

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

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

Complete each section of this report.

REPORT PERIOD: FROM: MARCH 1, 2022 TO: FEB 28 2023 ILR400391 year #20		
MS4 OPERATOR INFORMATION: (As it appears on the current permit)		
NAME: Village of Morton Grove		TELEPHONE NUMBER: 847-470-5235
MAILING ADDRESS: 7840 Nagle Avenue		E-MAIL ADDRESS: KLOCHNER@MortonGroveil.org
VILLAGE: Morton Grove	STATE: Illinois	ZIP: 60053
CONTACT PERSON: Kevin Lochner, Superintendent Water/Sewer Division klochner@mortongroveil.org (Person responsible for Annual Report)		
NAME(S) OF GOVERNMENTAL ENTITY (IES) IN WHICH MS4 IS LOCATED: (As it appears on the current permit)		
Village of Morton Grove, Cook County, Illinois		

THE FOLLOWING ITEMS MUST BE ADDRESSED.

A. CHANGES TO BEST MANAGEMENT PRACTICES (check appropriate BMP change(s) and attach information regarding change(s) to BMP and measurable goals.)

1. Public Education and Outreach	☐	4. Construction Site Runoff Control	☐
2. Public Participation/Involvement	☐	5. Post-Construction Runoff Control	☐
3. Illicit Discharge Detection & Elimination	☐	6. Pollution Prevention/Good Housekeeping	☐

There were no changes to the Best Management Practices 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 20th year under NPDES permit number ILR400391. By implementing procedures as described within this report, Morton Grove complies with NPDES MS4 requirements. Throughout the period beginning March 1, 2022 ending February 28, 2023, the Village of Morton Grove has successfully adhered to the required procedures as documented in the ILR40 permit. Our selection of BMPs remain appropriate for reporting year #20.

Due to the Village's deicing activities, a Special Condition requires Morton Grove to participate in a watershed workgroup; Morton Grove is a member of the North Branch Chicago River Watershed Workgroup (NBWW) The North Suburban Water Works Association (NSWWA) and Cook County's Northwest Water Commission (NWC).

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.

Assessment of Appropriateness of Identified BMP's

The Village's current Best Management Practices (BMPs) have proven effective for minimizing storm-water pollution to the maximum extent practicable. Any modifications and/or improved plans were addressed in the NOI submitted in August of 2020 and will be reflected in this annual report for Permit Year 20.

Progress towards the Reduction in Pollutants Discharged

With a greater understanding of Stormwater management, together with improved pollution prevention practices, businesses and residents both have made large strides towards the reduction in pollutants discharged. Due to a visible increase in the level of environmental interests, advancements towards restoring and maintaining the integrity of our waterways have been recognized.

Progress towards Achievement of Measurable Goals identified for Permit Year 20

The stormwater management activities implemented by the MS4 community throughout Year 20 as well as the status of each of the BMPs and measurable goals as of Feb 28, 2023 are described below.

BMP A. Public Education and Outreach

BMP A.1 Distribution of Informational Material and Brochures

The impact individuals have upon the potential of contributing to pollution, especially to our waterways through stormwater sewer systems, is continually pressed upon residents and businesses alike. Beginning with a broad explanation of stormwater management and our local storm sewer system, outreach materials are distributed throughout the year. The complexity of the material progresses monthly.

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 focused upon.

On a monthly basis, materials are inventoried, reviewed, modified and updated/replenished as needed.

Quarterly, resources are updated to reflect topics representing the upcoming season, events and/or holidays.

In 2022, educational material reinforced the concern with use of all plastics. The effects this material has upon our planet and the degree to which it is a pollution problem is outlined.

EXAMPLE:

RECYCLING
(R/P)

PLASTICS

<https://www.ngr.org/plastics-recycle/>
by: Rebecca Davis and Christopher Joyce



PLASTIC WRAP Not recyclable curbside |

At the store we find it covering vegetables, meats and cheeses. It's common, but it can't be recycled because it's hard to deal with at the material recovery facility, or MRF. The MRF is where items collected from residences, offices and more through public and private recycling programs are taken to be sorted, baled and sold. The thin film gets wrapped around the equipment and can bring the operation to a standstill.



PLASTIC BAGS AND SOME WRAPPERS

Not recyclable curbside. Take plastic bags back to the grocery store for recycling. DO NOT use them to collect your recycled items.

Plastic bags — like those used for bread, newspapers and as cereal box liners, as well as sandwich bags, dry cleaning bags and grocery bags — create similar problems for recycling machinery as thin plastic film. However, bags and wrappers, like those that come around paper towels, can be returned to the grocery store for recycling. Thin plastic film cannot. There are approximately 10,000 plastic bag drop-off bins at major grocery store chains, including Walmart and Target, around the country. These retailers send the plastic to recyclers, who use the material in products such as composite decking.



<SMALL PLASTICS

Not usually recyclable, but double check. Small plastics, roughly 3 inches or smaller, also can cause problems for recycling equipment. Bread bag clips, pill packaging, single-use condiment pouches — all of these small pieces get caught or fall between the belts and gears of the machinery at the MRF.



FLEXIBLE PACKAGING>

Not recyclable curbside. Check the packaging for more information. This type of packaging flattens out on the MRF's conveyor belt and ends up being incorrectly sorted and mixed with paper, rendering the whole bale unsellable.

Flexible packaging such as potato chip bags are made from layers of different types of plastic and often are lined with aluminum. It's not possible to easily separate the layers and capture the desired resin.



POLYSTYRENE FOAM Not recyclable

Foam polystyrene, like that found in meat packaging or egg cartons, is made of mostly air. A special machine is required to remove the air and condense the material into a patty or block for resale. These foam products have little value because once the air is removed, very little material remains.

The plastic problem isn't your fault, but you can be part of the solution
visit: <https://www.ngr.org/2021/07/12/1015298355/zero-waste-single-use-plastic-trash-recycle>

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BMP A.1 Distribution of Informational Material and Brochures CONT>

Take away racks were supplied with approximately 20 copies of at least ten different documents. Contact information was made available for anyone looking for additional information or for those with any questions.

Information describing gray vs green stormwater infrastructure (GSI) was mailed to business owners providing examples by which they can participate. (use of rain barrels, planting trees, rain gardens). Explaining how the use of GSI elements reduces the flow to the storm sewer system, thereby providing Morton Grove with flood protection, diverse habitat and green spaces, help facilitate business owner participation.



Additionally, the pillars of sustainability were explained and demonstrated within numerous handouts. The importance of the Environmental Pillar unfolded, explaining how it is the ability to maintain an ecological balance in our planet's natural environment and conserve natural resources to support the wellbeing of current and future generations. Material discussing climate change was made available, presenting the variety of challenges present and how the consequences have become increasingly apparent. Data and statistics have been shared with regard to rising global temperatures, extreme droughts, strengthening tropical storms, destructive wildfires and an increase in devastating floods.



BMP A.1 Distribution of Informational Material and Brochures

For year 20, the Village has complied with its measurable goal of mailing and distributing informational material and fact sheets that increase awareness of green infrastructure practices and the impacts of pollution in runoff and storm water discharges.

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

Water bills afford the opportunity to reach Morton Grove Residents directly, every other month. Within each monthly water bill, stormwater phrases, tips, quotes or topics are included in its comment section, upon approval.

