

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 Schaumburg MS4 #: ILR40400443
Population (based on 2010 census): 72,887
2. MS4 Mailing Address: 714 S Plum Grove Road City: Schaumburg, IL Zip: 60193
3. Primary MS4 Contact Person (Authorized Representative for MS4 Permit)
Name: Brian Wagner Title: Utility Superintendent
Phone: 847.895.7100 Email Address: bwagner@schaumburg.com

General Information

4. Latitude and Longitude at approximate geographical center of MS4 for which you are requesting authorization to discharge:
Latitude: 42. 01 39.04 Longitude: 88 04 41.84
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 |
|--------------|------------|--------|
| Schaumburg | Schaumburg | Cook |
7. Area of land within your MS4 in square miles: 19.3
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? |
|---|---|
| West Branch DuPage River | ☒ Yes ☐ No |
| Salt Creek | ☒ Yes ☐ No |
| Poplar Creek | ☒ Yes ☐ No |

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

Causes: Fecal coliform, phosphorus, PCBs, Mercury

Source: Urban Runoff

- 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?

Project design is underway for stabilization of a stretch of the West Branch DuPage River to reduce pollution entering the river from urban stormwater runoff. All additional BMPs identified in this application are also intended for the purpose of reducing the release of pollutants into waterways.

- 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: Michael Hall

Title: EPW Director

Phone: 847-923-6612

Email: mhall@schaumburg.com

Area of Responsibility: Storm Water Planning

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: 2004 Frequency of each BMP program: Annual

Qualifying Local Programs

Schaumburg Park District Environmental programs & Scarce.org programs

Measurable Goals (include shared responsibilities)

☒ A.1 Distributed Paper Material

Brief Description of BMP

Provide EPA Handouts (After the Storm & Protecting Water Quality from Urban Runoff), Climate Change Handouts, and Detention Basin Do's/Don'ts handout to residents.

Measurable Goals, including frequencies

Provide 100 copies throughout the year of the handout materials at Library, Village Hall, EPW Open House.

Milestones

Year 1: Continue to regularly provide EPA, climate change, and detention basin handouts. Provide 100 copies, throughout the year, at the Library, Village Hall, and EPW Open House.

Year 2: Continue to regularly provide EPA, climate change, and detention basin handouts. Provide 100 copies, throughout the year, at the Library, Village Hall, and EPW Open House.

Year 3: Continue to regularly provide EPA, climate change, and detention basin handouts. Provide 100 copies, throughout the year, at the Library, Village Hall, and EPW Open House.

Year 4: Continue to regularly provide EPA, climate change, and detention basin handouts. Provide 100 copies, throughout the year, at the Library, Village Hall, and EPW Open House.

Year 5: Continue to regularly provide EPA, climate change, and detention basin handouts. Provide 100 copies, throughout the year, at the Library, Village Hall, and EPW Open House.

Additional Info

BMP Number: A.1

The handouts are easy to understand for residents and beneficial educational tools.

☒ A.2 Speaking Engagement

Brief Description of BMP

Hold public annual MS4 meetings.

Measurable Goals, including frequencies

Boost public participation through increased meeting attendance.

Milestones

Year 1: Hold annual MS4 meeting

Year 2: Hold annual MS4 meeting

Year 3: Hold annual MS4 meeting

Year 4: Hold annual MS4 meeting

Year 5: Hold annual MS4 meeting

Additional Info

BMP Number: A.2

Public meetings allow for residents to voice concern and share new ideas about the policy being discussed.

☒ A.4 Community Event

Brief Description of BMP

Annual Touch-a-Truck/Public Works Open House

Measurable Goals, including frequencies

Continue annual Public Works Open House/Touch-a-Truck event.

Milestones

Year 1: Incorporate BMP handouts and informational items at the public works open house

Year 2: Incorporate BMP handouts and informational items at the public works open house

Year 3: Incorporate BMP handouts and informational items at the public works open house

☒ A.3 Public Service Announcement

Brief Description of BMP

Stormwater pollution prevention PSA and MWRD rain barrel videos on the village website.

Measurable Goals, including frequencies

Reduce pollutant loads in known troubled waterways and increase sales of rain barrels through municipal drives.

Milestones

Year 1: Continue updates of the Village of Schaumburg website to make water quality, stormwater and permit information available.

Year 2: Continue updates of the Village of Schaumburg website to make water quality, stormwater and permit information available.

Year 3: Continue updates of the Village of Schaumburg website to make water quality, stormwater and permit information available.

Year 4: Continue updates of the Village of Schaumburg website to make water quality, stormwater and permit information available.

Year 5: Continue updates of the Village of Schaumburg website to make water quality, stormwater and permit information available.

Additional Info

BMP Number: A.3

Increasing the amount of information available to the public allows greater awareness and increases the likelihood of resident participation.

Year 4: Incorporate BMP handouts and informational items at the public works open house

Year 5: Incorporate BMP handouts and informational items at the public works open house

Additional Info

BMP Number: A.4

The Public Works Open House gives the Village an opportunity about the equipment used by the Village and the need for pollution prevention.

☒ A.5 Classroom Education Material

Brief Description of BMP

The Village will promote the environmental programs that Schaumburg Park District hosts at their Springbrook Nature center as well as scarce.org educational programing.

Measurable Goals, including frequencies

Promote these programs on Village website and provide handouts to inform residents of these programs.

Milestones

Year 1: Provide link to scarce.org program calendar and Schaumburg Park District Springbrook Nature Center programs.

