

Notice of Intent for New or Renewal of General Permit for Discharges from Small Municipal Separate Storm Sewer Systems (MS4's)

Part I. Municipal (MS4) Contact Information

1. Name of Municipality: Village of Morton Grove MS4 #: ILR400391
Population (based on 2010 census): 23,270
2. MS4 Mailing Address: 6101 Capulina City: Morton Grove, IL Zip: 60053
3. Primary MS4 Contact Person (Authorized Representative for MS4 Permit)
Name: Joe Dahm Title: Director of Public Works
Phone: 847-470-5235 Email Address: jdahm@MortonGroveIL.org

General Information

4. Latitude and Longitude at approximate geographical center of MS4 for which you are requesting authorization to discharge:
Latitude: 42 02 26 Longitude: 87 46 57
Degrees Minutes Seconds Degrees Minutes Seconds
5. Community Type: Village Other: _____
6. Name(s) of governmental entity(ies) in which MS4 is located:
- | City/Village | Township | County |
|--------------|----------|--------|
| Morton Grove | Niles | Cook |
| MWRDGC | | Cook |
7. Area of land within your MS4 in square miles: 3.4
8. Percent of MS4 served by combined sewer: 26 Percent of MS4 served by separate sewer: 74

Impaired Waters

The most recent 303(d) list may be found at <https://www2.illinois.gov/epa/topics/water-quality/watershed-management/tmdls/Pages/303d-list.aspx>. Information regarding TMDLs may be found at <https://www2.illinois.gov/epa/topics/water-quality/watershed-management/tmdls/Pages/default.aspx>.

9.

Name(s) of known receiving waters (in and within 3 miles of MS4 area)	Impairment listed on 303d List or TMDL?
West Fork/North Branch of the Chicago River (IL_HCCB-05)	<input checked="" type="radio"/> Yes <input type="radio"/> No

9a. If impaired, which potential causes and source?

Causes: Chloride, Fecal Coliform, Dissolved Oxygen Source: road salt runoff, animal/pet waste and wildlife

- 9b. Are the receiving waterbodies included in an approved TMDL or alternate water quality management plan? ☒ Yes ☐ No

If yes, what measures to comply with the TMDL waste load allocation (WLA) are being implemented or are planned?

Participation / Membership in the North Branch Chicago River Watershed Workgroup;

- 9c. Is the MS4 community included in the chloride variance? ☒ Yes ☐ No

Program Responsibility

10. Shared Responsibility

Is your MS4 responsible for any permit requirements of another MS4 community? ☐ Yes ☒ No

Does your MS4 Community rely on another MS4 to satisfy any of the permit requirements? ☐ Yes ☒ No

11. Co-Permittee

Is your MS4 Community a Co-Permittee with another MS4 Community? ☐ Yes ☒ No

12. Other contacts responsible for implementation or coordination of Stormwater Management Program

Name: Kevin Lochner

Title: Superintendent Water / Sewer

Phone: 847-470-5235

Email: klochner@MortonGrovelL.org

Area of Responsibility: Water / Sewer Division

Part II. Best Management Practices (include shared responsibilities) which have been implemented or are proposed to be implemented in the MS4 area

A. Public Education and Outreach

Approximate date first implemented: March 2003

Frequency of each BMP program: Annually

Qualifying Local Programs

Currently, there are no Qualifying Local Programs with which The Village of Morton Grove shares responsibilities.

MS4 Stormwater Management Program:

As part of its stormwater management program, the Village of Morton Grove (MG) conducts a watershed outreach campaign which includes strategies promoting activities that educate and inform the public about the impacts of stormwater runoff on receiving water bodies and the steps that the public, students, and businesses can take to reduce those impacts. The Village utilizes a variety of best management practices (BMPs) to educate and inform the public about these issues, including: distributing paper material containing information about stormwater management; publishing articles in local newsletters and water bill inserts; presenting at community outreach events, to provide information about stormwater management; publicizing household hazardous waste collection facility locations; upon request, providing classroom education material on stormwater management to local students / teachers; upon request, providing training and information to local educators interested in conducting storm drain markings; and providing, on its website, information about stormwater management and its stormwater management program.

At the time this Notice of Intent is written and submitted, obstacles related to this control measure are present, due to the COVID-19 national health emergency. In order to better facilitate opportunities for public education, Morton Grove intends to utilize and encourage the use of electronic and telephonic means of communication and mailings to the maximum extent practicable (MEP). On-line tools and / or emails will be supported.

Over the coming years, Morton Grove plans to continue to perform a variety of activities related to the Public Education and Outreach as described below. Through one or more of the Public Education/Outreach BMPs, Morton Grove will strive to reach all of the population over the permit term.

☒ A.1 Distributed Paper Material

Brief Description of BMP

Through many sources, materials are gathered & distributed in order to educate, increase knowledge of stormwater pollutants and their impacts on local waters and influence positive change in the behaviors of individuals, households, businesses and the public in general. Documents include clear guidance on steps and specific actions to be taken to reduce stormwater pollution potential. Benefits of public education efforts are found in topics such as reduce-reuse-recycle, non-point source pollution, climate change, green stormwater infrastructure (GSI), low impact development, pollution prevention, water conservation and the environmental pillar to a sustainable community. Materials included may be created in house or may be obtained from other local/federal and private agencies.

Measurable Goals, including frequencies

Engage the public through educating individuals/groups/target audiences on stormwater information from basic stormwater principles to more elaborate topics. Identify populations or types of facilities that may contribute particular pollutants to our MS4 and develop educational materials accordingly. Approximately 20 copies of at least ten different documents are provided for distribution from Village Hall (VH) & Public Works (PW) throughout the year. The MG Civic Center and The MG Library, as additional distribution locations, offer a smaller opportunity for paper material distribution. However, these locations do provide the opportunity to reach other audiences. 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. An informal survey can be taken during at least one of the four community events, as well as keeping a log of stormwater related inquiries, in order to determine public perceptions, expectations, and desires helping to assess how much the public's awareness has increased, as it pertains to stormwater pollutants and their impacts on receiving waters. Attitude surveys can enlighten stormwater managers about appropriate steps to take going forward and misconceptions to dispel.

Milestones

Year 1: Distribute new/updated informational materials from take away racks quarterly. Inventory & replenish monthly.

Measurable Goals (include shared responsibilities)

Climate resiliency, green stormwater infrastructure (GSI) ideas and low impact development material are included. Climate resiliency, GSI ideas and low impact development material made available. Educational material to be mailed to 20% of the different types of businesses in Morton Grove. For example, Year 1 will include automobile related businesses, pet / animal shops, beauty salons, and dry storage. Target audiences will be provided individualized material if the need is discovered and/or reported.

Year 2: 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 and certain residents in Morton Grove. For example, Year 2 may include landscapers, food industries, chlorinated water locations (chlorinated pool owners), & pet owners. Target audiences will be provided individualized material if the need is discovered and/or reported.

Year 3: 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.

Year 4: 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.

Year 5: 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.