 Incredibly Close & Amazingly Open MORTON GROVE IL 60053-1402	VILLAGE OF MORTON GROVE 6101 CAPULINA AVENUE MORTON GROVE, IL 60053 847-470-5222 www.mortongroveil.org	Account Statement BANK DRAFT ACCOUNT INFORMATION ACCOUNT: SERVICE ADDRESS: SERVICE PERIOD: 03/29/2022 to 05/26/2022 BILLING DATE: 06/01/2022 DUE DATE: 06/25/2022 METER READING <table border="1"><thead><tr><th>Serial No</th><th>Previous Reading Date</th><th>Previous Reading</th><th>Current Reading Date</th><th>Current Reading</th><th>Cons</th></tr></thead><tbody><tr><td>525</td><td>03/29/22</td><td>746</td><td>05/26/22</td><td>752</td><td>6</td></tr></tbody></table> Total Usage: Actual Read 6 CURRENT CHARGES	Serial No	Previous Reading Date	Previous Reading	Current Reading Date	Current Reading	Cons	525	03/29/22	746	05/26/22	752	6
Serial No	Previous Reading Date	Previous Reading	Current Reading Date	Current Reading	Cons									
525	03/29/22	746	05/26/22	752	6									

SPECIAL MESSAGE

2022 BILLING COMMENTS East Side and West Side Residents should receive the same billing comment. Depending on the availability/space of the water bill comment section each month, each comment should be distributed one time to the East side and one time to the West side.

COMPOSTING IS NATURE'S WAY OF RECYCLING
It is the process of turning organic matter (all food) back into soil. Keeping this matter out of landfills helps to decrease greenhouse gasses as well. You don't need to stop composting because of the cold weather months; Take advantage of the Winter Compost Service provided by Collective Resources Visit <https://collectiveresource.us/composting-in-evanston-mortongrove-skokie> or <https://www.mortongroveil.org/food-scrap-program>

Polluted stormwater runoff is the #1 water pollutant. Stormwater comes from any precipitation and that which does not soak into the ground, becomes surface **runoff**. Runoff becomes polluted as it runs along roads, sidewalks, and parking lots by picking up garbage, automotive fluids, fertilizers, and pet waste. This then flows into the storm drains and directly enters our river.

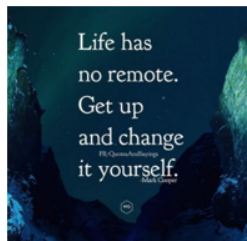
Please help reduce stormwater pollution. Don't overwater your lawn, use fertilizers sparingly, check for any auto leaks, clean up any debris around your property and pick up after your pets. For more information, visit www.epa.gov.

It takes individual behavior change and proper practices to control stormwater pollution. One positive change at a time can help reduce polluted stormwater runoff.

"Never doubt that a small group of committed citizens can change the world; indeed, it is the only thing that ever has." — Margaret Mead

If you ever feel like you can't make a difference — you can and do.

Did you know that an inch of rain on an acre of land is equivalent to 27,154 gallons of water!? Its weight is 226,000 pounds! If it were to rain an inch, covering a football field, this would be 35,880 gallons of water! Imagine the pollution this water could pick up before it drains (stormwater runoff) to the river. We all should practice pollution prevention, for example, by picking up after our pets, keeping trash and debris off of the ground, checking our vehicles for any fluid leaks and using fertilizers sparingly. Stormwater@MortonGroveIL.org



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“The Morton Grove Exchange” is our local newsletter which is mailed to all residents on a quarterly basis. Upon approval, Stormwater related articles are included in each newsletter. See below for an example.



The Exchange

SPECIAL EARTH MONTH 2022 EDITION



PASSPORT TO A GREENER MORTON GROVE April 1-30

The Passport To A Greener Morton Grove Contest is a fun interactive way for the whole family to be environmentally conscious and develop new habits to move Morton Grove closer to our sustainability goals. Use the “passports” on the next two pages to mark off stamps after you complete a designated environmental task. Completed passports can be returned to the Village for a chance to win a prize!

Stormwater Website page was reviewed/modified on the following dates:
May 4, 2022, June 16, 2022, August 31, 2022, October 18, 2022 and January 5, 2023.

Website paragraph example:

To counteract other impacts of stormwater runoff, municipalities have adopted regulations that require management of stormwater, for example, for all new development. Stormwater management is the use of specific practices, constructed or natural, to reduce, temporarily detain, slow down and/or remove pollutants from stormwater runoff. Stormwater management practices are essentially designed to restore or mimic some of the natural processes provided by the vegetative cover that existed prior to land disturbance. In many regions of the country, this native vegetative cover includes trees and shrubs.

Preserving undisturbed vegetative cover during land development is a much more cost-effective approach than destroying these features and having to construct new stormwater management practices to replace the functions they originally provided. Trees, forests and other vegetation and their associated soils are often referred to as “green infrastructure” when they are used to manage stormwater runoff instead of, or in addition to pipes, pumps, storage chambers or other “hard infrastructure.” Municipalities are beginning to realize the many stormwater benefits of green infrastructure, and are encouraging the use of stormwater management practices that conserve forests and incorporate vegetative features.

BMP A.3 Public Service Announcement;

Newsletter Articles –

Water Bill Insert Messages

The Village has met the measurable goal in year #20 of including storm water related articles in the Village “Morton Grove Exchange” newsletter and message inserts on the water bills in 2022.

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BMP A.4 Community Events

The four community outreach events during reporting year 20, afforded residents the opportunity for inquiries pertaining to subjects ranging from rain barrel usage, and recycling guidelines to managing stormwater. This year, each event was held at a local school. Participation numbers ranged from just a few, due to a snow storm in February, to almost 100. Stormwater giveaways, such as ice scrapers and re-usable bags were handed out along with educational material on numerous topics, promoting positive behavior changes by the public to learn about and reduce water quality impacts associated with pollutants in stormwater.



In cooperation with the Solid Waste Agency of Northern Cook County (SWANCC), Reduce, Reuse, and Recycle efforts, were supported thru an annual recycling event held at the Public Works Facility on May 21, 2022. Success of this event is reaching pre-Covid years with 465 cars participating within a three hour window.

Morton Grove schedules this event on the 3rd Saturday of May, each year. In 2022, Morton Grove had 465 vehicles participate in this event.



Webinar training opportunities, specifically on Fat Oil and Grease were available in 2022 and shared with attendees through providing dates and website links at our outreach events. Public Works staff attended four of these webinars in year #20.

BMP A.4 Community Events

Morton Grove has exceeded its measurable goal in 2022, for Community Events.

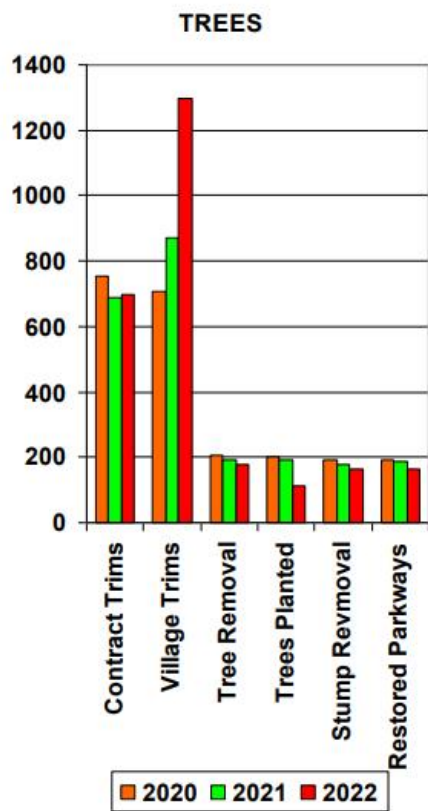
Information required by this form must be provided to comply with 415 ILCS 5/39 (1996). Failure to do so may prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.

