

**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, 2021 TO: FEB 28 2022 ILR400391 year #19		
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	<input type="checkbox"/>	4. Construction Site Runoff Control	<input type="checkbox"/>
2. Public Participation/Involvement	<input type="checkbox"/>	5. Post-Construction Runoff Control	<input type="checkbox"/>
3. Illicit Discharge Detection & Elimination	<input type="checkbox"/>	6. Pollution Prevention/Good Housekeeping	<input type="checkbox"/>

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 19th 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, 2021 to February 28, 2022, 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 workgroup; 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. Additionally, with Morton Grove included in the Chloride Variance, the Village will also participate as a member of the Chicago Area Waterway System Workgroup (CAWS).

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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.

Progress towards the Reduction in Pollutants Discharged

In order to continue to restore and maintain the integrity of the local waterways, public awareness and involvement remains the forefront of village efforts. This continues growing as well as improved practices put in place by businesses and companies throughout the Village. With each additional piece of information shared, more progress is made toward achieving a greater reduction in pollutants discharged.

Progress towards Achievement of Measurable Goals identified for Permit Year 19

The stormwater management activities that the MS4 community performed during Year 19 and the status of each of the BMPs and measurable goals as of Feb 28, 2022 are described below.

Additionally, the previous Facility Inspection Reports and the SWMP can be viewed at www.mortongroveil.org.

BMP A. Public Education and Outreach

BMP A.1 Distribution of Informational Material and Brochures

Stormwater and the impact individuals have upon the potential of contributing to 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.

Monthly, materials are inventoried and updated/replenished. Quarterly, resources are checked and changed out to be sure the upcoming season and annual events or holidays are represented in these educational materials.

In 2021 material concentrated again on avoiding single-use plastics. Also, there was an emphasis on composting, green stormwater infrastructure, water conservation, and climate resiliency.

Take away racks were supplied with approximately 20 copies of at least ten different documents. Monthly, materials were inventoried and updated/replenished. Quarterly, resources were checked and changed out to reflect the upcoming season and annual events or holidays. Contact information was made available for anyone looking for additional information or for those with any questions.

Mailings of fact sheets, some provided by governing agencies, were made to Morton Grove storage facilities, landscapers, and pet owners. This list of pet owners was based on the registered/licensed animals in town. Also provided were tip sheets teaching homeowners how to spot leaking faucets, toilets, hoses, and pipes. Using suggestions from the fact sheet below, water conservation practices were implemented.

EXAMPLE:

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

Water Conservation Practices for Homeowners

Minimum Measure: Public Education and Outreach on Stormwater Impacts

Subcategory: Education for Homeowners

Description

Water use has soared to all time highs in recent years. In many parts of the United States, limited drinking water supplies have made water conservation practices mandatory. With water consumption rising sharply, the cost of water and sewer service also continue to climb. There is good news, however. Widespread reductions in water consumption could reduce the need for new or expanded water and sewage treatment plants.

Applicability

According to the Chesapeake Bay Program and the Alliance for the Chesapeake Bay (1993), only about 4 of the estimated 100 gallons of water each person uses daily is actually necessary. Home water usage can be easily reduced 15 to 20 percent without major discomfort by implementing a water conservation program. Municipalities should establish public education and outreach programs to show homeowners how minor changes in water use habits can translate into smaller water and sewage bills.

Implementation

Municipalities can help homeowners conserve water through community education efforts. For example, a municipality can establish a Check For Leaks program that teaches homeowners how to spot leaking faucets, toilets, hoses, and pipes. A leak as small as a 1/32-inch can waste approximately 6,000 gallons of water per month. A continuous drip from a faucet wastes about 20 gallons of water per day. Toilet leaks are usually silent, but they waste up to 200 gallons of water each day. Recommend that homeowners check water meters when no water is being used. For example, they can record the number on the meter prior to leaving for a trip and then check the meter again when they return.

Also, the position of the meter's needle can be marked and checked. If the needle moves or the values change, there may be a leak. Municipalities should emphasize to homeowners the benefits of this type of program, benefits such as lower water utility bills and reduced municipal costs for sewers and wastewater treatment. Emphasize the importance of repairing leaks immediately upon detection. A Check For Leaks program can be advertised in a utility insert, community newsletter, or mass mailing campaign.