Additional Info

BMP Number: _____

☐ A.2 Speaking Engagement

☒ A.3 Public Service Announcement

Brief Description of BMP

A.3 > A variety of measures are taken to educate the community on the pollution potential of common activities, and increase awareness of the direct links between land activities, rainfall-runoff, storm drains, and local water resources. Assorted collaborations, for example with the Solid Waste Agency of Northern Cook County (SWANCC), allow for MG to share SWANCC materials and activities with the community. Each residence and business in the Village receives a water bill via mail. Included on each bill is a comment section which is utilized to provide storm water related information including preventative measures to be taken in order to reduce pollutants into our waterways. This area touches on topics from storm water basics, GSI benefits and strategies, and personal pollution prevention practices, to water conservation tips and upcoming events such as recycling day or neighborhood outreach schedule dates. This information is also included in our quarterly newsletter, distributed via mail as well as email. Procedures are in place to enhance the storm water section of our website. Locally relevant stormwater information is posted here. All outreach material promote use of the website and the opportunities it provides to residents. Updates will continually provide additional links to easily allow residents to obtain educational material to share with students, family members and friends. Warning signs have been installed at our outfall locations; these are inspected annually.

A.3 CONTINUES ON PAGE 8

Measurable Goals, including frequencies

A.3 > Residents receive a water bill six times per year. They will receive the bill with stormwater related comments in at A.3 CONTINUED: least 4 of these bills. A stormwater/sustainability/pollution prevention related article will be submitted and upon administrative approval, be published in each newsletter, distributed to all residents 4 times per year. This will

☒ A.4 Community Event

Brief Description of BMP

A.4 > At the time this Notice of Intent is written and submitted, obstacles related to this control measure are present, due to the COVID-19 national health emergency. In order to better facilitate opportunities for any type of community event, Morton Grove intends to utilize and encourage the use of electronic means of communication to the maximum extent practicable. On-line tools and / or emails will be supported. Social media avenues/online strategies may very well become prevalent throughout the timeline of this NOI. As far as participating in-person, in any live events, MG will strictly adhere to safe and secure protocols.

Educational displays will be provided, as often as possible, at events such as community festivals, farmers market, or A.4 CONTINUED: other community/business public affairs & neighborhood outreach events. Pollution prevention and green infrastructure strategies, provided by various governmental and private entities will be discussed/distributed to the public as well as target groups. Morton Grove has a very diverse population, therefore, all events automatically include various audiences. Available training-seminar-conference opportunities are researched, providing target groups notification and opportunity to attend instructional events specific to the individual/group.

Measurable Goals, including frequencies

A.4 MG Public Works Stormwater Management will be represented at the Community Outreach Events, presenting different topics as it relates to MS4s, and promoting positive behavior changes by the public to reduce water quality impacts associated with pollutants in stormwater runoff and illicit discharges. These outreach events occur at least four times per year at a variety of locations in the village; schools, places of worship and park district facilities. Annually, Morton Grove teams up with SWANCC and hosts a recycle event.

Milestones

Year 1:	A-4 Participate in 4 Community Outreach Events. Research for available training opportunities and notify special targeted groups.
Year 2:	A-4 Participate in 4 Community Outreach Events. Research for available training opportunities and notify special targeted groups. Host a recycle event in the Spring
Year 3:	A-4 Participate in 4 Community Outreach Events.

afford stormwater management the opportunity to provide detailed green infrastructure strategies that mimic natural processes and make suggestions on how to direct stormwater to areas where it can be infiltrated, evaporated or reused. Alternatives to paving, for example, can be discussed here, providing information on using permeable pavement and its benefits as it relates to green infrastructure. The website is reviewed and modified twice per year, to include recent developments as it pertains to regulations/ environment/stormwater. Links are added/deleted based on current information.

Milestones

- Year 1: A-3 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.
Website to be reviewed during the 2nd and 4th quarter with necessary updates/modification to be completed.
- Year 2: A-3 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.
Website to be reviewed during the 2nd and 4th quarter with necessary updates/modification to be completed.
- Year 3: A-3 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.
Website to be reviewed during the 2nd and 4th quarter with necessary updates/modification to be completed.
- Year 4: A-3 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.
Website to be reviewed during the 2nd and 4th quarter with necessary updates/modification to be completed.
- Year 5: A-3 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.
Website to be reviewed during the 2nd and 4th quarter with necessary updates/modification to be completed.

Additional Info

BMP Number: _____

Research for available training opportunities and notify special targeted groups.
Host a recycle event in the Spring

- Year 4: A-4 Participate in 4 Community Outreach Events.
Research for available training opportunities and notify special targeted groups.
Host a recycle event in the Spring

- Year 5: A-4 Participate in 4 Community Outreach Events. cont on pg. 8
Research for available training opportunities and notify special targeted groups.
Host a recycle event in the Spring

Additional Info

BMP Number: _____

☒ A.5 Classroom Education Material

Brief Description of BMP

A.5 The Village of Morton Grove generates age appropriate educational kits which provide a variety of stormwater related information including games and promotional items establishing an opportunity for all age groups to increase their awareness of the role they each can/should play in pollution prevention. Specific examples are provided, of actions each can take in order to reduce individual stormwater pollution potential.

Measurable Goals, including frequencies

A.5 Through other governmental and private entities, educational tools are researched, used and implemented to MEP as it relates to the community. An Enviroscope is a learning tool made available, upon request, for classroom use or presenting at local events. Six schools to be notified of the chance to request a presentation by the Arborist for tree planting guidance and participation. Information on the benefits of trees as it relates to stormwater is included in 'How Trees Tame Stormwater'.

Educational kits made available upon request include grade level appropriate material. In addition to promo items, a collection of tools, guidance and resources is provided to encourage behavioral changes by students based upon greater knowledge of topics, which will often be shared with parents and implemented at home. This can also be used to incorporate into a classroom education curriculum.

Milestones

Year 1: Educational kits made available for use by instructors for 3rd grade classes from at least 1 of 6 schools. Arborist to provide at least one school with classroom material and tree seedlings.

Year 2: Educational kits made available for use by instructors for 3rd grade classes from at least 1 of 6 schools. Arborist to provide at least one school with classroom material and tree seedlings.

Year 3: Educational kits made available for use by instructors for 3rd grade classes from at least 1 of 6 schools. Arborist to provide at least one school with classroom material and tree seedlings.

Year 4: Educational kits made available for use by instructors for 3rd grade classes from at least 1 of 6 schools. Arborist to provide at least one school with classroom material and tree seedlings.

Year 5: Educational kits made available for use by instructors for 3rd grade classes from at least 1 of 6 schools. Arborist to provide at least one school with classroom material and tree seedlings.

Additional Info

BMP Number: _____

☒ A.6 Other Public Education

Brief Description of BMP

Current times dictate the use of social media, websites, videos and mobile apps to effectively reach a majority of individuals. With this in mind, social media, website links and contact through email is found to be a strong avenue for increasing the level of awareness about stormwater pollutants and their impacts on receiving waters. The Village Website address is provided on all outreach material. This is also a location for any public comments/concerns to be privately submitted.

Once per year the vehicle sticker season draws a large number of residents into Village Hall; This provides a prime time to reach out to residents in a more personal manner by presenting information while residents wait in line for vehicle stickers.