BMP A.5 Develop Stormwater Educational Kit

The availability of educational materials such as the Enviro-scape kits remained but once again, with advancements in technologies, this avenue has been under-utilized. Stormwater educational kits are prepared upon request for classroom distribution. 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 reducing waste, benefits of tree planting and general environmental awareness.

The Morton Grove Arborist has also made available, educational kits/material;

The Village has a Certified Arborist who provides assistance to residents and participates in public education. The Arborist annually visits public schools to educate children at the third grade level about the benefits of trees and our environment. The Village Arborist promotes Arbor Day activities while demonstrating proper tree planting techniques. The Village has been in the Tree City USA community and Morton Grove has been a member of this community for 22 years now.



BMP A.5 Develop Stormwater Educational Kit

The Village met its goal, to the maximum extent practicable in 2022, for Educational Stormwater kits. Changing this particular BMP will be considered and if so, the change will be reflected in the next Notice of Intent.

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BMP A.6 Other Public Education /Web Site Links

The Village web site is found at www.mortongroveil.org

In order to be transparent and as informative as possible, the Stormwater section of the Village website was overhauled. It is key to keep our residents in the loop, particularly with the increase of State and Federal Regulations, as it pertains to resident participation at some level. See a sample of change requests below.

The link for Notice of Intent; would the scanned document attached with this email be opened more easily if it were used as the link? If so, please switch out.



The Village of Morton Grove is required to post its NPDES permit, its Notice of Intent, and its annual reports for the last 5 years.

For questions regarding the Village of Morton Grove storm water program, or to report a storm water problem, contact the Public Works Department at (847) 470-5235 or by e-mail at stormwater@mortongroveil.org.

Please report any illegal dumping or suspicious discharges to:
Morton Grove Public Works Department

How Do Trees Reduce and Remove Pollutants from Stormwater Runoff?

Trees and forests improve stream quality and watershed health primarily by decreasing the amount of stormwater runoff and pollutants that reaches our local waters. Trees and forests reduce stormwater runoff by capturing and storing rainfall in the canopy and releasing water into the atmosphere through evapotranspiration. In addition, tree roots and leaf litter create soil conditions that promote the infiltration of rainwater into the soil.

The presence of trees also helps to slow down and temporarily store runoff, while flooding and erosion downstream. Trees and forests reduce pollutants by taking water through their roots, and by transforming pollutants into less harmful substances, reducing runoff from smaller, more frequent storms.

In addition to these stormwater benefits, trees provide a host of other benefits such as improving air quality, reduced air temperatures in summer, reduced heating and cooling costs, increased property values, habitat for wildlife, recreation and aesthetic value.

Our Village recognizes the important connection between forests and stormwater runoff and thru our Forestry Department, opportunities are provided for residents to participate in The 50/50 Tree Planting Program. This aspect of the Village's stormwater management plan supports a comprehensive watershed approach to improving water quality.

Please remove the link
(it is old-- from 2019).
Just have it as a
sentence.

Link #1 with a title of "**Be in the KNOW before you THROW**" a Solid Waste FAQ's and the link is <https://www.youtube.com/watch?v=AeCzCdRef7g>

Link #2 with a title of "**Environmental Road Warriors**" is <https://www.cbsnews.com/chicago/news/get-an-oops-or-a-thank-you-tag-in-mount-prospect-environmental-road-warriors-hit-the-street-to-help-with-recycling-efforts/>

ADD a FAQ= "**How do I know if I am Recycling or Wishcycling?**"

Service Interruption for Vacation

Residents who are on vacation may suspend service to their home by calling Village Hall (847) 470-4100 to apply.

Solid Waste FAQ

Where is the Village's solid waste which is collected each week final disposal occur?



The Village website link is also an avenue provided for citizen reporting of incidents; Tracking of citizen reports of illicit discharge concerns or maintenance problems, although minimal, are ongoing. 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. This correspondence is forwarded to numerous village employees to ensure a timely response. Responding to all complaints received within 24 hours will minimize water quality impacts or recurrent dumping of any kind.

BMP A.6 Other Public Education /Web Site Links

This goal has been met for the website and other public education in 2022.

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BMP B. Public Participation / Involvement

BMP B.4 Public Hearing

In order to implement community-wide programs and events intended to positively impact, preserve and sustain the environment, The Village Board, Counsel, several commissions and committees have been established over the years. They study and address specific needs within the Village of Morton Grove. While some commissions assist in the administration of specific programs, others make important policy recommendations. The activities of each board, commission, and committee have a direct impact on the quality of life in the Village. These programs / presentations help facilitate discussions on the benefits, for example, of green stormwater infrastructure strategies.

The Environment and Natural Resources Commission (ENRC), amongst many other undertakings, assists the Village Board's efforts to promote the conservation, preservation, improvement, and protection of the environment and natural resources of the Village. The commission also plays a major role in updating the Village's Sustainability Plan with changes, additions or modifications.



The Commission has implemented, together with a number of different village departments, many opportunities for public involvement through facilitating activities such as another "The Village Tree Walk". Trees, as well as native plants, provide multiple benefits to a community when they are properly planted and maintained. Residents are provided information with regard to trees and native plants and how they benefit stormwater runoff. Each year residents are offered an opportunity to obtain a tree through the 50/50 program. Nine different species of trees, native to our area, are available from which to choose. Information and selections of native plants in this region are also available. Invasive plants are often prevalent and to prevent residents from unknowingly choosing these types of plants, lists are provided with alternative suggestions.

It is required that notification of a public hearing is published no more than 30 days and less than 10 days prior to the event. This notification takes place on the website event calendar.

BMP B.4 Public Hearing

The Village has complied, for reporting year 20.

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BMP B.7 Other Public Involvement

Occurring annually and building upon our Tree Walk, Morton Grove has made available to its residents, the chance to participate in our reforestation program called “Restoring Our Canopy”. Data on trees and how they benefit storm water runoff is provided along with a list of several different species of trees from which to choose.

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 2022.



The Village's *Adopt a Pot Program* provided for 142 flower kits and trees for holiday decorating in 2022. Ninety Evergreen trees were adopted, decorated and at the close of the Winter season, all trees are provided free of charge, back to the participants and other residents to plant. More than half were picked up by residents or organizations and planted on individual properties. The remaining trees were planted by Public Works on Village land.



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BMP B.7 Other Public Involvement CONT.

Conservation@Home Program, implemented by the Conservation Foundation, entices residents to participate through offering free assistance and recognition for individual accomplishments and efforts in "Forest Preserve Friendly" practices while providing wildlife and native plant habitat in residential, school and workplace gardens. Morton Grove promotes the program throughout each outreach opportunity. Webinars, training events and class schedules are provided:



1. Join our Conservation@Home Class on Wednesday, August 24th to learn how to use native plants to make your yard a better habitat!
2. Join us on June 22nd for an overview of creating an attractive and functional yard that conserves water and provides habitat for wildlife.
3. Explore our Spring Look-book for ideas that help birds and butterflies, conserve clean water, and ultimately make your home a healthier place to live. May 11, 2022
4. Join the growing number of people who are helping nature at home. Wherever you are in the process of creating an environmentally-friendly yard, you can join the Conservation@Home. March 24, 2022

MAKE AN IMPACT FROM HOME

NAME: _____

EMAIL: _____

ADDRESS: _____

PHONE: _____

Scanned QR code: Scan to learn more!

