application of both hot and cold-mix-asphalt.

### **Street Sweeping Program –**

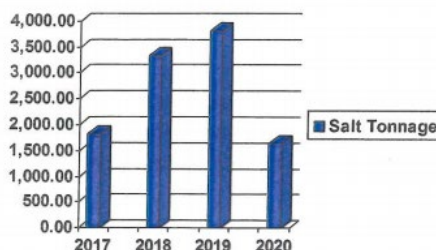
Street sweeping is necessary not only to keep streets clean but to prevent pollution from entering the village's sewer system. Street sweeping has a direct beneficial impact on water quality. The Village of Morton Grove is responsible for preserving the right-of-way throughout the Village and maintaining 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. In 2020, 5,535 miles of Village streets were swept by our sweepers, once a week, March through December and as needed in the winter months.

### **Street Deicing Program –**

The Village is responsible for snow and ice control within the entire Village, other than Golf Road, the northern most bordering street. This is maintained by the State of Illinois. Additionally, the snow removal program is designed to clear and haul snow from the Metra Train Station, municipal parking lots, alleys and off-street parking areas as well. As it is necessary to perform deicing activities, MGPW aims to reduce the road salt applied to the MEP, while keeping safety a priority. Morton Grove is a participant in the Chloride Reduction Initiative as well as a member of Cook County's watershed group; Northwest Water Commission, one group organized to implement control measures which will reduce the chloride concentration in our receiving waterway.

Minimal material was required in 2020 yet it remained to be primarily salt, calcium chloride and brine. With consideration of and participation in the ongoing chloride initiative, the Village is sure to continually use electronic application rate control devices. These devices dispense deicing material via road speed calibration, minimizing any over application. For 2020 salt tonnage was 1,657 tons.

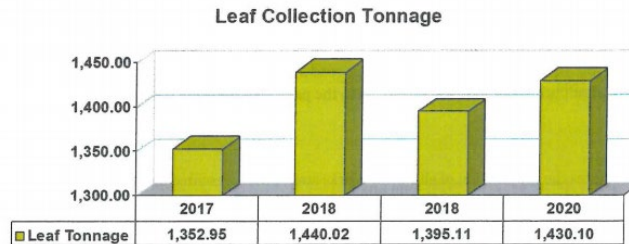
Salt used as a deicing material is stored in the covered salt dome in the PW yard. Our liquid calcium chloride is stored in fiberglass tanks surrounded by concrete curb, installed to house any possibility of leakage. No deicing materials are exposed to the elements during storage and there is no threat of release to the storm sewer system. BMP's employed by the Village prevent the discharge of pollutants to the Maximum Extent Practicable.



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.

### **Leaf Pickup Programs –**

The Public Works Department provides leaf collection service to all residents from October to December. The leaves collected in 2020 began Oct 19<sup>th</sup> thru Dec. 11<sup>th</sup> with 1,430 tons of leaves generated from both public and private property. It is encouraged that leaves be kept away from all curb drains and piled approximately 1 foot out from the curb. These leaves are stored shortly in the PW yard until 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 very clean community. Groot is the company for garbage pick-up for all single family homes. Residents can contact PW for missed pick-up of garbage and/or recycle bins. These are picked up the same day as reported to help alleviate any possibility of blowing debris.

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

The Village continues with its 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. Larger rehabilitation projects (lining, replacement, manhole rehabilitation, etc.) are performed as capital projects under contract with outside sources. 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.

### **Forestry Department Activities –**

The Village planted, once again, over 200 trees in 2020. 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 to us, of trees and the environment. In addition, the arborist promotes Arbor Day and Earth Day activities while demonstrating proper tree planting techniques and the benefits of tree population as it relates to stormwater runoff. Distributing trees, starting from seedlings, helps qualify the Village as a Tree City USA Community. These new trees will help to 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 scape 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. There is no use of pesticides and weed killer is used sparingly.

An 'Adopt-A-Pot' Program was first initiated in 2016 and has been implemented each year since. In 2020 over 100 large pots were made available along with the soil and flowers/trees, for residents and businesses to adopt.

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

**The Village met its goal of identifying current Public Works operations which may contribute to the discharge of pollutants to the storm sewer system and implement stormwater controls, in Permit Year 18.**

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

Morton Grove continues allocating funds for their Stormwater facilities and related programs, property improvements and projects.

