



Illinois Environmental Protection Agency

1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276 • (217) 782-3397

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 Wilmette MS4 #: ILR400473
Population (based on 2010 census): 14,280 (estimated)
2. MS4 Mailing Address: 1200 Wilmette Avenue City: Wilmette, IL Zip: 60091
3. Primary MS4 Contact Person (Authorized Representative for MS4 Permit)
Name: Brigitte Berger-Raish Title: Director of Engineering & Public Works
Phone: 847-853-7627 Email Address: bergerb@wilmette.com

General Information

4. Latitude and Longitude at approximate geographical center of MS4 for which you are requesting authorization to discharge:
Latitude: 42 04 44 Longitude: 87 43 20
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 |
|--------------|-----------|--------|
| Wilmette | New Trier | Cook |
7. Area of land within your MS4 in square miles: 3.18
8. Percent of MS4 served by combined sewer: 0% Percent of MS4 served by separate sewer: 100%

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? |
|---|---|
| Middle Fork North Branch of Chicago River | <input checked="" type="radio"/> Yes <input type="radio"/> No |
| North Shore Channel | <input checked="" type="radio"/> Yes <input type="radio"/> No |
| Skokie River | <input checked="" type="radio"/> Yes <input type="radio"/> No |

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

Causes: See Attachment A

Source: See Attachment B

- 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?

The Village of Wilmette is a member of the North Branch Watershed Workgroup (NBWW). The NBWW completes water quality monitoring for the Village of Wilmette and other members. The NBWW's Bioassessment 2-year Monitoring Strategy (Illinois EPA Approved April 2019) can be found here: https://www.nbwwil.org/wp-content/uploads/2019/04/NBCR-Watershed-Monitoring-Strategy_FINAL.pdf. The NBWW also recently selected a consultant to complete a Preliminary Nutrient Assessment Reduction Plan (NARP) Workplan by December 31, 2021 and a NARP by December 31, 2024. The purpose of the NARP is to identify phosphorus input reductions from point sources, non-point sources

and other measures needed in the North Branch Chicago River watershed to help ensure that dissolved oxygen and offensive aquatic algae and aquatic plant criteria are met.

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: Kate Amoruso Title: Assistant to the Director

Phone: 847-853-7588 Email: amorusok@wilmette.com

Area of Responsibility: Preparation of Annual Report.

Name: Matt Overeem Title: Water/Sewer Superintendent

Phone: 847-853-7582 Email: overeemm@wilmette.com

Area of Responsibility: Inspections and maintenance of the storm sewer system.

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: 2008 Frequency of each BMP program: Once annually at minimum

Qualifying Local Programs

The Metropolitan Water Reclamation District of Greater Chicago website has information designed to educate the public on stormwater and pollution issues. The Go Green Wilmette organization also has a strong public education and outreach program within the Village. The Village will continue to support these organizations.

☒ A.1 Distributed Paper Material

Brief Description of BMP

The Water/Sewer Division of the Engineering & Public Works Department periodically publishes stormwater educational articles in the resident newsletter. Updated information is also maintained on the Village website. The articles will have tips for homeowners and businesses to take in order to reduce the number of pollutants that are discharged into our waterways.

Measurable Goals, including frequencies

Publish articles in the quarterly resident newsletter, The Communicator, and maintain updated information on the website.

Milestones

Year 1: Maintain current program.

Year 2: Maintain current program.

Year 3: Maintain current program.

Year 4: Maintain current program.

Year 5: Maintain current program.

Additional Info

BMP Number: A.1

Brief Description of BMP: The Finance Department inserts stormwater protection guidelines into the contractor and business license renewal application forms, which are mailed at least thirty days prior to the end of each calendar year, per Village Code. The inserts provide tips on ways to reduce stormwater pollution.

Measurable Goal(s), including frequencies: Continue to mail guides to contractors and business owners annually, or as needed.

BMP Number: A.1

Brief Description of BMP: The Forestry Division of Public Works educates stakeholders about the Village's Tree Protection and Tree Canopy Ordinances through the grading permit process. Residents are provided with information about the pruning, removal, planting, disease control and care for sick and damaged trees on public property. Continue to offer the Cooperative Tree Planting program for residents (budget dependent).

Measurable Goal(s), including frequencies: Maintain the Village Code and tree inspection program on the website (updated as needed), and provide educational information to residents and/or contractors during the grading permit process.

Measurable Goals (include shared responsibilities)

BMP Number: A.1

Brief Description of BMP: The Village Manager's Office provides a New Resident Handbook and Citizen Contact/Service Request Information. The Resident Handbook contains information regarding the Solid Waste Program, permits, tree planting, and includes contact information for each department. The Village's website contains the electronic version of the Resident Handbook, stormwater management information, and an electronic "Service Request" option.

Measurable Goal(s), including frequencies: The Village Manager's Office will review the Resident Handbook at least once annually and update as needed. The Finance Department will distribute the updated Resident Handbooks and refer residents to the Village's website.