Measurable Goals, including frequencies

At least once per year, a new link will be added to our website for public review. This will be in the form of a video available from other environmental entities. Participate in vehicle sticker season each year. Use of social media outlets will increase over the permit term; adding facebook comments, and providing links to environmental subjects.

Milestones

Year 1: Add a new link/video to website. Review and update website links to other entities at least twice. Participate in

vehicle sticker season for 1 week over the sticker renewal period. Post one article on facebook, containing related subject matter.

Year 2: Add a new link/video to website. Review and update website links to other entities at least twice. Participate in vehicle sticker season for 1 week over the sticker renewal period. Publish one article, containing related subject matter on facebook page.

Year 3: Add a new link/video to website. Review and update website links to other entities at least twice. Participate in vehicle sticker season for 1 week over the sticker renewal period. Publish one article, containing related subject matter on facebook page.

Year 4: Add a new link/video to website. Review and update website links to other entities at least twice. Participate in vehicle sticker season for 1 week over the sticker renewal period. Publish one article, containing related subject matter on facebook page.

Year 5: Add a new link/video to website. Review and update website links to other entities at least twice. Participate in vehicle sticker season for 1 week over the sticker renewal period. Publish one article, containing related subject matter on facebook page.

Additional Info

BMP Number: _____

B. Public Participation/Involvement

Approximate date first implemented: March 2003

Frequency of each BMP program: Annually

Qualifying Local Programs

Currently, there are no Qualifying Local Programs with which the Village of Morton Grove shares responsibilities.

As part of its stormwater management program, Morton Grove conducts a number of Public Participation/ Involvement activities that involve and engage the public in the implementation of its stormwater management program. The Village utilizes a variety of best management practices (BMPs) to involve and engage the public in these efforts, including: attending and encouraging public participation in hearings/meetings; providing information about stormwater management and its stormwater management program at public outreach meetings; attending and participating in Watershed Workshops to discuss and coordinate on the implementation of Illinois EPA's NPDES Stormwater Program; and providing a phone number and maintaining a process for receiving and processing information about stormwater-related problems and concerns from the public. Over the coming years, Morton Grove plans to continue to perform a variety of activities related to Public Participation/Involvement

Measurable Goals (include shared responsibilities)

☐ B.2 Educational Volunteer

☐ B.3 Stakeholder Meeting

☒ B.4 Public Hearing

Brief Description of BMP

Provide opportunities for residents from all economic and ethnic backgrounds to participate in the stormwater management program. For input as to the adequacy of our stormwater program, a citizens' report form can be found and filed on our website. Additionally, an opportunity to provide input is granted, at a minimum, annually at one of many Community Outreach Events held throughout the year. A copy of the SWMP is made available at each outreach event and residents are encouraged to review it (or on website) and provide feedback.

The Environmental and Natural Resource Commission (ENRC) is a volunteer group. It consists of a minimum of 9 members which meets with the intent and purpose to improve, preserve, protect and promote the public's health, safety and welfare as it relates to the conservation, preservation, improvement, sustainability and protection of the environment

and natural resources of the Village using nature-based solutions.

Measurable Goals, including frequencies

ENRC meetings held on the first Tuesday of each month at 6pm. The members will assist in promoting public interest, awareness and participation to preserve, conserve, enhance, sustain and protect the environment and natural resources of the Village. ENRC shall implement community-wide programs and events intended to positively impact, preserve and sustain the environment. These programs will help facilitate discussions on the benefits and costs of green stormwater infrastructure (GSI) strategies as well as provide guidance on implementation.

Milestones

Year 1: ENRC is to research, review and provide input for the development of a Village sustainability plan.
Appeals to be heard to grant, deny, or revoke tree permits or tree removal permits.

Year 2: ENRC is to review and provide input for the Village's sustainability plan.
Appeals to be heard to grant, deny, or revoke tree permits or tree removal permits.

Year 3: 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

Year 4: 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

Year 5: 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

Additional Info

BMP Number: _____

- ☐ B.5 Volunteer Monitoring
- ☐ B.6. Program Involvement
- ☒ B.7 Other Public Involvement

Brief Description of BMP

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 nine different species of trees from which to choose.

Promotional items are created and distributed for use as reminders to citizens of the importance of pollution prevention and related storm water concerns. These items are accompanied by handouts about how to ensure the reduction of pollutants in our storm water discharges to the maximum extent practicable. Fact Sheets and other matter often include information on climate change and GSI ideas. Here, rain gardens, permeable pavers and the use of rain barrels are recommended.

Conservation@Home is a new avenue for resident and business participation founded by The Conservation Foundation.

In order to deepen Environmental Justice (EJ) practices to improve the health and environment of communities, the EPA has developed the EJ2020 Action Agenda. 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>. Identify any environmental justice areas within the Village using this website as well. Evaluate the need to tailor program messages based on different languages.

Measurable Goals, including frequencies

To help in removing pollutants, deter flood waters and provide wildlife habitats, the Village provides its residents with an opportunity to participate in a reforestation program each Spring. Conservation@Home Program 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. Promotional items, together with environmental fact sheets, are provided at each quarterly outreach event.

Milestones

- Year 1: Applications taken for resident tree planting requests beginning each January for planting in the Spring.
Order a new promo item for distribution at outreach events.
Publicize Conservation@Home program
Review EJ webpage, and implement to MEP, practices found relevant for the Village.
- Year 2: 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.
Promote Conservation@Home program
Review EJ agenda webpage, and implement to MEP, practices found relevant for the Village.
- Year 3: 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
Review EJ agenda webpage, and implement to MEP, practices found relevant for the Village.
- Year 4: 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
Review EJ agenda webpage, and implement to MEP, practices found relevant for the Village.
- Year 5: 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
Review EJ agenda webpage, and implement to MEP, practices found relevant for the Village.

Additional Info

BMP Number: _____

C. Illicit Discharge Detection and Elimination

Approximate date first implemented: March 2003

Frequency of each BMP program: Annually

Qualifying Local Programs

Currently, there are no Qualifying Local Programs with which The Village of Morton Grove shares responsibilities.

As part of its stormwater management program, the Village of Morton Grove conducts a number of activities related to Illicit Discharge Detection and Elimination. In accordance with the permit, the Village's Illicit Discharge Detection and Elimination program includes:

- A storm sewer system map showing the locations of all outfalls and the names and locations of all waters that receive discharges from those outfalls;
- An ordinance or other regulatory mechanism that prohibits all non-stormwater discharges into the storm sewer system and provides the authority for appropriate enforcement procedures and actions;
- A plan to detect and address all non-stormwater discharges, including illegal dumping, into the storm sewer system;
- A program to educate public employees, businesses, and the general public about the hazards associated with illegal discharges and improper disposal of waste;
- Periodic inspection of storm sewer outfalls for detection of non-stormwater discharges and illegal dumping.

Over the coming years, the Village plans to continue to perform a variety of activities related to the Illicit Discharge Detection and Elimination

Measurable Goals (include shared responsibilities)

☒ C.1 Sewer Map Preparation

Brief Description of BMP

Morton Grove maintains GIS system of the sewer systems and is continually updating and revising it. Each outfall and its tributary watershed has been mapped and made available for public view at the Morton Grove Public Works Department. The storm sewer system map is one 'layer' of information in our GIS mapping system; this provides the location, length/size and identification of all elements of the Storm Sewer System. Included as well, are all outfalls in the MS4, discharging to waters of the U.S. Each outfall is field verified and referenced by a unique identifier. The GIS system also allows for identification by latitude and longitude. Electronic tools like ARC GIS Collector Apps have been created for use to inventory our water service line material, it tracks and updates smoke testing, sewer lining, televising, direction of flow and allows for changes or additions on site.