10 Actions:

- CLEANED OUT YOUR CLOSETS TO FIND ITEMS YOU COULD REUSE/DONATE
- UTILIZED REUSABLE BATTERIES
- IDENTIFIED TREES NEAR YOUR HOME
- CHECKED TOILET FOR LEAK BY PUTTING FOOD COLORING IN TANK
- WENT A MEAL WITHOUT EATING MEAT
- PLANNED YOUR GARDEN FOR THE YEAR
- TIMED YOUR SHOWER & BEAT THAT TIME THE NEXT SHOWER
- TOOK A WALK AND PICKED UP LITTER THAT YOU FOUND
- CREATED A NEW OUTFIT USING WHAT YOU ALREADY OWN

Public Involvement options include various choices, such as the “Passport to a Greener Morton Grove” as seen above. This was made available on our website, in a newsletter and e-news sent via email.

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2022 Morton Grove Sustainability Expo

Saturday, September 10, 2022
10:00 AM - 1:00 PM
Morton Grove Civic Center 6140 Dempster Street

FREE EVENT

EDUCATIONAL

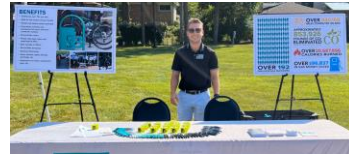
FAMILY-FRIENDLY

The 2022 Expo will feature exhibits from local businesses and organizations that offer services, ideas, and opportunities to help residents live more sustainably. The Environment and Natural Resources Commission is currently seeking exhibitors. For more information and to register, call 847-663-3007 or visit mortongroveil.org/enrc.

The most popular event has become our Annual Sustainability Expo. More than 30 exhibitors, constituting several different types of organizations, display and promote sustainable products and services. Both Morton Grove and other community residents attend. Crowds were upward of 500 people in 2022.



Some organizations present have programs within to help with the environment; a local engineering company, for example, has a 'Bike to Work' program encouraging health & fitness while supporting the environment.



Efforts to advance Environmental Justice include fact sheets provided from websites such as Whitehouse.gov Doi.gov and Federalregister.gov. The current administration shares within these websites, existing federal plans to ensure that all of our nations's children will grow up experiencing vital safeguards and foundational, environmental and civil rights laws.

Additionally, Morton Grove has shared information on the Pathways Programs provided by the US Department of the Interior. This program allows for rigorous internships in a career field necessary for the effective management

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of public lands and resources. Such programs may include Natural resources management, Environmental policy and management, or Environmental/civil engineering/urban development.

Residents are encouraged to take the initiative to get involved with one of the many opportunities provided by, for example, the agencies listed below. There are ample avenues to pursue in order to help support conservation and restoration efforts to benefit all, regarding America's lands and waters.



BMP B.7 Other Public Involvement

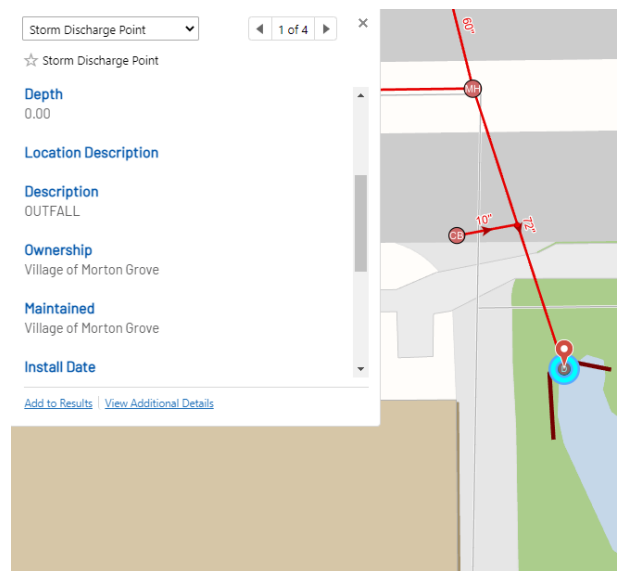
The Village has met the goal for Other Public Involvement in 2022.

BMP C. Illicit Discharge Detection and Elimination

BMP C.1 Sewer Map Preparation

The current mapping system used for all Morton Grove Departments and serving many other communities in its consortium is [MyGIS](#).

The map is updated with additions and modifications as new information is collected in the field and discovered during inspections. It is updated daily with more extensive inventory updated weekly.



BMP C.1 Sewer Map Preparation

Morton Grove has met its measurable goal for continually updating the GIS Sewer Atlas and Village Maps for Permit Year 20.

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BMP C.2 Regulatory Control

The 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.

BMP C.2 Regulatory Control Program

In 2022, The Village met its measurable goal for enforcement of the Sediment Control / Illicit Discharge Ordinance.

BMP C.4 Illicit Discharge Tracing Procedures

Morton Grove Public Works (MGPW) Water Department uses several methods to detect & trace the source of any reported, identified or suspected 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. Onsite inspections will be performed at surrounding streets and buildings until the source has been identified.

Upon any event, an investigation is done almost immediately but within 24 hours. Investigations are completed for any report or discovery of a suspected illicit connection. This is to determine the source of the connection, the nature and volume of discharge through the connection and the party responsible for the connection.

Stormwater Outfall locations are inspected monthly. In addition, wet weather inspections are completed on all MS4 outfalls for significant rain events within 24 hours. These locations are inspected for any odors, water colors/shimmers, debris and if any maintenance is necessary.

A Private Sector Inspection Program has been on-going and all findings are documented in one of our GIS tools. Inspectors' best efforts are used to identify suspected sources and follow an established standard operating procedure to address any discharge or incorrect connections. 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 2022.

water down from level at orange line



Example here indicates debris and cleanout maintenance needed.

The grate is in good condition. No odor. No water discoloration or high silt debris observed.

BMP C.4 Illicit Discharge Tracing Procedures

The Village met its measurable goal for Tracing Illicit Discharges in 2022.

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 C.5 Illicit Source Removal Procedures /
Provide information to Local Citizens for disposal of household pollutants

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 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 as well as special events collecting household hazardous waste (HHW) can also be found via a link on our Village website, Swanncc.org and EPA.gov/hw/. EPA info shred below:

Safe Disposal and Recycling

Many communities have collection programs for HHW to reduce potential harm posed by these chemicals.

- Search for "household hazardous waste" near your zip code in the [Earth 911 database](#) for more information.
- Contact your [local environmental, health, or solid waste agency](#) to learn about permanent or periodic HHW collections near you.

Some quick tips for the safe handling of household hazardous wastes include:

- *Follow any instructions for use and storage provided on product labels carefully to prevent any accidents at home.*
- *Be sure to read product labels for disposal directions to reduce the risk of products exploding, igniting, leaking, mixing with other chemicals, or posing other hazards on the way to a disposal facility.*
- *Never store hazardous products in food containers; keep them in their original containers and never remove labels. Corroding containers, however, require special handling. Call your local hazardous materials official or fire department for instructions.*
- *When leftovers remain, never mix HHW with other products. Incompatible products might react, ignite, or explode, and contaminated HHW might become unrecyclable.*

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 occurrences. 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. "No Dumping" reminders along with the reporting of such is requested on our website, within our water bill comment section, e-news and newsletter publications.

Providing the responsible party with information about the differences between ground, gray, sanitary or storm connections, related environmental consequences, the applicable regulations/municipal codes, and how to fix these issues, 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 ongoing for years now. Any identified non-compliance concerns are communicated to residents, resolved, then re-inspected for compliance. Moving upstream, inspections will continue to further identify and rectify any private illicit discharges, inflow or infiltration issues.