Fixing a leaky sink can help conserve water (Source: Louisiana USA, 1997)

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Friends
of the
Chicago
River

Simple Actions to Conserve Water

Learn How You Can Use Less Water in Your Daily Life

WATER CONSERVATION CAN BE EASY AND FUN! TAKE A LOOK AT THIS SHORT LIST AND CHALLENGE YOURSELF TO SAVE JUST 10 GALLONS PER DAY.

Remember timing is everything! Rain in the forecast? Delay doing the laundry or shorten your shower to keep water out of the system and alleviate the burden on our water treatment plants.

Take a shorter shower: If you take a 10 minute shower and shave off three minutes, you could save up to 12 gallons.

Install a low-flow showerhead. The average family can save nearly 3,000 gallons per year!

Use a fully loaded dishwasher. Instead of washing your dishes by hand, run a full load of dishes in a dishwasher and save up to 20 gallons of water.

Wear it again. Before washing your clothes ask yourself, can I wear this again? Jeans and other clothing can easily be worn multiple times before washing.

Flush your toilet less. You read it. We said it.

Replace old faucets and shower heads with more efficient ones. A family could save up to 700 gallons a year.

Turn off your faucet when you are not using it, i.e. brushing your teeth, washing your face, washing dishes.

BMP A.1 Distribution of Informational Material and Brochures

For year 19, the Village has complied 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.

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

Morton Grove Residents receive a water bill every other month. Within each monthly water bill, stormwater phrases, tips, quotes and topics are included when room is available in its comment section.

"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 2021, for each newsletter, numerous stormwater options were submitted to administration for approval and publication.

Both avenues above included, yet not limited to, topics addressing climate change and personal pollution prevention practices.

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

The Village has met the measurable goal in year #19 of including storm water related articles in the Village "Morton Grove Exchange" newsletter and message inserts on the water bills in 2021.

BMP A.4 Community Events

Reduce, Reuse, and Recycle efforts, supported thru an annual recycling event, in cooperation with the Solid Waste Agency of Northern Cook County (SWANCC), resumed in 2021. The location was changed from our Civic Center Parking lot to our Public Works Facility. Although less than previous years, 483 cars arrived within the three- hour window for paper shredding and/or electronic recycling.



In Person Outreach Events resumed as well, however, not until the very end of 2021.

BMP A.4 Community Events

Morton Grove has met its measurable goal to the maximum extent practicable in 2021, for Community Events to MEP

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BMP A.5 Develop Stormwater Educational Kit

The second year presenting such extraordinary obstacles, 2021 and the availability of educational materials remained but again, for the most part, were unused. With schools practicing safe protocols still, 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.

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 again unavoidably cancelled.

BMP A.5 Develop Stormwater Educational Kit

The Village met its goal, to the maximum extent practicable in 2021, for Educational Stormwater kits.

BMP A.6 Other Public Education /Web Site Links

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

Our Stormwater section of the Village website continues to develop and expand. Beginning towards the end 2021 the Stormwater Section of the Website is being overhauled. The current links are primarily to Environmental groups and Federal / State governing agencies. Many informative documents are being developed and researching of newer websites to include on the website, is ongoing. 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.

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. This correspondence is forwarded to numerous village employees to ensure a timely response.

BMP A.6 Other Public Education /Web Site Links

The Village met its goal for the website and other public education in 2021.

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, which has successfully replaced the former Natural Resources Commission, assisting the Village Board's efforts to promote the conservation, preservation, improvement, and protection of the environment and natural resources of the Village, has proven to be a truly beneficial resource. The Commission meets the 1st Tuesday of each month at 6:00 pm at Village Hall- or virtual meetings as recommended.

The Commission has implemented, together with a number of different village departments, many opportunities for public involvement through facilitating activities such as "The Village Tree Walk" and a designated Village Booth at the Farmers' Market. Presenting at both aforementioned events, as well as the quarterly Outreach Events, exceeds the public hearing best management practice.

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 is facilitated through our website, automated phone calls to residents and businesses, and/or e-news emails.

BMP B.4 Public Hearing

The Village has complied with presenting at a public meeting, virtually, as required in 2021.

BMP B.7 Other Public Involvement

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.

Common Invasive Plants

These species are discouraged in the City of Chicago. They are not regulated because they are already prevalent in the region, not commonly sold, or are regulated by another governmental agency. Non-invasive landscape alternatives are listed below each invasive species.