Measurable Goals, including frequencies

Any major changes in the map will be submitted to MGP staff, the company which updates all mapping information in the GIS system. These modifications are typically completed within 30 days, depending on the scope of change.

Milestones

- Year 1: Continual revisions and updates are made to the sewer maps. Field discoveries, new developments/improvements, inspections, meter replacements and any repairs may call for changes in the GIS system.
- Year 2: Continual revisions and updates are made to the sewer maps. Field discoveries, new developments/improvements, inspections, meter replacements and any repairs may call for changes in the GIS system.
- Year 3: Continual revisions and updates are made to the sewer maps. Field discoveries, new developments/improvements, inspections, meter replacements and any repairs may call for changes in the GIS system.
- Year 4: Continual revisions and updates are made to the sewer maps. Field discoveries, new developments/improvements, inspections, meter replacements and any repairs may call for changes in the GIS system.
- Year 5: Continual revisions and updates are made to the sewer maps. Field discoveries, new developments/improvements, inspections, meter replacements and any repairs may call for changes in the GIS system.

Additional Info

BMP Number: _____

☒ C.2 Regulatory Control Program

Brief Description of BMP

Morton Grove Municipal Code TITLE 7- Public Property and Utilities, CHAPTER 5- Sewer Regulations. Sewer regulations and any discharge to a municipal separate storm sewer that is not composed entirely of storm water except discharges pursuant to an NPDES permit are prohibited to the storm sewer system in the Village. CHAPTER 10- Erosion and Sediment Control and Grading. After a detailed review and with changes by regulatory agencies, these codes are continually reviewed and marked for enhancements / changes. Studying the technical standards from Metropolitan Water Reclamation District (MWRD), State, Federal and other Municipalities prove to help prepare Morton Grove for forthcoming approval to complete and improve the current ordinance.

Measurable Goals, including frequencies

Evaluating the technical standards from other State, Federal and other Municipalities help prepare Morton Grove for continued modifications and improvements to the current ordinance. Recognition, notification and implementation of needed revisions have been logged and are reviewed biannually for future planning and requests for approval. Community involvement in the regulatory process to be achieved by public notification of agenda topic; ordinance review and modification.

Milestones

- Year 1: Revisions that have been logged will be arranged and consolidated to present to the Morton Grove Board for ordinance update approval.
- Year 2: Continue to develop and adopt Morton Grove Code/revisions, prohibiting illicit discharges or connections. Continue to enforce all sewer regulations and update these as necessary.
- Year 3: Continue to develop and adopt Morton Grove Code/revisions, prohibiting illicit discharges or connections. Continue to enforce all sewer regulations and update these as necessary.
- Year 4: Continue to develop and adopt Morton Grove Code/revisions, prohibiting illicit discharges or connections. Continue to enforce all sewer regulations and update these as necessary.
- Year 5: Continue to develop and adopt Morton Grove Code/revisions, prohibiting illicit discharges or connections. Continue to enforce all sewer regulations and update these as necessary.

Additional Info

BMP Number: _____

☐ C.3 Detection/Elimination Prioritization Plan

☒ C.4 Illicit Discharge Tracing Procedures

Brief Description of BMP

Notifying and providing the community with a hot-line and email link on our website is intended to encourage the reporting of any illegal dumping or other discharge concerns.

Following established standard operating procedures for identifying the source of an illicit discharge and to document any suspect discharges, discharge tracing ensues. The Water/Sewer Division, together with the Engineering Division has determined priority areas in the Village as basin 7 & 10. These basins discharge to outfalls 9, 10 & 18.

The Water/Sewer Division uses several methods to detect, trace and address the source of any reported or identified illicit discharge in any area of the village. By use of our extensive GIS mapping system, flow direction and manhole locations are identified. Manhole observations, dye testing, smoke testing, and sewer televising are 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, on-site inspections will be performed at all nearby buildings until the source has been identified. The particular Outfall(s) for the area will be inspected to confirm discharge did not reach the waterway.

Inspections of outfalls are also carried out during significant wet weather events to identify if any illicit discharges occur.

Measurable Goals, including frequencies

Investigate within 24 hours, on average, any complaints, reports or monitoring information that indicates a potential illicit discharge. Investigate within 3 days of 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.

Private Sector Inspection Program has been implemented and all findings are documented in one of our GIS tools. 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 six times per year. Inspectors' best efforts are used to identify any source and follow an established standard operating procedure to address the discharge

Milestones

Year 1: Document any reported concerns and investigate and address any suspect discharges.
Inspection of 100% MS4 outfalls within the Village. Compile and submit results of private sector inspections completed in basin 7. Initiate basin 10 private sector inspections.

Year 2: Document any reported concerns and investigate and address any suspect discharges.
Inspection of 100% MS4 outfalls within the Village. Continue private sector inspections for basin 10.

Year 3: Document any reported concerns and investigate and address any suspect discharges.
Inspection of 100% MS4 outfalls within the Village. Continue private sector inspections for basin 10.

Year 4: Document any reported concerns and investigate and address any suspect discharges.
Inspection of 100% MS4 outfalls within the Village. Continue private sector inspections for basin 10.

Year 5: Document any reported concerns and investigate and address any suspect discharges.
Inspection of 100% MS4 outfalls within the Village. Continue private sector inspections for basin 10.

Additional Info

BMP Number: _____

☒ C.5 Illicit Source Removal Procedures

Brief Description of BMP

Once a source of illicit discharge is identified and confirmed, procedures are implemented for eliminating such discharges.

Because there may be 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.

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, maintenance and inspection of the storm sewer pipes will also prevent / remedy illicit discharge incidents.

A private sector inspection program (PSP) has been developed and implemented to help reduce the impact of pollutants reaching our waterways. A GIS field entry inspection tool displays the inspection schedule and results are continually updated. Any identified illicit discharge concerns are communicated to residents, resolved then re-inspected for compliance. Continuance of private sector inspections in our high priority areas will further identify and rectify any private illicit discharges.

Data regarding the proper disposal of household hazardous waste (HHW) / toxic substances, certified locations for

disposal and details regarding the hazards associated with illegal discharges and improper disposal of waste are made readily available to residents and businesses in Morton Grove.

Measurable Goals, including frequencies

HHW information is provided upon request and available at municipal buildings. Updating and/or re-stocking of this information is done quarterly. Deficiencies and non-compliant issues will be continually reported and tracked to final resolution.

Milestones

Year 1: Provide HHW information to residents and businesses thru outreach mailings and takeaway racks. Implement private sector inspections on at least 10% of basin 10 to identify any Illicit discharge sources and provide assistance in alleviating the source. When needed, implement notification and provide standard operating removal procedure information for eliminating discharges.