☐ A.2 Speaking Engagement

☒ A.3 Public Service Announcement

Brief Description of BMP

Solid and Hazardous Waste Program – The Deputy Director of Public Works and Assistant to the Director of Engineering & Public Works have prepared a brochure highlighting the various refuse, recycling and yard waste programs in the area. Chapter 22 (formerly Chapter 7) of the Village Code addresses the collection of refuse, recycling and yard waste. The Village is a member of the Solid Waste Agency of Northern Cook County (SWANCC), a nonprofit intergovernmental agency that provides solid waste management services, programs and resource materials to its member communities. The Village takes advantage of SWANCC services to coordinate and publicize such events, including solid waste and hazardous waste. The Village announces these public service programs to residents through the Village newsletter, website, E-news and brochures.

Measurable Goals, including frequencies

Communicate information to residents via the quarterly Village Newsletter, The Communicator, website, CTV6, weekly E-news, New Resident Handbook, and/or brochures.

Milestones

Year 1: Maintain current program.

Year 2: Maintain current program.

Year 3: Maintain current program.

Year 4: Maintain current program.

Year 5: Maintain current program.

Additional Info

BMP Number: A.3

Brief Description of BMP: Rain Barrel Program – The Village promotes the Metropolitan Water Reclamation District (MWRD) rain barrel program, which offers Cook County residents discounted rates on rain barrels.

Measurable Goal(s), including frequencies: Continue to promote the MWRD's rain barrel program to residents.

☒ A.4 Community Event

Brief Description of BMP

The Village of Wilmette co-sponsors the annual Go Green Wilmette environmental fair called "Going Green Matters", which is held each March.

Measurable Goals, including frequencies

Continue to sponsor and facilitate the Going Green Matters event each year.

Milestones

Year 1: Maintain current program.

Year 2: Maintain current program.

Year 3: Maintain current program.

Year 4: Maintain current program.

Year 5: Maintain current program.

Additional Info

BMP Number: A.4

Brief Description of BMP: The Village co-sponsors an annual Document Destruction event and hosts an annual drop-off for holiday light recycling. The Village publicizes these programs and events in the resident newsletter, website, e-news, and/or cable TV to increase participation in these recycling programs.

Measurable Goal(s), including frequencies: Continue to publicize and facilitate recycling events each year.

☒ A.5 Classroom Education Material

Brief Description of BMP

Fire Department Handouts on Safety and Environmental Issues – The Fire Department educates grammar and middle school students on the importance of fire safety and environmental issues with handout pamphlets. Educating children at school is an effective way to pass environmental awareness to their parents and throughout the entire community.

Measurable Goals, including frequencies

Hand out pamphlets once a year to students.

Milestones

Year 1: Maintain current program.

Year 2: Maintain current program.

Year 3: Maintain current program.

Year 4: Maintain current program.

Year 5: Maintain current program.

Additional Info

BMP Number: _____

☒ A.6 Other Public Education

Brief Description of BMP

Notification of Pet Waste Management Ordinance. The Village notifies residents/pet owners through various means including articles in its quarterly newsletter, website, and brochures. The Code Enforcement Officers in the Community Development Department enforce the Ordinance.

Measurable Goals, including frequencies

Continue existing information campaign and Code Enforcement.

Milestones

Year 1: Maintain current program.

Year 2: Maintain current program.

Year 3: Maintain current program.

Year 4: Maintain current program.

Year 5: Maintain current program.

Additional Info

BMP Number: _____

B. Public Participation/Involvement

Approximate date first implemented: 2008 Frequency of each BMP program: Once annually at minimum

Qualifying Local Programs

The Go Green Wilmette organization has a strong public participation and involvement role within the Village for hosting programs and events, project initiation and educational outreach. The Village will continue to support this organization. The Village is also actively involved in the Chicago Area Waterways Chloride Initiative Work Group, which is seeking to reduce chlorides within the Chicago Area Waterways System (CAWS).

Measurable Goals (include shared responsibilities)

☒ B.2 Educational Volunteer

Brief Description of BMP

Educate children on stormwater pollution prevention – The Water/Sewer Division of Public Works teaches school children about the importance of stormwater pollution prevention to build environmental awareness and interest.

Measurable Goals, including frequencies

Speak to schoolchildren once a year.

Milestones

Year 1: Maintain current program.

Year 2: Maintain current program.

Year 3: Maintain current program.

Year 4: Maintain current program.

Year 5: Maintain current program.

Additional Info

BMP Number: _____

☒ B.3 Stakeholder Meeting

Brief Description of BMP

The Village is an active member of the North Branch Chicago River Watershed Planning Council and the North Branch Chicago River Watershed Workgroup and regularly attends meetings for both organizations.

Measurable Goals, including frequencies

Attend regularly scheduled meetings each year.