 <p>1. Norway Maple <i>Acer platanoides</i> Alternatives: Marmo Maple <i>Acer freemanii</i> 'Marmo' ● Red Maple <i>Acer rubrum</i> ● Miyabe Maple <i>Acer miyabei</i> ●</p>	 <p>6. Japanese Barberry <i>Berberis thunbergii</i> Alternatives: Ninebark <i>Physocarpus opulifolius</i> ● Clove Currant <i>Ribes odoratum</i> ● Boxwood <i>Buxus</i> spp. ●</p>
 <p>2. Tree of Heaven <i>Ailanthus altissima</i> Not actively planted. Removal is recommended.</p>	 <p>7. Musk Thistle <i>Carduus nutans</i> ILNWL Not actively planted. Removal is recommended.</p>
 <p>3. Garlic Mustard <i>Alliaria petiolata</i> Not actively planted. Removal is recommended.</p>	 <p>8. Ox-eye Daisy <i>Chrysanthemum leucanthemum</i> Alternatives: Virginia Mountain Mint <i>Pycnanthemum virginianum</i> ● Wild Quinine <i>Parthenium integrifolium</i> ● Mammoth Mums <i>Chrysanthemum</i> 'Mammoth Mums' ●</p>
 <p>4. Giant Ragweed <i>Ambrosia trifida</i> L. ILNWL Not actively planted. Removal is recommended.</p>	 <p>9. Canada Thistle <i>Cirsium arvense</i> ILNWL Not actively planted. Removal is recommended.</p>
 <p>5. Common Ragweed <i>Ambrosia artemisiifolia</i> L. Not actively planted. Removal is recommended. ILNWL</p>	

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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 2021.



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.



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Adopt a Planter Program; The program is open to individuals, families, groups, and businesses. In addition to the Spring program for flower pots December 2021 was the second 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 flowers or for the Winter Program, an evergreen tree for holiday decorating. At the close of the holiday season, all trees are provided free of charge, back to the participants to plant.



ADOPT A PLANTER FLOWERS



ADOPT A PLANTER CHRISTMAS TREES

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BMP B.7 Other Public Involvement

The Village has met its measurable goal for Other Public Involvement in 2021.

BMP C. Illicit Discharge Detection and Elimination

BMP C.1 Sewer Map Preparation

MyGIS is the system used 100% now. The former system GIS MapOffice has entirely been phased out. In addition to all other Village departments and divisions, as it relates the Water Department, GIS mapping is continually updated.



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<input checked="" type="checkbox"/> Storm Utilities	
<input checked="" type="checkbox"/> Storm Catch Basin	>
<input checked="" type="checkbox"/> Storm Inlet	>
<input checked="" type="checkbox"/> Storm Manhole	>
<input checked="" type="checkbox"/> Storm Fitting	>
<input checked="" type="checkbox"/> Storm Flared End Section	>
<input checked="" type="checkbox"/> Storm Discharge Point	>
<input checked="" type="checkbox"/> Storm Cleanout	>
<input checked="" type="checkbox"/> Storm Pump	>
<input checked="" type="checkbox"/> Storm Retention Structure	>
<input checked="" type="checkbox"/> Storm Sewer Structure	>
<input checked="" type="checkbox"/> Storm Lateral	>
<input checked="" type="checkbox"/> Storm Main	>
<input checked="" type="checkbox"/> Storm Force Main	>

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 19.

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 2021, 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.

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Upon an event, an investigation is done almost immediately but within 24 hours, regarding any complaints, reports or monitoring information that indicates a potential illicit discharge. Investigated any report or discovery of a suspected illicit connection to determine the source of the connection, the nature and volume of discharge through the connection and the party responsible for the connection.

Wet weather inspections are completed on all MS4 outfalls for major rain events over .5" within 24 hours and with or without rain events, inspections are completed at least monthly.

Private Sector Inspection Program has been implemented and all findings are documented in one of our GIS tools. Inspectors' best efforts are used to identify any source 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 2021, monthly at minimum.

BMP C.4 Illicit Discharge Tracing Procedures

The Village met its measurable goal for Tracing Illicit Discharges in 2021.

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. Fact sheets such as the one listed below provide additional suggestions as well. 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.