Year 2: Provide HHW information to residents and businesses thru outreach mailings and takeaway racks. Implement private sector inspections on at least 10% of basin 10 to identify any Illicit discharge sources and provide assistance in alleviating the source. When needed, implement notification and provide standard operating removal procedure information for eliminating discharges.

Year 3: Provide HHW information to residents and businesses thru outreach mailings and takeaway racks. Implement private sector inspections on at least 10% of basin 10 to identify any Illicit discharge sources and provide assistance in alleviating the source. When needed, implement notification and provide standard operating removal procedure information for eliminating discharges.

Year 4: Provide HHW information to residents and businesses thru outreach mailings and takeaway racks. Implement private sector inspections on at least 10% of basin 10 to identify any Illicit discharge sources and provide assistance in alleviating the source. When needed, implement notification and provide standard operating removal procedure information for eliminating discharges.

Year 5: Provide HHW information to residents and businesses thru outreach mailings and takeaway racks. Implement private sector inspections on at least 10% of basin 10 to identify any Illicit discharge sources and provide assistance in alleviating the source. When needed, implement notification and provide standard operating removal procedure information for eliminating discharges.

Additional Info

BMP Number: _____

☐ C.6 Program Evaluation and Assessment

☒ C.7 Visual Dry Weather Screening

Brief Description of BMP

Implement dry weather inspections of all outfalls in the MS4. Field worksheets will be completed and kept on file for at least three years. Warning signs/symbols at outfalls are inspected annually.

Measurable Goals, including frequencies

100 % of outfalls located within the Village of Morton Grove shall have a completed field screening at least once per year for any dry weather flow. If necessary, video inspections are conducted. Use of drone by Certified Drone Operator in the Engineering Division is available for detailed recording of outfalls.

Milestones

- Year 1: Dry weather inspections of all outfalls in the Village's MS4.
- Year 2: Dry weather inspections of all outfalls in the Village's MS4. Use of drone for up-close photo and video inspections and record keeping.
- Year 3: Dry weather inspections of all outfalls in the Village's MS4.
- Year 4: Dry weather inspections of all outfalls in the Village's MS4. Use of drone for up-close photo and video inspections and record keeping.
- Year 5: Dry weather inspections of all outfalls in the Village's MS4.

Additional Info

BMP Number: _____

☐ C.8 Pollutant Field Testing

☒ C.9 Public Notification

Brief Description of BMP

Description of the differences between Storm and Sanitary Sewers remains posted on our website. The Village continues to enforce the code prohibiting all unauthorized non-stormwater discharges into the storm sewer system. If/when any combined sewer overflow (CSO) has occurred, notification is received from the MWRD and posted for public notification. The website provides an option for residents to subscribe to this electronic notification. A list of Morton Grove businesses, categorized by type, has been utilized for direct mailings of BMPs specific to each targeted audience. Currently there are approximately 18 categories of businesses present in the Village. Residents are notified by mailed postcards, about the neighborhood outreach events and the opportunity to learn more about Illicit discharges and personal pollution prevention responsibilities.

Measurable Goals, including frequencies

Within 3 days, any findings of confirmed illicit discharges are addressed and immediately posted on our website if found to have a possible negative effect to the health or safety of the public. Sanitary Sewer Overflows (SSOs) occurrences are reported and then posted on the website. Postcards mailed four times per year to all residents, notifying them of the opportunity to attend an informational, village wide outreach event.

Milestones

- Year 1: For each 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.
- Year 2: For each 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.
- Year 3: For each 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.
- Year 4: For each 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.
- Year 5: For each 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.

Additional Info

BMP Number: _____

☒ C.10 Other Illicit Discharge Controls

Brief Description of BMP

Provided are 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. The Village has a 24 hour Municipal Hotline. Calls during operating hours are taken by the Public Works Department's Engineering Division and off hours are taken at the Police Department. Email contact information is included on the village web page. Monitoring of calls is ongoing and documented. Educate Public Works (PW) employees through in-house training videos, for example, how to identify and remedy illicit discharges, spills and leaks.

Measurable Goals, including frequencies

Recording of all correspondence via email link on website and all phone calls received to report any dumping or illicit activities. Annual training via video presentation.

Milestones

- Year 1: Request to report any dumping and / or illicit discharges to be included on one water bill.
Provide video training to employees. Continue to document reports of discharge concerns.
- Year 2: Request to report any dumping and / or illicit discharges to be included on one water bill.
Provide video training to employees. Continue to document reports of discharge concerns.
- Year 3: Request to report any dumping and / or illicit discharges to be included on one water bill.
Provide video training to employees. Continue to document reports of discharge concerns.
- Year 4: Request to report any dumping and / or illicit discharges to be included on one water bill.
Provide video training to employees. Continue to document reports of discharge concerns.
- Year 5: Request to report any dumping and / or illicit discharges to be included on one water bill.
Provide video training to employees. Continue to document reports of discharge concerns.

Additional Info

BMP Number: _____

D. Construction Site Runoff Control

Approximate date first implemented: March 2003

Frequency of each BMP program: Annually

Qualifying Local Programs

Currently, there are no Qualifying Local Programs with which The Village of Morton Grove shares responsibilities.

In accordance with the permit, the Village of Morton Grove has developed and implemented a Construction Site Runoff Control program to reduce the amount of pollution contained in construction stormwater runoff that enters Morton Grove's storm sewer system from development sites. The Village has adopted the MWRD's Water Management Ordinance (WMO) and has authority to administer and enforce the provisions of the WMO. Morton Grove's Building Department and/or Engineering Division is responsible for reviewing and permitting development plans and for administering and enforcing the provisions of MG codes and the WMO within Morton Grove. Assistance in achieving compliance with the terms and conditions of the WMO is provided as guidance by these divisions or other authorized inspectors of Morton Grove. When appropriate and practicable, each project design will ensure green stormwater infrastructure (GSI) practices and low impact development are in place prior to the commencement of construction.

Over the coming years, the Village of Morton Grove plans to continue to perform a variety of activities related to the Construction Site Runoff Control and reducing pollutants from these construction activities.

☒ D.1 Regulatory Control Program

Brief Description of BMP

Erosion and Sediment Control and Grading ordinances are found in Morton Grove's Municipal Code Title 7 Chapters 9 and 10. The codes, for example, require construction site operators to install and maintain adequate erosion and sediment control BMPs providing protection to receiving waters, control waste, ensure consistency and compliance with all local and State requirements. For sites ≥ 1 acre, a permit (ILR10) must be obtained, followed and kept on site along with its Stormwater Pollution Prevention Plan (SWPPP).

The Village will continue to review the Northern Cook County Soil & Water Conservation District (NCCSWCD) recommended technical standards and incorporate these, as identified in the Illinois Urban Manual, into Village Standards.

Measurable Goals, including frequencies

The Village Code helps to ensure preservation of any natural features of development sites, including natural storage and infiltration characteristics when applicable. Goals of this plan also include minimizing, to the maximum extent practicable, any increase in storm water runoff and reduction of soil erosion from any new development or construction project. No negative impacts should result from land disturbance and minimal protective vegetation is to be removed. GSI concepts to be considered and implemented to the MEP. After multiple reviews and with increased requirements 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.