Milestones

Year 1: Maintain current program.

Year 2: Maintain current program.

Year 3: Maintain current program.

Year 4: Maintain current program.

Year 5: Maintain current program.

Additional Info

BMP Number: _____

☒ **B.4 Public Hearing**

Brief Description of BMP

Municipal Services Committee Meeting – The Village hosts multiple Municipal Services Committee (MSC) meetings throughout the year where topics related to stormwater are discussed. Residents may provide remarks during the Public Comment portion of the meeting. The meeting agendas and minutes are posted on the Village website prior to the meeting in accordance with the Open Meetings Act.

Measurable Goals, including frequencies

Attend regularly scheduled meetings each year.

Milestones

Year 1: Maintain current program.

Year 2: Maintain current program.

Year 3: Maintain current program.

Year 4: Maintain current program.

Year 5: Maintain current program.

Additional Info

BMP Number: _____

☐ **B.5 Volunteer Monitoring**

☒ **B.6. Program Involvement**

Brief Description of BMP

The Village is a founding member of the North Branch Chicago River Watershed Workgroup (NBWW), which is a dues-paying organization with a mission to bring together a diverse coalition of stakeholders to work to improve water quality in the North Branch of the Chicago River watershed through monitoring, education and outreach. The NBWW is working towards developing a list of high-priority watershed improvement projects based on the action plan recommendations from the North Branch Chicago River Watershed-Based Plan.

Measurable Goals, including frequencies

Continue to attend regularly scheduled meetings and provide support for watershed improvement projects in the North Branch of the Chicago River watershed.

Milestones

Year 1: Maintain current program.

Year 2: Maintain current program.

Year 3: Maintain current program.

Year 4: Maintain current program.

Year 5: Maintain current program.

Additional Info

BMP Number: _____

☒ **B.7 Other Public Involvement**

Brief Description of BMP

Citizen Request Management – The Village has implemented the Tyler Incident Management module of its existing Munis enterprise package, which gives the Village its first true Citizen Request Management (CRM) capability. This has enabled the Village to assign specific case identification numbers to citizen requests for services, enabling citizens to get timely and specific information on the status of their requests and enabling management to track response performance in a meaningful and actionable manner. When fully integrated with GIS, it will also provide the Village with an important tool to map and determine patterns of service needs. An application is also being developed for smart phones.

Measurable Goals, including frequencies

Continue to use CRM to track stormwater complaints.

Milestones

Year 1: Maintain current program.

Year 2: Maintain current program.

Year 3: Maintain current program.

Year 4: Maintain current program.

Year 5: Maintain current program.

Additional Info

BMP Number: _____

C. Illicit Discharge Detection and Elimination

Approximate date first implemented: 2008

Frequency of each BMP program: Once annually at minimum

Qualifying Local Programs

The MWRDGC has illicit discharge programs and regulations that the Village will continue to support.

Measurable Goals (include shared responsibilities)

☒ C.1 Sewer Map Preparation

Brief Description of BMP

Storm Sewer System Map – The Engineering & Public Works Department will update the storm sewer map as needed, and continue to input storm sewer system data into Wilmette's GIS database. Employees will use the GIS maps to inspect, clean and maintain structures. The outfall locations have been plotted in GIS, and inspection records will be maintained in the GIS database.

Measurable Goals, including frequencies

Update storm sewer maps as needed, continue to input storm sewer system data into Wilmette's GIS database, and track maintenance and inspections electronically using GIS.

Milestones

Year 1: Maintain current program.

Year 2: Maintain current program.

Year 3: Maintain current program.

Year 4: Maintain current program.

Year 5: Maintain current program.

Additional Info

BMP Number: _____

☒ C.2 Regulatory Control Program

Brief Description of BMP

Illicit Connection Ordinance – The Village enforces the Cross-Connection Control Ordinance which prohibits discharge of pollutants to stormwater drainage systems.

Measurable Goals, including frequencies

Continue to Enforce the Illicit Connection Ordinance by reviewing plans and performing required field inspections whenever a connection to the Village sewer system is requested.

Milestones

Year 1: Maintain current program.

Year 2: Maintain current program.

Year 3: Maintain current program.

Year 4: Maintain current program.

Year 5: Maintain current program.

Additional Info

BMP Number: _____

☐ C.3 Detection/Elimination Prioritization Plan

☒ C.4 Illicit Discharge Tracing Procedures

Brief Description of BMP

Illicit Discharge Detection & Enforcement Program – The Village annually inspects 10% of the storm sewer system and conducts dye testing to verify proper connections to Village sewers. The Village inspects sewer systems as part of resurfacing program. The Village also inspects new construction sites to ensure that no illicit connections are made during new service installations.

Measurable Goals, including frequencies

Annually inspect 10% of separate storm sewers and conduct dye testing as needed. Continue inspection program for new construction sites.

Milestones

Year 1: Maintain current program.

Year 2: Maintain current program.