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Illegal Dumping Control

Minimum Measure: Illicit Discharge Detection and Elimination

Subcategory: Trash and Illegal Dumping

Description

Illegal dumping is the disposal of waste in an unpermitted area, such as a back area of a yard, along stream bank, or at some other off-road area. Pouring liquid wastes or disposing of trash down storm drains can also qualify as illegal dumping. It is often called "open dumping," "fly dumping," and "midnight dumping" because materials are often dumped in open areas from vehicles along roadsides late at night. Primarily nonhazardous materials, illegally dumped wastes are dumped to avoid paying disposal fees or expending the time and effort required for proper disposal (USEPA Region 5, 1998).

Applicability

Illegal dumps and waste dumped illegally down storm drains can impair water quality. Runoff from dumpsites contain chemicals that can contaminate wells and surface water used as sources of drinking water. Substances disposed of directly into storm drains can also lead to water quality impairment. In systems that flow directly to waterbodies, illegally disposed-of substances are introduced untreated to the natural environment. For example, the state of Oklahoma has 2,446 illegal dumps, which will cost an estimated \$3,922,000 to clean up. As part of its pollution prevention efforts, the Oklahoma State University's Cooperative Extension Service has developed a series of posters and other displays to promote awareness of the problems that result from illegal dumping.

Implementation

Municipalities and organizations all over the United States have implemented programs to stop the illegal dumping of trash and used materials. Public education is the most important method of implementing such programs. To ensure their effectiveness, some programs allow for citizen reporting of illegal dumpers, who can then be fined, sentenced to jail, or be required to perform community service. Some clues can help citizens identify illegal dumpers (Fairfax County, 2000):

- Illegal dumping often occurs late at night and before dawn.
- There is often no company name on the construction vehicles or equipment.
- The construction activity occurs on a site with no company advertising sign.



A "No Dumping" sign discourages illegal dumping by threatening arrest (Source: @HomeWebSpace, Neuskool, 2000)

Proper Disposal of Household Hazardous Wastes

Minimum Measure: Public Education and Outreach on Stormwater Impacts

Subcategory: Education for Homeowners

Description

Many products found in homes contain chemicals potentially harmful to both people and the environment. Chemical products such as oven cleaners, paint removers, bug killers, solvents, and drain cleaners are just a few common hazardous products in the home. Over the last 20 years, concern about the disposal of such products has been growing. In 1976, the Resource Conservation and Recovery Act (RCRA) was passed, regulating the procedures governing the generation, storage, transport, treatment, and disposal of hazardous materials. Although this legislation has mitigated some of the problems associated with commercial hazardous material disposal, more needs to be done to reduce and properly dispose of home hazardous wastes.



Hazardous household wastes can be disposed of properly by taking them to a local waste collection facility

Hazardous products include the following:

- Cleaning products: oven cleaner, floor wax, furniture polish, drain cleaner, and spot remover
- Car care and maintenance: motor oil, battery acid, gasoline, car wax, engine cleaner, antifreeze, degreaser, radiator flush, and rust preventative
 - Home improvement products: paints, preservatives, strippers, brush cleaners, and solvents
 - Other products labeled toxic, flammable, or corrosive, or containing lye, phenols, petroleum distillates, or trichlorobenzene

Applicability

Municipal household hazardous waste programs are widely applicable and vary in scope. They can range from simply informing the public about the hazards of some commonly used household chemicals to establishing a household hazardous waste collection facility. More elaborate programs are best suited to larger communities that have existing facilities such as a municipal solid waste collection area.

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 2021.

BMP C.7 Visual Dry Weather Screening

Twelve outfalls located in the Village of Morton Grove have been inspected monthly, at a minimum, 2021. 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.

If any event/occurrence creates a situation 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 19.

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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 2021, 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 2021.

BMP C.9 Public Notification

The Village met its measurable goal for Public Notification in 2021.

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 2021.

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 twice in 2021.

BMP C.10 Other Illicit Discharge Controls

The Village met its measurable goal for Other Illicit Discharge Controls in Permit Year 19.

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 19

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 19.

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 2021.

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 2021.

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. No new ILR10 permits issued in Morton Grove in reporting year 19.

BMP D.6 Site Inspection/Enforcement Procedures

The Village met its measurable goal for Inspection/Enforcement Procedures for Site Inspections in permit year 19.

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 utmost 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 2021 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 19.

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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 19.

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 19.

BMP F. Pollution Prevention/Good Housekeeping

BMP F.1, Employee Training Program

The Public Works employees completed on-site and video training in 2021; 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, SMC-Lake County Stormwater Management Commission, and other Non profit Environmental Groups.