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

The Village met its measurable goal for Illicit Source Removal & Elimination procedures in 2022. Additionally, the goal of providing citizens with information on properly disposing of household hazardous wastes has been achieved in 2022.

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 C.7 Visual Dry Weather Screening

All 14 outfalls located within Morton Grove have been inspected monthly. During the *dry* weather screening, outfalls are observed to identify if there is / has been any existence of flow during dry weather. If any flow indicators are present during a dry weather inspection, the tracing procedure is immediately implemented. No dry weather flows have occurred in 2022.

If any event/occurrence (such as an auto accident) creates a situation of an inappropriate discharge to the storm sewer system, an immediate inspection is performed.

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.

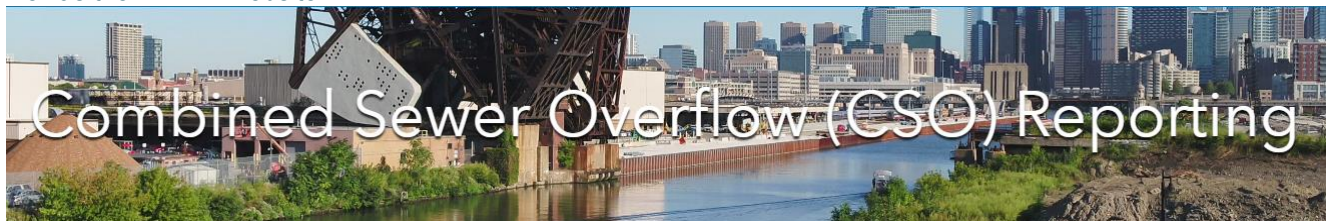
BMP C.7 Visual Dry Weather Screening

Morton Grove has met this goal for monthly inspections and Visual Dry Weather Screening in permit year 20.

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. Once again in 2022, multiple targeted audiences were given information providing a sample of the most appropriate BMPs for the particular group/audience.

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 2022.

BMP C.9 Public Notification

The Village met its measurable goal for Public Notification in 2022.

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 submitted for approval throughout 2022.

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 as well.

Video training to PW staff on recognition and effects of illicit discharges was completed in four sessions in 2022.

BMP C.10 Other Illicit Discharge Controls

The Village met its measurable goal for Other Illicit Discharge Controls in Permit Year 20.

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. Construction Site Storm Water Runoff Control

BMP D.1 Regulatory Control Program for Construction Site Runoff

The Morton Grove Engineering Dept. reviews and approves stormwater considerations through the permitting process at The Village Hall Building Dept. This includes any flood control devices installed as well. 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 ongoing modifications of the technical standards from MWRD, State, Federal and other Municipalities proves helpful in preparing Morton Grove for forthcoming improvements to 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 20

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 the Illinois Center for Transportation, the EPA, and the Illinois Department of Transportation.



The Grainger College of Engineering
Illinois Center for Transportation

Module I: Fundamentals of Storm Water Pollution and Erosion and Sediment Control

This module includes hands-on learning opportunities as well as topical discussions, including:

- Fundamentals of hydrology and soil erosion
- Regulations related to erosion and sediment control
- Best management practices for erosion and sediment control
- Inspection of erosion and sediment control measures



BMP D.3 Other Waste Control/Outreach

The Village met its measurable goal for Other Waste Control in Permit Year 20.

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. Plans are reviewed by Engineering, in accordance to the provisions of the Watershed Management Ordinance (WMO) / MWRD and Morton Grove Village Codes.

BMP D.4 Site Plan Review Procedures

The Village met its measurable goal for Site Plan Review Procedures in 2022.

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.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. If a complaint is received, either via phone, email or website, Morton Grove will review the complaint details, investigate then prescribe any needed corrective action.

BMP D.5 Public Information and Handling Procedures

The Village met its measurable goal for Public Information and Handling Procedures in 2022.

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 at required sites 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. For 2022, no new ILR10 permits were issued in Morton Grove again this reporting year.

BMP D.6 Site Inspection/Enforcement Procedures

The Village met its measurable goal for Inspection/Enforcement Procedures for Site Inspections in permit year 20.

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 or storm sewer systems due to new development or re-development, prior planning and design are of upmost importance. This ensures 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 2022 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. Easements and overland flow patterns are defined in the civil

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engineering plans. Permits are only issued for projects in compliance with the provisions of the Morton Grove code which include proposed BMPs for post construction runoff control. 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 any site. Whether using structural or non-structural BMPs implementation must minimize the type and quantity of pollutants in stormwater runoff. Plans should reflect procedures that will control, reduce and re-use on-site.

BMP E.3 Long Term O&M Procedures

The Village has met its measurable goal for Long Term O&M Procedures for permit year 20.

BMP E.4 Pre-Construction Review of BMP Designs

Site plan reviews within the Engineering department, confirm the Village permit process has been met. Qualifying developments must have strategies and plans in place to incorporate stormwater infiltration / reuse of stormwater in the project. This requires construction site runoff control and post construction maintenance. Requirements reference the Illinois Urban Manual which also is providing guidance in order to facilitate a comprehensive management strategy. This includes the design and application of techniques which can effectively control undesired consequences of urban development.



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BMP E.4 Pre-Construction Review of BMP Designs

The Village has met its measurable goal for review of BMP designs for permit year 20.

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

All regulatory control measures, particularly regarding the protection of waterways and preventing the discharge of pollutants, must be met. No matter the size of the construction site, each is responsible to sustain procedures which comply with all requirements.

Final inspections are performed by the Building Department staff at the end of each project.

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

The Village met its measurable goal in 2022.

BMP F. Pollution Prevention/Good Housekeeping

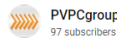
BMP F.1, Employee Training Program

Throughout 2022, Public Works staff completed spill prevention training and participated in an Illicit Discharge Detection and Elimination presentation. Distribution of articles to target departments was completed. (for example, salting crews received handouts with proper salting techniques and statistical data on the effects of chloride on the environment.)

Video presentations made available upon request along with schedules provided for on-line webinar stormwater management training opportunities.

Various articles, obtained thru entities such as the IEPA, MWRD, and SMC-Lake County Stormwater Management Commission were distributed to all departments within Public Works.

Illicit Discharge Detection & Elimination (IDDE) (Module 1): MS4 Permit Compliance Workshop



Subscribe

7 | Share

1.1K views 5 years ago Connecticut River Stormwater Committee MS4 Compliance Workshop

Learn about IDDE program requirements, how to detect and recognize illicit discharges and sanitary sewer overflows, and use of procedures and equipment. The training will cover:

- IDDE program overview and key components
- Field screening of outfalls for dry weather flow: [Show more](#)



Classes
[Register Here](#)

Email Us
info@npdes.com

(888) 397-9414
9:00am EST-4:00pm PST
Office Hours
M-F, 9:00am-4:00pm EST

Certification renewal completed for Utility Inspector. Certification is current, expiring 2027.



Certified Stormwater Inspector



Successfully completed stormwater permit Inspector training including federal, state, and local government standards, for Municipal, Construction, Industrial, and Commercial Activities. This certification indicates that services conducted are performed by a professional who has met the established standards of knowledge, experience, and competence required in the field of stormwater inspections.

Betty J. Stahn, Director of Operations
National Stormwater Center

Expiration Date: March 2027

BMP F.1, Employee Training Program

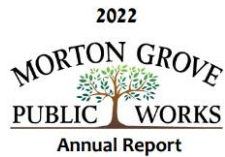
The Village met its measurable goal in permit year 20.

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

The grounds of the Public Works Facility are inspected on a weekly basis.