Year 3: Maintain current program.

Year 4: Maintain current program.

Year 5: Maintain current program.

Additional Info

BMP Number: C.4

Brief Description of BMP: Illicit Discharge Detection & Enforcement Program – The Village inspects for compliance from commercial and industrial facilities with NPDES permits while enforcing the Cross-Connection Control Ordinance.

Measurable Goal(s), including frequencies: Continue to ensure that new commercial and industrial developments are in compliance of their NPDES permits and the Cross-Connection Control Ordinance.

BMP Number: C.4

Brief Description of BMP: Hazardous Materials Response Team – The Fire Department has a fully trained and equipped team to respond to spills. The Fire Department also inspects commercial establishments where hazardous materials are used or stored.

Measurable Goal(s), including frequencies: Maintain current inspection program for commercial and multifamily occupancies and hazardous materials response program.

☒ C.5 Illicit Source Removal Procedures

Brief Description of BMP

Illicit Connection Removal Program – The Water/Sewer Division coordinates with the Engineering Department to help

identify illicit connections during the street resurfacing program. The Community Development Department is responsible for enforcing the Village Code, and for ensuring that homeowners correct the illicit connection.

Measurable Goals, including frequencies

Continue annual inspection program and enforce that homeowners correct illicit connections when identified.

Milestones

Year 1: Maintain current program.

Year 2: Maintain current program.

Year 3: Maintain current program.

Year 4: Maintain current program.

Year 5: Maintain current program.

Additional Info

BMP Number: C.5

Brief Description of BMP: Hazardous Materials Cleanup Program – The Fire Department arranges for the cleanup of materials or spills through the responsible party or the IEPA.

Measurable Goal(s), including frequencies: Ensure the proper cleanup of hazardous materials and secure the incident scene for public safety measures.

☒ **C.6 Program Evaluation and Assessment**

Brief Description of BMP

The Village will assess its chloride reduction BMPs with respect to compliance with Total Maximum Daily Load (TMDL) and/or Watershed Plans.

Measurable Goals, including frequencies

Assess BMPs annually.

Milestones

Year 1: Maintain current program.

Year 2: Maintain current program.

Year 3: Maintain current program.

Year 4: Maintain current program.

Year 5: Maintain current program.

Additional Info

BMP Number: _____

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

Brief Description of BMP

The Village will perform annual dry weather screening of its storm sewer outfalls.

Measurable Goals, including frequencies

Visually inspect outfalls during dry weather once a year.

Milestones

Year 1: Maintain current program.

Year 2: Maintain current program.

Year 3: Maintain current program.

Year 4: Maintain current program.

Year 5: Maintain current program.

Additional Info

BMP Number: _____

☐ C.8 Pollutant Field Testing

☒ C.9 Public Notification

Brief Description of BMP

Illicit Discharge Hotline – The Illicit Discharge Hotline is 911. Chapter 22 (formerly Chapter 7) of the Village Code addresses illegal dumping and trash management activities. The Fire Department is the first responder followed by Code Enforcement from Community Development. Using the Illicit Discharge Hotline will offset inspection costs, and reduce illegal discharges and dumping through public education. Information will be maintained on the Village's website, and disseminated via Village Newsletter and Cable TV.

Measurable Goals, including frequencies

Continue current program.

Milestones

Year 1: Maintain current program.

Year 2: Maintain current program.

Year 3: Maintain current program.

Year 4: Maintain current program.

Year 5: Maintain current program.

Additional Info

BMP Number: C.9

Brief Description of BMP: Mutual Aid Box Alarm System (MABAS) – The Village is part of a multiple community sophisticated response system. This system provides back-up emergency support from surrounding communities if needed.

Measurable Goal(s), including frequencies: Continue participation in MABAS program.

☒ C.10 Other Illicit Discharge Controls

Brief Description of BMP

The Village storm sewer system discharges into the Skokie River (HCCD-09), the North Branch of the Chicago River (HCC-04) and the North Shore Channel (HCCA-02). According to the 2016 303d report, the Skokie River is impaired due to Fecal Coliform, sedimentation, Phosphorus, Dissolved Oxygen, Chloride, Chlordane and Bottom Deposits. The North Branch of the Chicago River is impaired due to Barium, Cadmium, Chromium, Copper, DDT, Endrin, Hexachlorobenzene, Lead, Mercury, Nickel, Phosphorus, Sedimentation, Silver, Total Suspended Solids, Chloride, Fecal Coliform, Dissolved Oxygen and Temperature. The North Shore Channel is impaired due to Fecal Coliform, Mercury, Dissolved Oxygen, pH, Phosphorus and Polychlorinated biphenyls. The North Branch Chicago River Watershed Total Maximum Daily Load (TMDL) Report for fecal coliform, chloride, and total phosphorus was approved by the U.S. Environmental Protection Agency on April 13, 2020.