Each year, the Village will review the current codes and recommend any beneficial changes, reflecting reviews of other ordinances and technical standards as it relates to land development codes.

Milestones

Year 1: Review ordinance and continue enforcement of the Village's Erosion and Sediment Control and Grading Ordinance.

Year 2: Review ordinance and continue enforcement of the Village's Erosion and Sediment Control and Grading Ordinance.

Year 3: Review ordinance and continue enforcement of the Village's Erosion and Sediment Control and Grading Ordinance.

Year 4: Review ordinance and continue enforcement of the Village's Erosion and Sediment Control and Grading Ordinance.

Year 5: Review ordinance and continue enforcement of the Village's Erosion and Sediment Control and Grading Ordinance.

Measurable Goals (include shared responsibilities)

Additional Info

BMP Number: _____

☐ D.2 Erosion and Sediment Control BMPs

☒ D.3 Other Waste Control Program

Brief Description of BMP

The operation of a site by construction managers requires sites to minimize adverse impacts to water quality. The Village's Control of Materials and Debris, found in Title 7 Chapter 10, and the standards of the Illinois Urban Manual and the "Illinois Procedures And Standards For Urban Soil Erosion And Sedimentation Control" shall be adequate applications to prevent transportation of sediment from the site to the satisfaction of the Village. Green Infrastructure, Low Impact Development and other construction based training and /or informational seminar schedules are readily available for contractors.

Measurable Goals, including frequencies

Developments to be inspected for compliance with preventing sediment transportation from each site.
Updated schedules for training seminars/webcasts will be provided to contractors annually.
Applicable construction information mailed to Morton Grove licensed contractors each year.

Milestones

- Year 1: Continue enforcement of the Control of Materials and Debris code. Construction site inspections are performed upon building permit approval and onset of site disturbance/construction and final stabilization. Informational documents on stormwater and the construction industry are made available. 20% of the licensed contractors in Morton Grove will be mailed applicable information.
- Year 2: Continue enforcement of the Control of Materials and Debris code. Construction site inspections are performed upon building permit approval and onset of site disturbance/construction and final stabilization. Informational documents on stormwater and the construction industry are made available. 20% of the licensed contractors in Morton Grove will be mailed applicable information.
- Year 3: Continue enforcement of the Control of Materials and Debris code. Construction site inspections are performed upon building permit approval and onset of site disturbance/construction and final stabilization. Informational documents on stormwater and the construction industry are made available. 20% of the licensed contractors in Morton Grove will be mailed applicable information.
- Year 4: Continue enforcement of the Control of Materials and Debris code. Construction site inspections are performed upon building permit approval and onset of site disturbance/construction and final stabilization. Informational documents on stormwater and the construction industry are made available. 20% of the licensed contractors in Morton Grove will be mailed applicable information.
- Year 5: Continue enforcement of the Control of Materials and Debris code. Construction site inspections are performed upon building permit approval and onset of site disturbance/construction and final stabilization. Informational documents on stormwater and the construction industry are made available. 20% of the licensed contractors in Morton Grove will be mailed applicable information.

Additional Info

BMP Number: _____

☒ D.4 Site Plan Review Procedures

Brief Description of BMP

The Village has a plan review process to require the control of waste and debris on construction sites while enforcing current regulations as well as approving designs that will have the least effect on the existing landscape. Reviewing plans with contractors at pre-con meetings include discussion of a weekly submittal of site inspection documentation. Minimizing, to the maximum extent practicable, any increase in storm water runoff and reduction of soil erosion from any new development or construction project is priority. The preservation of existing natural drainage ways and natural vegetation, if feasible, is preferred over the construction or installation of structures. Plan reviews look to preserve all existing natural drainage ways, minimize new impervious surfaces while also providing guidance to convey stormwater in open vegetated channels.

Measurable Goals, including frequencies

Site plans are reviewed by the Engineering Division, in accordance to the provisions of the Watershed Management Ordinance/Village Codes and other Illinois Procedures and Standards. If present, use of green infrastructure practices, when appropriate and practicable, will be recognized and approved, or guidance is provided to contractors if reasonable to implement into the project design.

Additionally, post construction plans are discussed and reviewed.

Milestones

Year 1: Continue site plan reviews of development plans for Erosion and Sediment Control requirements. Revision requests and/or guidance made by Engineering prior to any site plan approval.

Year 2: Continue site plan reviews of development plans for Erosion and Sediment Control requirements. Revision requests and/or guidance made by Engineering prior to any site plan approval.

Year 3: Continue site plan reviews of development plans for Erosion and Sediment Control requirements. Revision requests and/or guidance made by Engineering prior to any site plan approval.

Year 4: Continue site plan reviews of development plans for Erosion and Sediment Control requirements. Revision requests and/or guidance made by Engineering prior to any site plan approval.

Year 5: Continue site plan reviews of development plans for Erosion and Sediment Control requirements. Revision requests and/or guidance made by Engineering prior to any site plan approval.

Additional Info

BMP Number: _____

☒ D.5 Public Information Handling Procedures

Brief Description of BMP

Track number of calls received and / or emails sent via website link, with regard to any complaints related to soil erosion and sediment control. If/when corrective actions are required they will be addressed without delay.

Measurable Goals, including frequencies

Correspondence related to any complaints received for ongoing developments is documented and transferred to appropriate personnel for review and resolution.

Milestones

Year 1: Investigate reports of erosion and sediment control concerns/issues and prescribe corrective actions for a solution when needed.

Year 2: Investigate reports of erosion and sediment control concerns/issues and prescribe corrective actions for a solution when needed.

Year 3: Investigate reports of erosion and sediment control concerns/issues and prescribe corrective actions for a solution when needed.

Year 4: Investigate reports of erosion and sediment control concerns/issues and prescribe corrective actions for a solution when needed.

Year 5: Investigate reports of erosion and sediment control concerns/issues and prescribe corrective actions for a solution when needed.

Additional Info

BMP Number: _____

☒ D.6 Site Inspection/Enforcement Procedures

Brief Description of BMP

Morton Grove requires erosion and sediment control BMPs and each qualifying site will encounter inspections and submittal of documents will be required per permit obligations. Reviews of ILR10 compliance will incur.

Measurable Goals, including frequencies

Through the municipal construction inspection program, field inspection worksheets will be completed for on-site development inspections to confirm compliance. If it is found that erosion and sediment controls are not in place or are not being adequately maintained, follow up and enforcement will be required. Should a problem exist that a development refuses to comply, a 'stop work order' would be presented by one of our inspectors. Enforcement would then be turned over to our Building Department to process.

Milestones

Year 1: Inspect and monitor construction sites and track any possible violations. Confirm that any non-compliant issues are addressed in a timely manner.

Year 2: Inspect and monitor construction sites and track any possible violations. Confirm that any non-compliant issues are addressed in a timely manner.

Year 3: Inspect and monitor construction sites and track any possible violations. Confirm that any non-compliant issues are addressed in a timely manner.

Year 4: Inspect and monitor construction sites and track any possible violations. Confirm that any non-compliant issues are addressed in a timely manner.

Year 5: Inspect and monitor construction sites and track any possible violations. Confirm that any non-compliant issues are addressed in a timely manner.