The Public Works Water and Sewer Division inspected and cleaned curb drains; occasionally this will result in either a repair or a replacement. Rodding was completed as well. See below for some detailed statistics for 2022:



RECORD OF SEWER REPAIRS IN 2022																
Month	Curb Drains Cleaned EACH	Curb Drains Repaired EACH	Curb Drains Replaced EACH	Storm Sewer Pipe Installed/ Replaced LF	Storm Sewer Pipe Repaired LF	Storm Sewer Pipe Televised LF	Storm Sewers Rodded LF	Sump Pump Connections LF	Combination Sewers Rodded LF	Sanitary Sewers Rodded LF	Sanitary Sewer Pipe Repaired LF Basin 7	Sanitary Sewer Pipe Televised LF	Sanitary Sewer Pipe Repaired Basin 7	Sanitary Sewer Pipe Repaired LF	Sanitary Sewer Pipe Installed/ Replaced LF	Sanitary Sewer Pipe Lined LF
JAN	0	0	0	4	4	0	0	0	0	975	0	0	0	0	0	0
FEB	0	0	0	9	9	0	0	0	0	335	0	0	0	12	12	0
MAR	9	0	0	0	0	0	0	0	0	1,705	0	0	0	10	10	0
APR	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May	20	20	0	405	8	0	120	10	0	1,020	0	0	0	0	0	0
JUN	4	4	0	400	0	0	0	0	0	0	0	0	0	16	16	2,550
JUL	4	2	0	11	11	95	65	0	0	0	0	0	0	0	0	0
AUG	7	5	2	11	11	0	0	0	0	0	0	0	0	10	10	0
SEPT	0	0	0	85	5	0	0	0	0	250	0	250	0	21	21	6,200
OCT	4	3	1	6	6	0	0	0	0	0	0	0	0	8	8	0
NOV	0	0	0	0	0	240	0	0	260	0	0	0	0	6	6	0
DEC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022 Totals	56	42	3	931	54	335	185	10	260	4,285	0	250	0	83	83	8,750

BMP F.2 Inspection and Maintenance Program

The Village met its goal for Permit Year 20 by completing inspections and maintenance of sewer systems.

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BMP F 3 Municipal Operations Storm Water Control

Identification of current municipal activities that can contribute to the discharge of pollutants to the storm sewer system, is on-going and completed by all and any staff while in the field or yard. Any questionable issues identified are reported back to department heads. Immediate and proper procedures are followed to implement actions to remedy the situation.

Storm sewer inlets and any detention/retention areas of Village owned properties are inspected monthly and following major storm events.

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 Public Works yard is maintained weekly. Triple basin system inspected/cleaned in Spring and Autumn. Catch basin cleaning performed per the annual schedule.

Participation in watershed group by at least one Public Works staff.

In addition to the residential 50/50 program, trees will be planted to replace and add to the tree inventory for Morton Grove.

Deicing vehicles calibrated.

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 Public Works, 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. This includes safeguarding against all/any fluid leaks.

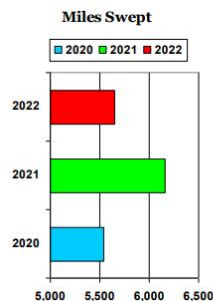
Activities in the Village's vehicle maintenance shop can potentially be a significant source of pollutants. Procedures that address spill prevention, material management practices and good housekeeping in the vehicle services shop will be included in a training program to limit pollution discharges from vehicle O & M activities. 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 270 lane miles of the Village thoroughfare and approximately 60 lane miles of State and County streets within the boundaries of Morton Grove.



Street Deicing Program –

Excluding Golf Road, the most Northern border street of the Village, Morton Grove is responsible for managing all snow and ice within the entire Village. 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 Village streets and alleys. As it is necessary, safety wise, to perform deicing activities, MGPW aims to reduce the road salt applied as much as possible, while keeping safety a priority. Morton Grove is a participant in the Chloride Reduction Initiative as well as a member of more than one watershed workgroup; These groups are organized to implement control measures which will reduce the chloride concentration in our receiving waterways, areawide.

Once again, the 2022 winter season required even less than 2021, of deicing material. Deicing activities include the continued use of electronic application rate control devices. These devices dispense deicing material via road speed calibration, minimizing any over application. Salt used as a deicing material is stored in the covered salt dome in the Public Works 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 or any waterways.



Snow Plowing and De-icing

Snow and ice control operations begin when hazardous road surfaces are expected. Depending on conditions, a pre-application of salt brine and road salt is applied to the pavement. Plowing begins after snow accumulates to 1" or more.

Snow Plowing:

Snow plowing requires the cooperation of all Public Works staff; 2022 presented only 17 snow/ice events for the entire year.

De-icing:

De-icing requires the Street Division personnel to fully operate the Village's salt truck fleet which remain on a 24 hour on-call status through the entire season.

- 2,768.5 Tons of Salt used.
- 5,656.3 Gallons of Diesel Fuel used.
- 1,228.9 Gallons of Gasoline used.
- 930 Gallons of Calcium used.
- 1,640 Gallons of Brine used.

Leaf Pickup Programs –

The Public Works Department provides leaf collection service to all residents from October to December. The leaves collected in 2022 were generated from both public and private property. It is encouraged that leaves be kept away from all curb drains and piled one to two feet out from the curb. These leaves are stored shortly in the PW yard until hauled out by a contracted waste disposal company.

In 2022, 1,196.94 tons of leaves were hauled to and from the Public Works yard. The season began on October 17th and ended on December 2nd.



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 services, 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 and recycle pick-up for all single-family homes. Residents can contact Public Works for missed pick-up of garbage and/or recycle bins. These missed pickups are addressed 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, most often under a 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 any hired-out contractual work.

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, catch basins and manhole structures throughout the Village. The lining of aging sanitary sewer pipe continues annually providing a new structurally sufficient pipe while decreasing infiltration and inflow from ground water run-off into the Metropolitan Water Reclamation District interceptors.

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Forestry Department Activities –

The Village planted just under 100 trees in 2022. 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, a certified arborist is on staff to offer guidance to residents and participate in public education at schools, events and outreach meetings.

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.

The replacement and addition of 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 Division 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 as much as possible. This helps to ensure that climate change challenges and soil conditions are considered.

An 'Adopt-A-Pot' Program was first initiated in 2016 and has been implemented each year since. This was for the Spring planting of flowers in pots across town. In 2022, 142 pots were 'adopted'.

An additional 'Adopt a Tree' program was introduced in 2020 for the Winter Season. This entailed evergreen trees to be placed in the pots and decorated for the holidays by residents and businesses alike.



Building Maintenance Division –

This Division's priority is to monitor, maintain and verify the condition of municipal buildings and properties on a continual basis. This Division participates in setting design specifications, bidding and overseeing the preventive maintenance programs in the Village. The Building Maintenance Division plans future maintenance expenditures and helps to create and develop a comprehensive plan to address the nature, amount and timing of future maintenance plans. The division is also responsible for developing and overseeing the Public Works wellness, safety and training programs.

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 20.

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.6 Other Municipal Operations Controls

Morton Grove continues allocating funds for their Stormwater facilities and related programs, property improvements and projects. Engineering and Building Maintenance divisions document munimipal maintenance operations and improvements. Updating the GIS mapping system. Street sweeping

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 20.

C.

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

Monitoring the outfalls and overflows in Morton Grove are completed monthly. Outfall inspections completed after significant rain events ias well.