Measurable Goals, including frequencies

Continue to participate in and support the North Branch Chicago River Watershed Workgroup (NBWW), which is working towards developing a list of high-priority watershed improvement projects based on the action plan recommendations from the North Branch Chicago River Watershed-Based Plan.

Milestones

Year 1: Maintain current program.

Year 2: Maintain current program.

Year 3: Maintain current program.

Year 4: Maintain current program.

Year 5: Maintain current program.

Additional Info

BMP Number: _____

D. Construction Site Runoff Control

Approximate date first implemented: 2008 Frequency of each BMP program: Once annually at minimum

Qualifying Local Programs

The Village is an authorized community with respect to the Cook County Watershed Management Ordinance and issues Watershed Management Permits for developments within the separate storm sewer areas of the Village.

☒ D.1 Regulatory Control Program

Brief Description of BMP

Construction Site Stormwater Runoff Controls – The Village's Grading Ordinance and Watershed Management Ordinance provide measures for compliance of construction sites. Both ordinances require the submission of a separate stormwater management plan (SWMP) with soil erosion and sediment controls prior to the approval of a construction permit.

Measurable Goals, including frequencies

Continue to review plans and perform inspections on new residential and commercial building projects to enforce compliance of the Grading Ordinance and Watershed Management Ordinance.

Milestones

Year 1: Maintain current program.

Measurable Goals (include shared responsibilities)

Year 2:	Maintain current program.
Year 3:	Maintain current program.
Year 4:	Maintain current program.
Year 5:	Maintain current program.

Additional Info

BMP Number: D.1

Brief Description of BMP: During the building permit process, the Engineering Department provides educational material to stakeholders, developers, and contractors regarding the requirements and importance of stormwater controls during construction.

Measurable Goal(s), including frequencies: Provide guidance material to stakeholders, developers, and contractors during the building permit process, either in person or via the Village website.

☒ D.2 Erosion and Sediment Control BMPs

Brief Description of BMP

Construction Site Stormwater Runoff Controls – The Village's Grading Ordinance and Watershed Management Ordinance provide measures for compliance of construction sites. Both require a stormwater management plan with soil erosion and sediment controls prior to the approval of a construction permit. The Village provides education to stakeholders, developers and contractors on the requirements and importance of stormwater controls during construction.

Measurable Goals, including frequencies

Continue to enforce the Grading Ordinance and Watershed Management Ordinance during construction.

Milestones

Year 1:	Maintain current program.
Year 2:	Maintain current program.
Year 3:	Maintain current program.
Year 4:	Maintain current program.
Year 5:	Maintain current program.

Additional Info

BMP Number: _____

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☒ D.3 Other Waste Control Program

Brief Description of BMP

Illegal Dumping and Trash Management – During site inspections, the inspector addresses any illegal dumping and trash management issues at the site. Any problems are noted and re-inspected as necessary.

Measurable Goals, including frequencies

Maintain current inspection program and address violations as necessary.

Milestones

Year 1: Maintain current program.

Year 2: Maintain current program.

Year 3: Maintain current program.

Year 4: Maintain current program.

Year 5: Maintain current program.

Additional Info

BMP Number: _____

☒ D.4 Site Plan Review Procedures

Brief Description of BMP

Construction Site Stormwater Runoff Controls – The Grading Ordinance and Watershed Management Ordinance provides measures for compliance of construction sites. Both require a stormwater management plan with soil erosion and sediment controls prior to the approval of a construction permit. Plan reviews are completed by the Engineering Department. This also includes reviews of plans from other government agencies when connections to the Village sewer system is requested to verify no cross-connections.

Measurable Goals, including frequencies

Continue to enforce of the Grading Ordinance and Watershed Management Ordinance during the plan review process, and suggest BMPs on a permit by permit basis.

Milestones

Year 1: Maintain current program.

Year 2: Maintain current program.

Year 3: Maintain current program.

Year 4: Maintain current program.

Year 5: Maintain current program.

Additional Info

BMP Number: _____

☒ D.5 Public Information Handling Procedures

Brief Description of BMP

Stakeholder Comments on Permits – The Engineering Department staff conducts professional reviews and incorporates pertinent comments received from stakeholders as appropriate. Stakeholder comments are solicited via a grading notice which is part of the grading permit process. Any comments during meetings of the Zoning Board of Appeals, Plan Commission, Appearance Review Commission and/or Village Board may be incorporated to strengthen the Village review process.

Measurable Goals, including frequencies

The Village will continue to accept stakeholder comments on all permits and incorporate BMPs to address them where applicable.

Milestones

- Year 1: Maintain current program.
- Year 2: Maintain current program.
- Year 3: Maintain current program.
- Year 4: Maintain current program.
- Year 5: Maintain current program.