Additional Info

BMP Number: _____

☐ D.7 Other Construction Site Runoff Controls

E. Post-Construction Runoff Control

Approximate date first implemented: March 2003

Frequency of each BMP program: Annually

Qualifying Local Programs

Currently, there are no Qualifying Local Programs with which The Village of Morton Grove shares responsibilities.

In accordance with the permit, the Village of Morton Grove has developed and implemented a Post-Construction Runoff Control program to reduce the amount of pollution contained in post-construction stormwater runoff that enters the Village's storm sewer system from developed / redeveloped sites. Inclusion of retention and/or detention areas in developments is a common approach to controlling both storm water volume and settling out particulates for pollutant removal. Storm-trap installation as well as using grassy swales, in place of curb & gutter, is a common practice seen in new or redevelopment projects in our area. When possible, strategies preferred include preserving any natural features to address and minimize volume and velocity of storm water flow to the maximum extent practicable.

Over the coming years, Morton Grove plans to continue to maintain and improve activities related to the Post-Construction Runoff Control

Measurable Goals (include shared responsibilities)

☐ E.1 Community Control Strategy

☒ E.2 Regulatory Control Program

Brief Description of BMP

Regulated construction sites are required to have post-construction management plans that meet or exceed the requirements of Part IV.D.2.h of the ILR10 including management practices, controls and other provisions at least as protective as the requirements contained in the Illinois Urban Manual. Sites must strive to mitigate stormwater impacts by using practices that treat, store, and infiltrate runoff on-site prior to discharging to waterways.

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, likely to be obtained through GSI practices.

MWRD technical standards and regulations will be incorporated into detention facility requirements.

Measurable Goals, including frequencies

Review Village Codes annually to ensure these are current with regard to other regulatory agencies' stormwater management strategies for controlling runoff and minimizing the increase in volumes and rates.

Milestones

Year 1: Continue to review / enforce management practices & controls developed for minimizing volume and velocity of storm water flow to the MEP.

Year 2: Continue to review / enforce management practices & controls developed for minimizing volume and velocity of storm water flow to the MEP.

Year 3: Continue to review / enforce management practices & controls developed for minimizing volume and velocity of storm water flow to the MEP.

Year 4: Continue to review / enforce management practices & controls developed for minimizing volume and velocity of storm water flow to the MEP.

Year 5: Continue to review / enforce management practices & controls developed for minimizing volume and velocity of storm water flow to the MEP.

Additional Info

BMP Number: _____

☒ E.3 Long Term O & M Procedures

Brief Description of BMP

The Village continues to review post development plans to ensure adequate long term operation and 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 which incorporate GSI. Long Term Operation, Maintenance and sustainability are required for locations with areas that have systems requiring continual maintenance and inspections. As the local government authority, according to WMO Article 9, Morton Grove has the ultimate responsibility for confirming the completion of inspections to ensure runoff storage and other storm water facilities function as designed, in perpetuity.

Measurable Goals, including frequencies

In order to help save urban infrastructure, long term maintenance plans of each facility to control, reduce and re-use on site must be approved prior to permit issuance during pre construction phase. If an operator is found to have inadequate maintenance, notification is presented and a schedule to comply is created.

Milestones

- Year 1: Continue review of pre and post development plan during the design, construction and long term maintenance of the facility.
- Year 2: Continue review of pre and post development plan during the design, construction and long term maintenance of the facility.
- Year 3: Continue review of pre and post development plan during the design, construction and long term maintenance of the facility.
- Year 4: Continue review of pre and post development plan during the design, construction and long term maintenance of the facility.
- Year 5: Continue review of pre and post development plan during the design, construction and long term maintenance of the facility.

Additional Info

BMP Number: _____

☒ E.4 Pre-Construction Review of BMP Designs

Brief Description of BMP

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. Structural and/or non-structural BMPs to be identified, reviewed and approved for inclusion into the development design.

Measurable Goals, including frequencies

Site plan reviews confirm that qualifying developments have strategies and plans to incorporate stormwater infiltration, reuse and evapotranspiration of stormwater into the project to the MEP.

Milestones

- Year 1: Continue site plan reviews of development plans for post construction long term maintenance plans.
- Year 2: Continue site plan reviews of development plans for post construction long term maintenance plans.
- Year 3: Continue site plan reviews of development plans for post construction long term maintenance plans.
- Year 4: Continue site plan reviews of development plans for post construction long term maintenance plans.
- Year 5: Continue site plan reviews of development plans for post construction long term maintenance plans.

Additional Info

BMP Number: _____

☒ E.5 Site Inspections During Construction

Brief Description of BMP

Developments and re-development projects are responsible to be in compliance with all regulatory controls, particularly regarding the protection of waterways and preventing the discharge of pollutants to the MEP. Inspectors will review the site at any stage in the construction process.

Measurable Goals, including frequencies

Inspector will conduct site inspections beginning upon completion of erosion and sediment control measures to be installed.

Milestones

Year 1: Inspect development sites. Track failed inspections and follow up corrective actions.

Year 2: Inspect development sites. Track failed inspections and follow up corrective actions.

Year 3: Inspect development sites. Track failed inspections and follow up corrective actions.

Year 4: Inspect development sites. Track failed inspections and follow up corrective actions.

Year 5: Inspect development sites. Track failed inspections and follow up corrective actions.

Additional Info

BMP Number: _____

☒ E.6 Post-Construction Inspections

Brief Description of BMP

Final inspections are performed by the Building Department at the final stabilization phase.

Measurable Goals, including frequencies

Inspections commence after final stabilization and landscaping, prior to removal of sediment controls. Proper overland flow and detention facility maintenance is inspected and confirmed.

Milestones

Year 1: Inspect final stages of development sites and confirm compliance with approved project design plans.

Year 2: Inspect final stages of development sites and confirm compliance with approved project design plans.

Year 3: Inspect final stages of development sites and confirm compliance with approved project design plans.

Year 4: Inspect final stages of development sites and confirm compliance with approved project design plans.

Year 5: Inspect final stages of development sites and confirm compliance with approved project design plans.

Additional Info

BMP Number: _____

☐ E.7 Other Post-Construction Runoff Controls

F. Pollution Prevention/Good Housekeeping

Approximate date first implemented: March 2003

Frequency of each BMP program: Annually

Qualifying Local Programs

Currently, there are no Qualifying Local Programs with which The Village of Morton Grove shares responsibilities.

In accordance with the permit, Morton Grove has developed and implemented a Pollution Prevention/Good Housekeeping program to reduce the amount of pollution generated by municipal activities and operations. The program includes: an employee training program; an inspection and maintenance program that incorporates pollution prevention and good housekeeping practices into day-to-day activities and operations; stormwater pollution control and non-stormwater discharge control procedures; waste management and disposal procedures; and, spill prevention, control, and cleanup procedures. Over the coming years, The Village plans to continue to perform a variety of activities related to the Pollution Prevention/Good Housekeeping :

☒ F.1 Employee Training Program

Brief Description of BMP

Morton Grove Public Works implements an operation and maintenance program including training designed to prevent and reduce the discharge of pollutants from MG operations and properties to the maximum extent practicable. Appropriate training is provided to employees by video presentation and department specific handouts. Other avenues of training opportunities are made available as well, such as webinars or conferences which discuss BMPs resulting in load reduction and minimizing the volume of stormwater runoff and subsequent pollution. In addition to attending presentations through various agencies discussing the use of deicing materials while safeguarding the environment, each year a sampling of our deicer/plow drivers undergo training at Northeastern Illinois Public Safety Training Academy (NIPSTA).