Data for all inspections at each outfall are on file at Public Works. These files are available upon request. A sample sheet of outfall inspections completed during 2022 is shown below:

7840 Nagle Avenue, Morton Grove, Illinois, 60053 (847) 470-5235 FAX (847) 965-9511													
OUTFALL INSPECTION SHEET											YEAR	2022	
ected by:	OUTFALL # <u>11</u>												
iller	WATERSHED: West Fork/ North Branch of Chicago River												
	87 47' 15"												
	42 2' 21"												
	Access to end of pipe is: OK												
	End of pipe flows into: River												
	Grated? YES												
	End of pipe submerged? NO												
	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
	6/15/2022	8:40a	85	14-Jun	0.88	y	rain now 0-2 days 3 or > unk	ZERO barely slow medium fast	Clear Muddy Colored Oily	no	no	no	good

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.

Other monitoring data can be found on the website for [The North Branch Watershed Workgroup \(NBWW\) NBWWIL.ORG](http://The North Branch Watershed Workgroup (NBWW) NBWWIL.ORG).

C.
CONTINUED: Results of information collected

Instream, Sediment and Sample Monitoring (PART V.A.) performed thru [The North Branch Watershed Workgroup \(NBWW\)](http://The North Branch Watershed Workgroup (NBWW)):

NBWW Annual Workplan Scorecards

See the NBWW Annual Workplan Scorecards (under Plans & Reports webpage) strategy tables are specific program activities that can be included as measurable goals to meet the minimum control measures (MCM) of the NPDES ILR40 permit requirements. "Corresponding MS4 MCM" column for reference in the annual facility inspection report. "Water Quality (WQ) Requirement". This supports Part 5 of the NPDES ILR40 Permit.

Water Quality Resources

- [Illinois Integrated Water Quality Report and Section 303\(d\) List](#)
- [Illinois Nutrient Loss Reduction Strategy](#)
- [Urban Stormwater Management in the United States](#)

https://www.nbwwil.org/wp-content/uploads/2023/01/Appendix-A-Score-Card_2022-Evaluation.pdf :

APPENDIX A: NORTH BRANCH CHICAGO RIVER WATERSHED WORKGROUP SCORECARD

Year Assessed: 2022

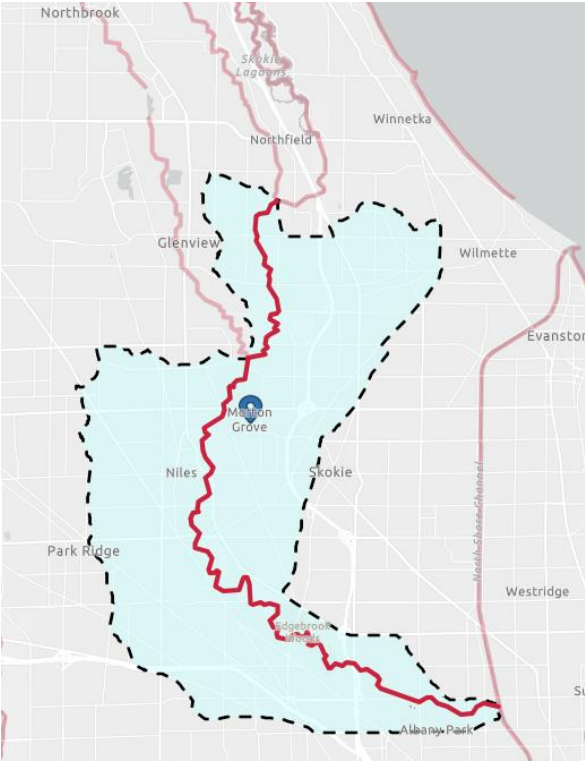
The following strategy tables are specific program activities that can be included as measurable goals to meet the minimum control measures (MCM) of the NPDES ILR40 permit requirements. "Corresponding MS4 MCM" column should be reflected as measurable goals in the Stormwater Management Program Plan (SMPP) as well as annual facility inspection report. "Water Quality (WQ) Requirement" supports Part 5 of the NPDES ILR40 Permit.

Strategy 1: Monitoring and Water Quality Assessment

Work Plan Objective	Action Steps	Corresponding MS4 MCM	NBWW Status
1	Review monitoring program to assess site locations, data parameters and budget.	WQ Monitoring Requirement	Completed as part of the current NBWW Monitoring Strategy Document; last revised 11/10/2021. Being reviewed and updated in 2023.
1	Consult with outside experts to ensure the most efficient use of resources in data collection, and that appropriate parameters are being monitored to achieve the goals of the NBWW.	WQ Monitoring Requirement	Consulted with Chris Yoder (MBI) during development of the Monitoring Strategy and QAPP Document. Continue to consult with MBI, Geosyntec, Illinois EPA & other local workgroups about monitoring strategies.
1	Make data available for watershed planning and to Workgroup members.	WQ Monitoring Requirement	Monitoring reports are available on the NBWW website: https://www.nbwwil.org/plans-and-reports/
1	Use monitoring results to identify the extent of the impaired waterbodies and utilize water quality models to prioritize remediation efforts.	WQ Monitoring Requirement	MBI incorporated NBWW's 2018-2021 monitoring data into the Integrated Prioritization Systems (IPS) Model. 2022 - 2024, the NBWW staff and Committee members will be trained to utilize the IPS model and are developing a Nutrient Assessment & Reduction Plan (NARP).
1	Analyse monitoring results to pinpoint the sources of pollution.	WQ Monitoring Requirement	Fourth year of monitoring data (2021) was compiled and submitted to the Illinois EPA in March 2022. Fifth year of monitoring data (2022) will be compiled and submitted to the Illinois EPA March 2023.
1	Compile the data in a format to be included in an annual report prepared to satisfy the National Pollutant Discharge Elimination System (NPDES) water quality monitoring permit reporting requirements of its Workgroup members.	WQ Monitoring Requirement	MBI incorporated NBWW's 2018-2021 monitoring data into the Integrated Prioritization Systems (IPS) Model. 2022 - 2024, the NBWW staff and Committee members will be trained to utilize the IPS model and are developing a Nutrient Assessment & Reduction Plan (NARP).
1	Use the monitoring results to evaluate effectiveness of watershed projects and initiatives.	WQ Monitoring Requirement	MBI incorporated NBWW's 2018-2021 monitoring data into the Integrated Prioritization Systems (IPS) Model. 2022 - 2024, the NBWW staff and Committee members will be trained to utilize the IPS model and are developing a Nutrient Assessment & Reduction Plan (NARP).
1	Develop and maintain appropriate water quality models of the watershed to assess attainment of the Workgroup's long-term goals.	WQ Monitoring Requirement	MBI incorporated NBWW's 2018-2021 monitoring data into the Integrated Prioritization Systems (IPS) Model. 2022 - 2024, the NBWW staff and Committee members will be trained to utilize the IPS model and are developing a Nutrient Assessment & Reduction Plan (NARP).

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.

Additional information can be found for Waterbody ID IL_HCCB-05 >
<https://mywaterway.epa.gov/community/60053/overview>
Also see map below for the station monitored by Volunteer Group “Illinois RiverWatch Network”.



Zoom to

1 of 2

N Br Chicago R

Water Type:

River/Stream

Latitude/Longitude:

42.0374, -87.7917

Organization ID:

ILRIVERWATCH

Monitoring Site ID:

ILRIVERWATCH-R0211607

Monitoring Samples:

11

Monitoring Measurements:

120

☒

Characteristic Group

☒

Number of Measurements

☒ Other

98

☒ Pesticides

3

☒ Sediments

3

☒ Physical

16

Total

120

Advanced Filtering

(opens new browser tab)

Download Selected Data

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](#)

LAKE COUNTY’S COUNTYWIDE APPROACH
TO STORMWATER MANAGEMENT
and the
LAKE COUNTY STORMWATER MANAGEMENT COMMISSION’S ROLE
AS A QUALIFYING LOCAL PROGRAM

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.