Additional Info

BMP Number: _____

☒ D.6 Site Inspection/Enforcement Procedures

Brief Description of BMP

Building and Site Grading Inspections – Grading and building inspections are performed by Village staff, professional engineers or state certified plumbing inspectors as necessary and completed before, during and after construction. The inspections verify proper BMPs are installed during the construction process and is being performed in accordance with plumbing standards (i.e. no cross-connections).

Measurable Goals, including frequencies

Continue to inspect all construction sites.

Milestones

- Year 1: Maintain current program.
- Year 2: Maintain current program.
- Year 3: Maintain current program.
- Year 4: Maintain current program.
- Year 5: Maintain current program.

Additional Info

BMP Number: _____

☐ D.7 Other Construction Site Runoff Controls

E. Post-Construction Runoff Control

Approximate date first implemented: 2008

Frequency of each BMP program: Once annually at minimum

Qualifying Local Programs

The Village is an authorized community with respect to the Cook County Watershed Management Ordinance and issues Watershed Management Permits for developments within the separate storm sewer areas of the Village. The Technical Guidance Manual associated with the Watershed Management Ordinance (WMO) has technical information on a wide variety of BMPs that can be incorporated into site design.

Measurable Goals (include shared responsibilities)

☒ E.1 Community Control Strategy

Brief Description of BMP

Tree Preservation Ordinance – During the post-construction phase, continue to enforce the Tree Protection and Tree Canopy Preservation Ordinances. Trees intercept water and reduce storm runoff and the possibility of flooding.

Measurable Goals, including frequencies

Continue to enforce the Tree Protection and Tree Canopy Preservation Ordinances during the permit review process and throughout construction.

Milestones

Year 1: Maintain current program.

Year 2: Maintain current program.

Year 3: Maintain current program.

Year 4: Maintain current program.

Year 5: Maintain current program.

Additional Info

BMP Number: E.1

Brief Description of BMP: Technical Guidance and Education of Stakeholders – The Village was an active participant in the development of the Technical Guidance Manual for the Watershed Management Ordinance (WMO) and provides information to stakeholders, developers and contractors on new regulations and procedures when they apply for a permit. The information is available on the Village website and at the Village Hall as a pamphlet.

Measurable Goal(s), including frequencies: Provide instructions to stakeholders, developers, engineers and contractors on new regulations and procedures required by the WMO and Village regulations via pamphlets and the Village website

BMP Number: E.1

Brief Description of BMP: Coal Tar Sealant Ban – The Village prohibits the sale and use of coal tar sealants to seal cracks in pavement. Coal tar sealants contain toxic chemicals and carcinogens that have the potential to enter our waterways via stormwater runoff.

Measurable Goal(s), including frequencies: Continue to enforce the Coal Tar Sealant Ban.

☒ E.2 Regulatory Control Program

Brief Description of BMP

Post-Construction Site Stormwater Runoff Controls – The Grading Ordinance and Watershed Management Ordinance provides requirements for stormwater management. Both require a stormwater management plan and BMPs. The Village provides education to stakeholders, developers and contractors on the requirements and importance of stormwater controls during construction. This also includes Chapter 8, Article XXIX (formerly Chapter 9) of the Village Code to address buffer zones next to Lake Michigan to reduce erosion and deposition into the lake.

Measurable Goals, including frequencies

Continue to review runoff controls and inspect construction sites to ensure compliance with the Grading Ordinance and Watershed Management Ordinance.

Milestones

Year 1:	Maintain current program.
Year 2:	Maintain current program.
Year 3:	Maintain current program.
Year 4:	Maintain current program.
Year 5:	Maintain current program.

Additional Info

BMP Number: _____

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☒ E.3 Long Term O & M Procedures

Brief Description of BMP

Stormwater Operation and Maintenance Requirements – The Watershed Management Ordinance provides measures requiring easements and maintenance for stormwater management systems.

Measurable Goals, including frequencies

Enforce the Watershed Management Ordinance.

Milestones

Year 1:	Maintain current program.
Year 2:	Maintain current program.
Year 3:	Maintain current program.
Year 4:	Maintain current program.
Year 5:	Maintain current program.

Additional Info

BMP Number: _____

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☒ E.4 Pre-Construction Review of BMP Designs

Brief Description of BMP

Site Development Review – The Grading Ordinance and Watershed Management Ordinance provide requirements for stormwater management. Both require a stormwater management plan and BMPs. The Village provides education to stakeholders, developers and contractors on the requirements and importance of stormwater controls required including infiltration.

Measurable Goals, including frequencies

Continue to review site development plans to ensure compliance with the Watershed Management Ordinance. Continue to provide informational pamphlets annually to licensed contractors about applicable regulations and procedures, and maintain the information on the Village's website.

Milestones

Year 1: Maintain current program.

Year 2: Maintain current program.

Year 3: Maintain current program.

Year 4: Maintain current program.

Year 5: Maintain current program.