BMP F.1, Employee Training Program

The Village met its measurable goal in permit year 19.

BMP F.2 Inspection and Maintenance Program

The grounds of the Public Works Facility is inspected on a weekly basis. Village owned properties are inspected. In 2021, the Public Works Water and Sewer Division inspected and cleaned curb drains. Some either resulted in a repair or a replacement. Rodding was completed as well. Specific numbers and findings can be found in our Morton Grove Public Works Annual Report for 2021, found on our website.

BMP F.2 Inspection and Maintenance Program

The Village met its goal for Permit Year 19 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. Again, please refer to the MGPW Annual Report for exact numbers, charts, measurements and findings.

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.

Public Works Yard maintained weekly. Triple basin system inspected/cleaned in Spring and Autumn. Catch basin cleaning performed per annual schedule. Participation in watershed group by at least one PW staff. Over 200 trees to be planted. 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 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

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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.

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 2021 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. 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. See 2021 salt usage chart in the MGPW 2021 Annual report.

Leaf Pickup Programs –

The Public Works Department provides leaf collection service to all residents from October to December. The leaves collected in 2021 were 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.



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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 just over 100 trees in 2021. 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 2021 over 120 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 19.

BMP F.6 Other Municipal Operations Controls

Morton Grove continues allocating funds for their Stormwater facilities and related programs, property improvements and projects. Document municipal maintenance operations and improvements. Update GIS. 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 policies, 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 19.

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. A sample sheet of outfall inspections is shown below:

ALL OUTFALLS HAVE BEEN CHECKED MORE OFTEN THAN DOCUMENTED													
 7840 Nagle Avenue, Morton Grove, Illinois, 60053 (847) 470-5235 FAX (847) 965-9511													
OUTFALL INSPECTION: year													
Inspected by:	OUTFALL # <u>11</u>					WATERSHED: West Fork/ North Branch of Chicago River							
Miller	87 47' 15"												
	42 2' 21"												
	Access to end of pipe is:					OK	Far fr Rd.	Steep	Wet	Blocked			
	End of pipe flows into:					River	Stream	Creek	Ditch	Other:			
	Grated?					YES	NO						
	End of pipe submerged?												
	if yes: Date:												
DATE:	TIME:	TEMP.	End Date of last Rain	Amt. of last rain in inches	Outfall Flowing?	How long since last	Amt of flow	Color of flow	Odor?	Debris?	In need of Clean	Condition of Grate	
3/11	9.15	37	3-Jan	0.56	Y	rain now 0-2 days 3 or > unk	ZERO barely slow medium fast	Clear Muddy Colored Oily	N	N	N	OK	
4/29	NOON	48	29-Apr	0.54	Y	rain now 0-2 days 3 or > unk	ZERO barely slow medium fast	Clear Muddy Colored Oily	N	N	N	OK	
5/2	2	47	1-May	2.6	Y	rain now 0-2 days 3 or > unk	ZERO barely slow medium fast	Clear Muddy Colored Oily	N	N	N	OK	
6/6	NOON	72	5-Jun	0.58	Y	rain now 0-2 days 3 or > unk	ZERO barely slow medium fast	Clear Muddy Colored Oily	N	N	N	OK	
7/22	8.3	74	21-Jul	0.79	Y	rain now 0-2 days 3 or > unk	ZERO barely slow medium fast	Clear Muddy Colored Oily	N	N	N	OK	
8/28	8.1	71	27-Aug	1.35	Y	rain now 0-2 days	ZERO barely slow	Clear Muddy Colored	N	N	N	OK	

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

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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.

C.
CONTINUED: Results of information collected

Water quality monitoring (PART V.A.) performed thru 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 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.

Water Quality Resources

- [Illinois Integrated Water Quality Report and Section 303\(d\) List, 2016](#)
- [Illinois Nutrient Loss Reduction Strategy](#)
- [Urban Stormwater Management in the United States](#)

The NBWW 2021 Work plan Scorecard:

https://www.nbwwil.org/wp-content/uploads/2021/11/Appendix-A-Score-Card_2021-Evaluation.pdf

2021 Accomplishments

- Successfully collected macroinvertebrate and sediment chemistry sampling at 14 monitoring sites and water column chemistry at all 25 monitoring sites. See [Maps & Photos page](#).
- NBWW's 2020 – 2021 monitoring data was integrated into the IPS Model.
- Updated the NBWW Monitoring Strategy (2022). See [About Us >> Resources](#).
- Evaluated NBWW Workplan (2018-2023) scorecard to evaluate the workgroup's progress in 2021 and provide members with credits towards their NPDES ILR40 permit requirements. See [Plans & Reports Page](#).
- NBWW held 17 meetings in 2021; 8 executive board, 4 general membership and 5 monitoring & water quality impairment abatement committee meetings.