**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).

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

**The Village met its measurable goal for Other Municipal Operations Controls in Permit year 18.**

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

Dry weather inspections were completed for each of the outfalls and CSOs. Outfall inspections completed after significant rain events in addition to the dry weather inspections. These inspections are done monthly, at a minimum.  
Data for all inspections at each outfall are on file, digitally, at Public Works. These files are available upon request.

No illicit discharges were reported or observed in Permit Year 18.

C.  
CONTINUED: Results of information collected

Village Utilities and Infrastructure:

The Sewer Division is responsible for the operation and maintenance of the Village's 40.6 miles of sanitary sewer pipe, 44.8 miles of storm sewer pipe and 21.13 miles of combined sewer pipe. Crews are equipped with the latest sewer rodding, drain-cleaning and video inspection equipment to effectively and quickly identify and clear problem areas in the sewer system. The Sewer Division also replaces and rebuilds aging sanitary, storm sewer pipes, basins and manhole structures throughout the Village. The lining of aging sanitary sewer pipe continues each year providing a new structurally sufficient pipe while decreasing infiltration and inflow from ground water run-off into the Metropolitan Water Reclamation District interceptors.

The following chart represents services performed in an area representing only 10% of the Village's separated area of Morton Grove.

Inspection Activity	Linear Feet or Number (current reporting year)	Total Linear Feet or Number (all STR reporting years)
CCTV	2,978	24,128
Smoke Testing	0	30,108
Dye Testing	0	4
Manholes	13	130
Lift Stations	0	0

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**C.**  
**CONTINUED: Results of information collected**

**Water quality monitoring (PART V.A.) performed thru The North Branch Watershed Workgroup (NBWW):**

The NBWW 2020 Work plan Scorecard:

[https://www.nbwwil.org/wp-content/uploads/2020/12/NBWW-Workplan\\_2020.pdf](https://www.nbwwil.org/wp-content/uploads/2020/12/NBWW-Workplan_2020.pdf)

NBWW's monitoring strategy- NBWW Monitoring Results>.

<https://www.nbwwil.org/wp-content/uploads/2020/12/NBWW-Monitoring>

NBWW Monitoring Site Locations:

<https://www.arcgis.com/home/webmap/viewer.html?webmap=b47c2711490648a0a01dc613927f2726>



# ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-3397  
JB PRITZKER, GOVERNOR JOHN J. KIM, DIRECTOR

217/782-3362

December 14, 2020



Village of Morton Grove (ILR400391)  
6101 Capulina Ave  
Morton Grove, IL 60053

Re: Notification of the North Branch Chicago River Watershed TMDL Report Approval

To: NPDES\MS4 Permittee, TMDL Public Meeting Participants & other Stakeholders:

The *North Branch Chicago River Watershed Total Maximum Daily Load (TMDL) Report for fecal coliform, chloride, and total phosphorus* was approved by U.S. Environmental Protection Agency on April 13, 2020, and is available on the Agency's TMDL website:

<https://www2.illinois.gov/cpa/topics/water-quality/watershed-management/tmdls/Pages/reports.aspx>.

The report includes a Responsiveness Summary, which addresses questions and comments submitted during the Stage 3 public comment period.

Pursuant to Section 303(d) of the 1972 federal Clean Water Act, 33 USC 1313(d), Illinois is required to develop a list of impaired waters. These impaired waters do not meet designated uses and the water quality standards set for them, even after point sources of pollution have installed the minimum required levels of pollution control technology. The law requires that Illinois establish priority rankings for waters on the 303(d) lists and develop TMDLs for these waters.

Illinois EPA views TMDLs as a tool to develop water quality-based control actions to be incorporated into an overall watershed management approach. The TMDL establishes the link between water quality standards assessment and water quality-based solutions. For the TMDL to be successful, NPDES Permittees (Point Sources) in the watershed must work with Illinois EPA's Permit Section to address the Wasteload Allocation (WLA) during the next cycle of the NPDES permit renewal process, while the Load Allocation (LA)—nonpoint sources pollution is addressed through voluntary and incentive-based approaches, such as participation in the Agency's Section 319 funding program for developing and implementing watershed-based plans.

Page 2

The voluntary management measures recommended in the TMDL Report can be successfully implemented through the leadership of NBWW and local stakeholders within the watershed.

The Illinois Nonpoint Source Management Program, administered by the Illinois EPA, was developed to meet the requirements of Section 319 of the Clean Water Act (CWA) to financially assist watershed planning and implementation efforts. The program can assist local entities with technical and financial assistance to develop programs to implement best management practices and outreach activities. For more information, visit the Agency's website at: <https://www2.illinois.gov/cpa/topics/water-quality/watershed-management/nonpoint-sources/Pages/grants.aspx>

If you have questions regarding the TMDL Report, please contact Abel Haile by email ([Abel.Haile@Illinois.gov](mailto:Abel.Haile@Illinois.gov)) or by phone at 217/782-3362. Questions regarding NPDES Permit should be directed to the Permit Section at 217/782-0610.