Additional Info

BMP Number: _____

☒ E.5 Site Inspections During Construction

Brief Description of BMP

Building and Site Grading Inspections – Grading and building inspections are performed by Village staff, professional engineers or state certified plumbing inspectors as necessary and completed before, during and after construction. The inspections verify proper BMPs are installed during the construction process and that work is being performed in accordance with plumbing standards (i.e. no cross-connections). The Village uses an outside contractor to help administer proper site stormwater runoff inspections.

Measurable Goals, including frequencies

Continue construction inspections.

Milestones

Year 1: Maintain current program.

Year 2: Maintain current program.

Year 3: Maintain current program.

Year 4: Maintain current program.

Year 5: Maintain current program.

Additional Info

BMP Number: _____

☒ E.6 Post-Construction Inspections

Brief Description of BMP

Building and Site Grading Post-Construction Inspections – Grading and building inspections are performed by Village

staff, professional engineers or state certified plumbing inspectors as necessary and completed before, during and after construction. The inspections verify proper BMPs are installed during the construction process and is being performed in accordance with plumbing standards (i.e. no cross-connections). The Village uses an outside contractor to help administer proper site stormwater runoff inspections.

Measurable Goals, including frequencies

Continue post-construction inspections.

Milestones

Year 1: Maintain current program.

Year 2: Maintain current program.

Year 3: Maintain current program.

Year 4: Maintain current program.

Year 5: Maintain current program.

Additional Info

BMP Number: _____

☐ E.7 Other Post-Construction Runoff Controls

F. Pollution Prevention/Good Housekeeping

Approximate date first implemented: 2008 Frequency of each BMP program: Once annually at minimum

Qualifying Local Programs

The Village completes training and incorporates stormwater BMPs as outlined below.

☒ F.1 Employee Training Program

Brief Description of BMP

Employee Training – The Village has a wide range of stormwater training programs that includes a Job Safety Analysis (JSA) program that has incorporated stormwater Good Housekeeping procedures into each job as applicable. Water/Sewer employees are also trained on the NPDES good housekeeping practices, BMP inspection and installation, sewer inspection and dye testing.

Measurable Goals, including frequencies

Yearly training for all Public Works Water/Sewer and Engineering staff.

Milestones

Year 1: Maintain current program.

Year 2: Maintain current program.

Year 3: Maintain current program.

Year 4: Maintain current program.

Measurable Goals (include shared responsibilities)

Year 5: Maintain current program.

Additional Info

BMP Number: _____

☒ F.2 Inspection and Maintenance Program

Brief Description of BMP

Storm Sewer Televising/Cleaning – Continue to inspect and clean approximately 10% of the mainline storm sewer system annually.

Measurable Goals, including frequencies

Continue existing annual inspection and cleaning program.

Milestones

Year 1: Maintain current program.

Year 2: Maintain current program.

Year 3: Maintain current program.

Year 4: Maintain current program.

Year 5: Maintain current program.

Additional Info

BMP Number: F.2

Brief Description of BMP: Detention Pond Inspection and Maintenance – Continue existing practice of inspecting the detention pond after every rain event. Clean and repair the detention pond restrictor as needed. The Detention Pond is located on the east side of the Public Works facility at 711 Laramie Avenue, Wilmette, IL.

Measurable Goal(s), including frequencies: Maintain current annual inspection and maintenance practices.

BMP Number: F.2

Brief Description of BMP: Outfall Structures Inspection and Repair – Continue existing practice of inspecting outfall structures after 2 inches of rainfall. Schedule inspections and cleaning every 3 years for preventive control measures.

Measurable Goal(s), including frequencies: Continue existing inspection program.

BMP Number: F.2

Brief Description of BMP: Catch Basin/Inlet Cleaning – Continue existing program of cleaning catch basins and inlets on a 5-year cycle. This practice will serve as a preventative control measure to eliminate any potential debris from blocking the storm sewer drains.

Measurable Goal(s), including frequencies: Continue existing annual monitoring and cleaning program.

☒ F.3 Municipal Operations Storm Water Control

Brief Description of BMP

The Village has procedures in place to eliminate or reduce discharge of pollutants from municipal operations, including a covered salt storage area, proper storage of spoil materials, and placement of inlet protection in the maintenance yard.

Measurable Goals, including frequencies

Continue existing materials management program.

Milestones

Year 1: Maintain current program.

Year 2: Maintain current program.

Year 3: Maintain current program.

Year 4: Maintain current program.

Year 5: Maintain current program.

Additional Info

BMP Number: F.3

Brief Description of BMP: Controlled Application of Pesticides and Herbicides - Continue existing program of using only licensed applicators and operators from the Illinois Department of Agriculture. Continue the practice of using minimal applications of organic fertilizers and pesticides at Village facilities. Continue the practice of having minimal fertilizer and organic pesticides applied in Village rights of way, only as needed. Fertilizer and pesticide storage is done to minimize potential for pollution of runoff.

Measurable Goal(s), including frequencies: Continue existing controlled application of pesticides and herbicides program.