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

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.

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 # 20 > March 2022 thru Feb 2023

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 20: 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. 2022 will include 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. 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 20: Five water bill inserts/comments submitted to the finance dept to be included in water bills. .Four newsletter articles submitted to be published to include info on various topics such as climate change and personal pollution prevention practices. 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 water ways.

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.4 Community Event

Year 20: In-person events are resuming. The recycle event will take place again at the Public Works facility. 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. As restrictions have lifted, participating in 4 Community Outreach Events held at various schools will recommence.

BMP A.5 Education Material

Year 20: 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 20: Website to be reviewed during the 2nd and 4th quarter with necessary updates/modification to be completed. At periodic intervals throughout 2022, 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 20: Appeals to be heard by ENRC to grant, deny, or revoke tree permits or tree removal permits. ENRC to coordinate and facilitate community events as well. Sustainability topics as well as energy efficiency practices presented at outreach events as they have resumed this past year.

BMP B.7 Other Public Involvement

Year 20: Public Works will continue to provide residents and businesses to participate in the 'Adopt a Planter' for both Spring and Winter seasons. Information on policy, resources, compliance and enforcement data tools will be reviewed at <https://www.epa.gov/environmentaljustice> and/or <https://www.epa.gov/environmentaljustice/ej-iwg-promising-practices-ej-methodologies-nepa-reviews>. Promote & monitor Conservation@Home participants. Review EJ agenda webpage, and implement to MEP, practices found relevant for the Village.



CONSERVATION @ HOME

Conservation@Home is the ultimate everyone-can-do-something program! It starts with you making some earth-conscious choices in your home landscape. Replace some turf grass with beautiful and drought-resistant native plants, maybe install a rain barrel or two and reduce or eliminate your chemical use. We'd be happy to offer some advice along the way, free of charge.

Click here to
become a member & get involved
with Conservation@Home.

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

BMP C.1 Storm Sewer Mapping

Year 20: 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.

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

Year 20: 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 assisting with alleviating the source.

When needed, implement notification 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 20: Document any reported concerns and investigate and address any suspect discharges.

Inspection of 100% MS4 outfalls within the Village on monthly basis or more often due to rain events. Continue private sector inspections for basin 10.

BMP C.9 Public Notification

Year 20: For any occurrence, any CSO, SSO or significant illicit discharge to be posted on the website

Mailings to 2 categories of businesses, providing BMP guidance, will be completed. 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. Information related to targeted groups will continue to be furnished through direct mailings.

BMP C.10 Other Illicit Discharges Controls

Year 20: 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 and newsletter articles.

BMP D. Construction Runoff Control

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

Year 20: 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. Review ordinance and continue enforcement of the Village's Erosion and Sediment Control and Grading Ordinance.

BMP D.5 Public Info Handling

Year 20: 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 20: 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.

BMP E. Post-Construction Storm Water Management

BMP E.2 Regulatory Control

Year 20: 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 to the MEP.

BMP E.3 Long Term Maintenance

Year 20: 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 20: 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 20: Site inspections will begin for any qualifying developments that may be executed in 2022. This will include keeping track of any failed inspections and requiring follow up corrective actions.

BMP E.6 Post-Construction Site Inspections

Year 20: 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 20: Continually research and incorporate training information from other agencies and provide annual training of various topics to Public Works staff. Spill prevention and response training / IDDE / Pollution Prevention or Stormwater Runoff video presented to PW staff. Continually research and incorporate training information from other agencies. Attend NIPSTA.

BMP F.2 Inspection/ Maintenance Program

Year 20: 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 village owned properties. 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 20: During the course of 2022, 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 once again available, over 100 tree plantings will again be planned in 2022, 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 20: 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 20 funded by the Village of Morton Grove and covered by General Permit ILR400391 are listed below:

Water Main Installation > National Avenue from Dempster to Church 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**

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