Questions regarding the Illinois Nonpoint Source Management Program can be directed to me at [Christine.Davis@Illinois.gov](mailto:Christine.Davis@Illinois.gov) or by phone at 217/782-3362.

Sincerely,

Christine Davis  
Manager, Watershed Management Section  
Bureau of Water

N: BOW\planning\plandocs\tmdl\North Branch Chicago River Watershed Final TMDL Report-Stakeholder-NPDES Permittee\_Notification\_Letter (12-10-2020). docs

Additional information can be found for Waterbody ID IL\_HCCB-05 > <https://mywaterway.epa.gov/community/60053/overview>



## Waterbody Quality Assessment

[Return to home page](#)

### On This Page

- [Causes of Impairment](#)
- [Probable Sources Contributing to Impairments](#)

State: [Illinois](#)

Waterbody ID: IL\_HCCB-05

Location: 07120003, 1

State Waterbody Type: Stream

EPA Waterbody Type: Rivers and Streams

Water Size: 14.48

Units: miles

The overall status of this waterbody is Impaired.

### Description of this table

Designated Use	Designated Use Group	Status
Aesthetic Quality	Aesthetic Value	Good
Aquatic Life	Fish, Shellfish, And Wildlife Protection And Propagation	Impaired
Fish Consumption	Aquatic Life Harvesting	Not Assessed
Primary Contact Recreation	Recreation	Impaired
Secondary Contact	Recreation	Not Assessed

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

### Water quality monitoring (PART V.A.) performed thru The North Branch Chicago River Watershed Workgroup



NORTH BRANCH  
CHICAGO RIVER  
WATERSHED  
WORKGROUP

North Branch Chicago River Watershed Workgroup  
2020 Annual Monitoring Report

The North Branch Chicago River Watershed Workgroup (NBWW) formed in January 2018 with a primary goal of improving water quality in the North Branch Chicago River watershed in Lake and Cook Counties through a collaborative, locally lead process. To accomplish this, the NBWW has designed a comprehensive bioassessment monitoring program that consists of water and sediment chemistry, fish, macroinvertebrate, and habitat sampling and analysis.

Membership in the group consists of municipal and county government agencies, publicly owned treatment works (POTWs), park districts consulting firms, and environmental not-for-profits. The Table below lists the National Pollutant Discharge Elimination System (NPDES) & Municipal Separate Storm Sewer Systems (MS4) permit holding agencies members participating in the NBWW.

City of Highland Park	Village of Bannockburn
City of Lake Forest	Village of Deerfield
City of North Chicago	Village of Glencoe
City of Park City	Village of Glenview
Cook County	Village of Green Oaks
Cook County Dept. of Transportation & Highways	Village of Lincolnshire
East Skokie Drainage District	Village of Morton Grove
Forest Preserve District of Cook County	Village of Niles
Lake County	Village of Northbrook
Lake County Division of Transportation	Village of Northfield
Libertyville Township	Village of Riverwoods
North Shore Water Reclamation District - Clavey Road	Village of Skokie
Union One Middle Fork Drainage District	Village of Wilmette
Union One West Fork Drainage District	Village of Winnetka
Vernon Township	West Deerfield Township

The monitoring results presented in this report are intended to meet the member agency requirement for the Special Conditions of the POTWs NPDES permits related to monitoring of receiving streams and to meet the monitoring component for MS4 NPDES permits. The overall comprehensive monitoring strategy designed by the NBWW is intended to play a significant role in assessing the impacts of the 2021 Watershed Based Plan being developed for the North Branch Chicago River Watershed in Lake and Cook Counties. The Monitoring Strategy and Quality Assurance Project Plan were approved by the Illinois EPA in April 2019. The report below summarizes the NBWW monitoring program and included the data acquired from water chemistry monitoring conducted during 2020.

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**E.**

**Attach a summary of the storm water activities you plan to undertake during the next reporting cycle**

The following information is planned for YEAR # 19 > March 2021 thru Feb 2022

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

**BMP A. Public Education and Outreach**

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

Year 19: 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. 2021 will include single use plastic ramifications, information on types of water pollution and ways to prevent this. Materials will be updated quarterly and replenished monthly.