Measurable Goals, including frequencies

At least once per year, training to all Public Works staff is provided through a video presentation(s). Distribution of articles, integrated from numerous agencies, are supplied to target divisions of PW, on-line webinar opportunities are offered, and workplace postings are furnished. The Building Maintenance and Safety Division provides semiannual training presentations which cover topics from personal protective equipment uses to chemical spill and response techniques.

Milestones

- | | |
|---------|---|
| Year 1: | 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 as well. |
| Year 2: | 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 training. |
| Year 3: | 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 training. |
| Year 4: | 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 training. |
| Year 5: | 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 training. |

Measurable Goals (include shared responsibilities)

Additional Info

BMP Number: _____

☒ F.2 Inspection and Maintenance Program

Brief Description of BMP

Public Works Department is in charge of the maintenance and cleanup of Morton Grove properties as well as all right-of-way areas in the Village. Throughout the monitoring and cleanup of our properties, public areas and outfalls, street maintenance is performed as well. Review/develop/revise procedures and design plans that will reduce or eliminate the discharge of pollutants from village owned facilities.

Measurable Goals, including frequencies

The grounds of the Public Works Facility is inspected on a weekly basis. Periodic inspections are made during and following large storm events to verify the working condition of storm sewer inlets and detention/retention basins. Curb drains are cleaned, repaired and or replaced. Rodding is completed on storm sewers per PW annual schedule.

Milestones

Year 1: 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.

Year 2: 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.

Year 3: 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.

Year 4: 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.

Year 5: 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.

Additional Info

BMP Number: _____

☒ F.3 Municipal Operations Storm Water Control

Brief Description of BMP

Current municipal activities that can contribute to the discharge of pollutants to the storm sewer system, include fleet maintenance and vehicle calibration, street sweeping and maintenance, landscape maintenance, litter control, sanitary sewer maintenance and deicing activities. The Water/Sewer Division is responsible for the operation and maintenance of the Village owned water and sewer systems as well as the on-site maintenance of our PW yard.

The sewer system consists of 40.6 miles of sanitary sewer, 21.13 miles of combined sewer, and 44.8 miles of storm sewer. Just a few of our maintenance operations consist of catch basin cleaning, sewer rodding and cleaning, sewer repair, and basin protection, installation and repair.

On-site maintenance of our yard includes inspection, clean-out, and replacement of filter baskets and/or inlet protectors, sediment clean up and daily attention made to fueling area.

Goals will be adjusted as needed with regard to budget or for occurrences throughout the year within each Public Works Division: Fleet, Street, Tree, Water, Sewer, and Engineering.

Measurable Goals, including frequencies

Yard maintenance occurs as often as needed but at a minimum, on a weekly basis. The clean-out area for our vector will be maintained on a daily basis. The Public Works yard maintains a triple basin system which minimizes the discharge of any pollutants. This system is cleaned out bi-annually or as needed by the Water Department. Area improvements in the PW yard will continue to be performed to ensure minimal debris or any potential for leaks, to the maximum extent practicable.

Due to deicing activities performed, MG participates in watershed groups such as Northwest Municipal Conference Watershed Planning Council and the Technical Advisory Council to the MWRD. Deicing equipment calibrated annually. Deicing material is stored in a covered dome and liquids are stored with secondary containment measures. Tree planting in village parkways annually, assisting in the reduction of soil erosion, increase interception of rainfall, & improve soils while increasing the Village Canopy.

Milestones

Year 1: 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.

Year 2: 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. On average, 100 trees to be planted. Deicing vehicles calibrated.

Year 3: 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. On average, 100 trees to be planted. Deicing vehicles calibrated.

Year 4: 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. On average, 100 trees to be planted. Deicing vehicles calibrated.

Year 5: 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. On average, 100 trees to be planted. Deicing vehicles calibrated.

Additional Info

BMP Number: _____

- ☐ F.4 Municipal Operations Waste Disposal
- ☐ F.5 Flood Management/Assess Guidelines
- ☒ F.6 Other Municipal Operations Controls

Brief Description of BMP

Morton Grove continues allocating funds for their Stormwater facilities and related property improvements and projects. The Engineering Division 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.

Weather station equipment is monitored, allowing detailed rain, snow and general weather data to be utilized for many project / task planning and scheduling.

Measurable Goals, including frequencies

Engineering studies are performed related to the Village streets, sewers, water main infrastructure, performing site inspections to verify code compliance, and advancing and maintaining the Village's Geographic Information System (GIS). Replacement of any damaged sewer covers. Aggressive street sweeping of all Village streets daily, per a weekly area schedule.

Milestones

Year 1: Document municipal maintenance operations and improvements. Update GIS. Street sweeping.

Year 2: Document municipal maintenance operations and improvements. Update GIS. Street sweeping.

Year 3: Document municipal maintenance operations and improvements. Update GIS. Street sweeping.

Year 4: Document municipal maintenance operations and improvements. Update GIS. Street sweeping.

Year 5: Document municipal maintenance operations and improvements. Update GIS. Street sweeping.

Additional Info

BMP Number: _____

BMPs Currently Implemented and Proposed

BMP Number	Location
F.3	Village and State roads within Morton Grove
F.6	Public Works Yard

Approximate Pollutant Reduction Resulting from each BMP

BMP Number	Pollutant	Reduction
F.3	Deicing material, mechanical fluids and sand	MEP
F.6	Salt and Calcium Chloride for deicing	MEP

Instream Monitoring Program

Is there an instream monitoring program currently in place? ☒ Yes ☐ No

Is an instream monitoring program currently being proposed? ☐ Yes ☒ No

If Yes, which parameters are monitored and at what frequency?

Parameter	Frequency
See North Branch Watershed Workshop Program	4-6 times per year

Sediment Monitoring

Is sediment monitoring currently taking place? ☒ Yes ☐ No

If Yes, please describe the sediment sampling program.

See North Branch Watershed Workshop Program

Sample Monitoring of Outfalls

Is sample monitoring of outfalls currently taking place? ☐ Yes ☒ No

Other Monitoring

Describe other types of monitoring implemented or proposed to evaluate the BMP effectiveness or water quality impact of stormwater.

Visual water sampling to be implemented twice per year.

Part III. Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for knowingly submitting false information, including the possibility of fines and imprisonment.

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony (415 ILCS 5/44 (h)).

Joe Dahm

Director of Morton Grove Public Works

Authorized Representative Name

Title

Authorized Representative Signature

Date

You may complete this form online and save a copy locally before printing and signing the form. It should then be sent to:

Illinois Environmental Protection Agency
Bureau of Water
Division of Water Pollution Control
Attn: Permit Section
P.O. Box 19276
1021 North Grand Avenue East
Springfield, IL 62794-9276

Information required by this form must be provided to comply with 415 ILCS 5/39 (2000). Failure to do so may prevent this form from being processed and could result in your application being denied.