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

(Sample page of 2022 Scorecard on previous page of this report)

NBWW Annual Workplan Scorecards

See the NBWW Annual Workplan Scorecards ([under Plans & Reports webpage](#)) strategy tables are specific program activities that can be included as measurable goals to meet the minimum control measures (MCM) of the NPDES ILR40 permit requirements.

“Corresponding MS4 MCM” column should be reflected as measurable goals in the Stormwater Management Program Plan (SMPP) as well as annual facility inspection report. “Water Quality (WQ) Requirement” supports Part 5 of the NPDES ILR40 Permit.

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 # 21 > March 1, 2023 thru Feb 2024

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 21: The Village of Morton Grove will obtain and make available new informational material and brochures for display at the Public Works Department, Village Hall and Civic Center. For 2023: Distribute new/updated informational materials from take away racks quarterly. Inventory & replenish monthly. Climate resiliency, GSI ideas and low impact development material are included.

Educational material to be mailed to 20% of the different types of businesses in Morton Grove. Target audiences will be provided individualized material if the need is discovered and/or reported.

BMP A.3 Newsletter Articles

Year 21: Five water bill inserts/comments submitted to the finance dept for consideration and approval. Four newsletter articles submitted to be published to include info on various topics such as climate change and personal pollution prevention practices, recycling and seasonal fact sheets related to stormwater.

These will be submitted to be included in the Village newsletter for the Spring, Summer, Autumn and Winter issues, or as space and opportunity allows.

BMP A.4 Community Event

Year 21: In-person events are scheduled and listed on the website calendar. The recycle event will take place again at the Public Works facility on May 13, 2023. Although this event is open to all SWANCC communities, 95% of the attendees are from Morton Grove.

Four Community Outreach Events will be held with the first one scheduled on May 18th at Thomas Edison Elementary School. Outreach meetings provide residents:

Meet your elected officials & department heads

Provide input for the new Strategic Plan

Learn about ongoing & new projects

Discuss issues one-on-one

Meet your neighbors

Ask questions

"Community Clean Up Day" will be a new event and is scheduled for May 20, 2023.

BMP A.5 Education Material

Year 21: Educational kits made available for use by teachers for any classes but most often are requested for the 3rd grade classes from at least 1 of 6 schools. Arborist to also provide classroom material and tree seedlings.

BMP A.6 Web Site Links

Year 21: Website to be reviewed monthly instead of during just the 2nd and 4th quarter. Any necessary updates/modification to be completed. First website change scheduled for May 2023.

At periodic intervals throughout 2023, current stormwater information and related links will be reviewed, added to and modified as needed.

BMP B. Public Participation/Involvement

BMP B.4 Public Meeting

Year 21: Environmental & Natural Resource Commission (ENRC) to provide updates/additions/modifications for the Village's sustainability plan. Appeals to be heard to grant, deny, or revoke tree permits or tree removal permits.

ENRC to coordinate and facilitate community event.

BMP B.7 Other Public Involvement

Year 21: Public Works will continue to provide residents and businesses to participate in the 'Adopt a Planter' for both Spring and Winter seasons.

Applications taken for resident tree planting requests beginning each January for planting in the Spring.

Distribute promo items with relevant fact sheets at 4 outreach events.

Monitor Conservation@Home participants

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

BMP C.1 Storm Sewer Mapping

Year 21: The Public Works/Engineering Department continues updating the storm sewer mapping system within GIS. This will be updated with completed private sector inspections, and water 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.

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

Year 21: 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.

Provide HHW information to residents and businesses thru outreach mailings and takeaway racks.

Implement private sector inspections in at least 10% of basin 10. Identify any source of Illicit discharges and assist with alleviating the source.

When needed, implement notification procedures and provide standard operating removal procedure information for eliminating discharges.

Recognition and implementation of any needed revisions to the Village codes will be considered and processed.

BMP C.7 Visual Dry Weather Screening

Year 21: Document any reported concerns and investigate and address any suspect discharges. Inspection of 100% MS4 outfalls within the Village on monthly basis or more due to rain events. Continue private sector inspections for basin 10.

BMP C.9 Public Notification

Year 21: For any occurrence of a CSO, SSO or significant illicit discharge, this is to be posted on the website.

Mailings to 2 categories of businesses, providing BMP guidance appropriate to the business type. Website and Facebook page will be utilized for public notifications as well as postings at Public Works.

The Village of Morton Grove will continue to enforce any violations prohibiting all unauthorized non-stormwater discharges into the storm sewer system.

BMP C.10 Other Illicit Discharges Controls

Year 21: 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 residents 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 and newsletter articles.

BMP D. Construction Runoff Control**BMP D.1, D.3, D.4 Permitting Procedures**

Year 21: 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 development/construction sites. Site Plan Reviews are ongoing and any issues or modifications are handled within the Engineering Dept. Review of current ordinance and continue enforcement of the Village's Erosion and Sediment Control and Grading Ordinance.

BMP D.5 Public Info Handling

Year 21: Contact links on the website remain available 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 and newsletters. Investigate reports of erosion and sediment control concerns/issues and prescribe corrective actions for a solution when needed.

BMP D.6 Site Inspection/Enforcement

Year 21: Title 7 Chapter 10 of the MG Municipal Code will continue to be enforced. Inspect and monitor construction sites and track any possible violations. Confirm that any non-compliant issues are addressed in a timely manner. Guidance provided on Low Impact Development and Green Infrastructure techniques.

BMP E. Post-Construction Storm Water Management

BMP E.2 Regulatory Control

Year 21: The Public Works/ Engineering Department will continue to review and revise the Code of Ordinances as required. Enforcement of the MWRDGC regulations will continue. Continue to review / enforce management practices & controls developed for minimizing volume and velocity of storm water flow.

BMP E.3 Long Term Maintenance

Year 21: 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 21: The Public Works/Engineering Department will identify structural and non-structural BMPs to be included into 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 21: Site inspections will begin for any qualifying developments that may be executed in 2023. This will include keeping track of any failed inspections and requiring follow up of corrective actions.

BMP E.6 Post-Construction Site Inspections

Year 21: 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 21: Continually research and incorporate training information from other agencies and provide annual training of various topics to Public Works staff. Ex.: Spill prevention and response training / IDDE / Pollution Prevention and Stormwater Runoff topics.

BMP F.2 Inspection/ Maintenance Program

Year 21: Over 100 curb drains to be inspected, cleaned and if needed, repaired or replaced. Rodding will be completed on over 250 feet of storm sewers. Inspect all village owned buildings and properties. The Public Works/Engineering Department will develop new procedures & make any necessary revisions to existing procedures to ensure design plans will reduce or eliminate the discharge of pollutants from Village owned facilities to the storm sewer system.

BMP F.3, Municipal Operations Storm Water Controls

Year 21: During the course of 2023, 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. If funds are available, over 100 tree plantings will again be planted in 2023, 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 21: Video (CCTV) 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.

The Construction projects in Permit Year 20 funded by the Village of Morton Grove and covered by General Permit ILR400391 are listed below:

Street Resurfacing:

- Capri Lane
- Davis Street

SIGNATURE:

DATE:

Please submit inspection reports to: epa.ms4annualinsp@illinois.gov

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