**BMP A.3 Newsletter Articles**

Year 19: The Village of Morton Grove will submit for approval, articles pertaining to stormwater, environmental sustainability and pollution prevention. These will be submitted to be included in the Village newsletter for the Spring, Autumn and Winter issues, or as space and opportunity allows. These articles may include actions that can be taken by residents for personal pollution prevention practices, helping to minimize pollutants making their way to our waterways.

**BMP A.4 Community Event**

Year 19: As restrictions are slowly lifted, events will eventually resume. The recycle event will take place at a different location but will transpire in 2021. This proves to be a prime opportunity to reach residents. Although this event is open to all SWANCC communities, 95% of the attendees are from Morton Grove. Promotional items attached to packets of information will be made available at each event as they recommence.

**BMP A.5 Education Material**

Year 19: Educational kits will continue to be available for use by instructors upon request. Information will be obtained from organizations such as Sciencetopia, SWANCC, Eschooltoday, Green Schools Alliance, and other groups. Our tree dept. will again visit a Third Grade class to promote our tree program, present on 'How Trees Tame Stormwater and provide tree seedlings to the students.

**BMP A.6 Web Site Links**

Year 19: At periodic intervals throughout 2021, current stormwater information and related links will be reviewed, added to and modified as needed. Concentration on face book and website articles will remain an important mode of outreach until virus restrictions are lifted.

**BMP B. Public Participation/Involvement**

**BMP B.4 Public Meeting**

Year 19: Present & discuss Stormwater and/or Environmental Sustainability topics as well as energy efficiency practices at outreach events as they resume throughout the year

**BMP B.7 Other Public Involvement**

Year 19: Public Works will continue to provide residents and businesses to participate in the 'Adopt a Planter' for both Spring and Winter seasons.

**BMP C. Illicit Discharge, Detection and Elimination (IDDE)**

**BMP C.1 Storm Sewer Mapping**

Year 19: 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) as well as sewer/basin dimensions and inspection details. As information is obtained in the field, this is documented and submitted to our GIS personnel to update the mapping system.

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

Year 19: The Public Works/Engineering /Water Departments will continue investigating and catalogue 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 Inspectors. 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.

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

Year 19: Outfalls will be inspected monthly, or more often due to any significant rain events.

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

Year 19: MG Website and Facebook page will be utilized for public notifications. The Village of Morton Grove will continue to enforce any violations prohibiting all unauthorized non-stormwater discharges into the storm sewer system. Information related to targeted groups will continue to be furnished through direct mailings.

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

Year 19: The Public Works/Engineering Stormwater web page will continually be updated to reflect the most current stormwater information available to Village residents. Contact links on the website 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 19: The Village continues permitting procedures which enforce Title 7 Chapter 10 of the MG Municipal Code. 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 19:** Contact links on the website will available 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.

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

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

Year 19: 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.

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

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

Year 19: The Public Works/ Engineering Department will continue to review and revise the Code of Ordinances as required. Enforcement of the MWRDGC regulations will resume.

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

Year 19: 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 plans during the design, construction, and long-term maintenance of the facility and incorporate technical standards applicable.

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

Year 19: 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.

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

Year 19: Site inspections will begin for any qualifying developments that may be executed in 2021. This will include keeping track of any failed inspections and requiring follow up corrective actions.

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

Year 19: 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 19: Continually research and incorporate training information from other agencies and provide annual training of various topics to Public Works staff.

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

Year 19: The Public Works/Engineering Department will identify educational material and/or develop new procedures & 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. Continue to formalize inspection schedule and implement inspections to the MEP with completing all inspections of in house areas. Continual inspections of village owned buildings will be completed.

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

Year 19: During the course of 2021, goals will be adjusted as needed with regard to budget or for occurrences throughout the year within each Public Works Department: Fleet, Street, Tree, Water, Sewer, and Engineering. Over 200 tree plantings will again be planned for 2021, assisting in the reduction of soil erosion, increase interception of rainfall, & improve soils while increasing the Village Canopy.

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

Year 19: Video Inspections continue of both storm and sanitary sewer lines. Replacement of damaged sewer covers. Resume allocating funds in order to schedule and implement parking lot improvements and other various 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 18 funded by the Village of Morton Grove and covered by General Permit ILR400391 are listed below:

No Construction Projects were funded by the Village of Morton Grove in Year 18.

**SIGNATURE:**

**DATE:**

**Please submit inspection reports to: [epa.ms4annualinsp@illinois.gov](mailto:epa.ms4annualinsp@illinois.gov)**

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

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