BMP Number: F.3

Brief Description of BMP: Re-Vegetation and Maintenance of Natural Areas – The Public Works Street and Forestry Divisions plant natural vegetation in areas appropriate for this practice. Natural vegetation reduces the need for pesticides and herbicides, and intercepts stormwater runoff. Natural areas are maintained by regular mowing, weed control, organic fertilization, irrigation and maintenance using good housekeeping practices. This practice will help reduce runoff and minimize debris from entering into the storm systems.

Measurable Goal(s), including frequencies: Continue existing re-vegetation and maintenance program.

☒ F.4 Municipal Operations Waste Disposal

Brief Description of BMP

Waste Disposal Program – The Village completes street sweeping in business streets weekly and residential streets monthly (weather dependent). Spoil bins are located at Public Works with drains that connect to the sanitary system, which eliminate waste from entering the storm sewer system. The vehicle wash facility is entirely self-contained as it filters and recycles the wash water with any overflow discharging to the sanitary system. The Village also recycles used motor oil and filter products.

Measurable Goals, including frequencies

Continue proper disposal of waste.

Milestones

Year 1: Maintain current program.

Year 2: Maintain current program.

Year 3: Maintain current program.

Year 4: Maintain current program.

Year 5: Maintain current program.

Additional Info

BMP Number: _____

☒ F.5 Flood Management/Assess Guidelines

Brief Description of BMP

The Village has floodplain management regulations and has completed an assessment of the separate stormwater system and continues to evaluate flood reduction BMPs that incorporate pollutant reduction techniques including rain gardens.

Measurable Goals, including frequencies

Continue to assess flood reduction measures within the separate storm sewer system.

Milestones

Year 1: Maintain current program.

Year 2: Maintain current program.

Year 3: Maintain current program.

Year 4: Maintain current program.

Year 5: Maintain current program.

Additional Info

BMP Number: _____

☒ F.6 Other Municipal Operations Controls

Brief Description of BMP

Monitoring and Assessment Program – The Village will perform yearly visual monitoring of the receiving waters to help assess the BMPs in their ILR40 permit. Where possible, the Village will utilize monitoring data collected by MWRD or IEPA.

Measurable Goals, including frequencies

Yearly visual monitoring and annual assessment of BMPs.

Milestones

Year 1: Maintain current program.

Year 2: Maintain current program.

Year 3: Maintain current program.

Year 4: Maintain current program.

Year 5: Maintain current program.

Additional Info

BMP Number: _____

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BMPs Currently Implemented and Proposed

BMP Number	Location
	All BMPs described above are currently implemented and proposed structural or non-structural BMPs.

Approximate Pollutant Reduction Resulting from each BMP

BMP Number	Pollutant	Reduction
	To be added upon receipt of formal guidance issued by IEPA.	

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
Chloride	4 times per year
Conductivity	4 times per year
pH	4 times per year
Total Suspended Solids	4 times per year
Dissolved Oxygen	4 times per year
Water Temperature	4 times per year
Biological oxygen demand (BOD5)	4 times per year
Total Nitrates (NO2+NO3)	4 times per year
Ammonia	4 times per year
Total Kjeldahl Nitrogen (TKN)	4 times per year
Total Phosphorus	4 times per year
Chlorophyll a	3 times per year
E. coli	4 times per year
Volatile Suspended Solids	4 times per year
Arsenic	Once annually, every 2 years
Iron	Once annually, every 2 years
Calcium	Once annually, every 2 years
Magnesium	Once annually, every 2 years
Sodium	Once annually, every 2 years
Barium	Once annually, every 2 years
Cadmium	Once annually, every 2 years
Chromium	Once annually, every 2 years
Lead	Once annually, every 2 years
Mercury low level	Once annually, every 2 years
Copper	Once annually, every 2 years
Nickel	Once annually, every 2 years
Silver	Once annually, every 2 years
Zinc	Once annually, every 2 years
Water Organics (PCBs, Pesticides, PNAs, VOCs)	Once annually, every 2 years

Sediment Monitoring

Is sediment monitoring currently taking place? ☒ Yes ☐ No

If Yes, please describe the sediment sampling program.

Water quality and sediment sampling are conducted for Wilmette by the North Shore Water Reclamation District, working under the management of the North Branch Watershed Workgroup (NBWW), of which Wilmette is a member. Water column and sediment sampling, sediment chemistry, continuous DO monitoring, benthic periphyton sampling and two additional nutrient water chemistry sample events are completed on a two-year rotating basis concurrent with the NBWW's bioassessment program. The full 2-year Monitoring Strategy (Illinois EPA Approved April 2019) can be found here: https://www.nbwwil.org/wp-content/uploads/2019/04/NBCR-Watershed-Monitoring-Strategy_FINAL.pdf

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.

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)).

Brigitte Berger-Raish

Authorized Representative Name

Director of Engineering & Public Works

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.