Year 2: Update link to scarce.org program calendar and Schaumburg Park District Springbrook Nature Center programs.

- Year 3: Update link to scarce.org program calendar and Schaumburg Park District Springbrook Nature Center programs.
- Year 4: Update link to scarce.org program calendar and Schaumburg Park District Springbrook Nature Center programs.
- Year 5: Update link to scarce.org program calendar and Schaumburg Park District Springbrook Nature Center programs.

Additional Info

BMP Number: A.5

These programs are geared towards younger residents to whom the other educational outreaches practices might not typically reach.

☒ A.6 Other Public Education

Brief Description of BMP

Fish Grate standard enforcement and Village Green Corner website.

Measurable Goals, including frequencies

Continue Village standard use requiring fish grates on open lid structures. Continue to update Green Corner website.

Milestones

- Year 1: Regular enforcement of fish grate standard and updates to the Green Corner website.
- Year 2: Regular enforcement of fish grate standard and updates to the Green Corner website.
- Year 3: Regular enforcement of fish grate standard and updates to the Green Corner website.
- Year 4: Regular enforcement of fish grate standard and updates to the Green Corner website.
- Year 5: Regular enforcement of fish grate standard and updates to the Green Corner website.

Additional Info

BMP Number: A.6

The fish grate standard is a proven effective tool for notification that the storm sewer drains to a waterway. The Village Green Corner website provides environmental education materials, links to the Comprehensive Green Action Plan and the Biodiversity Plan, and information about Village environmental events.

B. Public Participation/Involvement

Approximate date first implemented: 2004 Frequency of each BMP program: Annual

Qualifying Local Programs

Measurable Goals (include shared responsibilities)

☒ B.2 Educational Volunteer

Brief Description of BMP

Annual Village Environmental Fair

Measurable Goals, including frequencies

Held Annual Environmental Fair (May 11, 2018). Scheduled 2019 Environmental fair for May 12, 2020 (postponed due to COVID-19)

Milestones

Year 1: Hold annual village environmental fair

Year 2: Hold annual village environmental fair

Year 3: Hold annual village environmental fair

Year 4: Hold annual village environmental fair

Year 5: Hold annual village environmental fair

Additional Info

BMP Number: B.2

The environmental fair allows for hands-on education about environmental issues, including stormwater and pollution prevention.

☒ B.3 Stakeholder Meeting

Brief Description of BMP

Met with Homeowners Associations for education and feedback

Measurable Goals, including frequencies

Meet with 10% of HOAs per year.

Milestones

Year 1: Meet with at least 10% of HOAs.

Year 2: Meet with at least 10% of HOAs

Year 3: Meet with at least 10% of HOAs

Year 4: Meet with at least 10% of HOAs

Year 5: Meet with at least 10% of HOAs

Additional Info

BMP Number: B.3

HOAs manage maintenance and upkeep of many private-owned stormwater facilities which the Village is not responsible for. This will allow the Village provide feedback on the HOA's maintenance activities and provide updates to latest best management practices, as well as answer questions that the HOAs might have.

☐ B.4 Public Hearing

☒ B.5 Volunteer Monitoring

Brief Description of BMP

Adopt-a-Highway, Adopt-a-Bikepath

Measurable Goals, including frequencies

Promote and increase participation in Adopt-a-Highway and Adopt-a-Bikepath.

Milestones

Year 1: Assist the working groups to formalize volunteer cleanup and monitoring by developing training workshops, procedures and advertising for recruitment

Year 2: Assist the working groups to formalize volunteer cleanup and monitoring by developing training workshops, procedures and advertising for recruitment

Year 3: Assist the working groups to formalize volunteer cleanup and monitoring by developing training workshops, procedures and advertising for recruitment

Year 4: Assist the working groups to formalize volunteer cleanup and monitoring by developing training workshops, procedures and advertising for recruitment

Year 5: Assist the working groups to formalize volunteer cleanup and monitoring by developing training workshops, procedures and advertising for recruitment

Additional Info

BMP Number: B.5

These programs provide a dual benefit of removing potential pollutants from streets and paths in order to protect the downstream sewers and waterways and educates the members of participating groups about pollution issues.

☒ B.6. Program Involvement

Brief Description of BMP

Annual Village Recycling Event & Village Recycling Boxes

Measurable Goals, including frequencies

Advertise and hold annual electronics recycling event. Maintain waste drop-off sites at major Village buildings.

Milestones

Year 1: Continue to apply for and conduct hazardous waste collection days as approved by the EPA

Year 2: Continue to apply for and conduct hazardous waste collection days as approved by the EPA

Year 3: Continue to apply for and conduct hazardous waste collection days as approved by the EPA

Year 4: Continue to apply for and conduct hazardous waste collection days as approved by the EPA

Year 5: Continue to apply for and conduct hazardous waste collection days as approved by the EPA

Additional Info

BMP Number: B.6

The annual recycling event provides a dual benefit of removing potential electronic, clothing, paper (documents), eye-glass, CFL light bulb, and household battery waste from entering the environment and educating the public on potential hazards of these wastes. The Village also has CFL light bulb, household battery, and Christmas tree light drop-off sites at major Village buildings.

☐ B.7 Other Public Involvement

C. Illicit Discharge Detection and Elimination

Approximate date first implemented: 2004

Frequency of each BMP program: Annual

Qualifying Local Programs

☒ C.1 Sewer Map Preparation

Brief Description of BMP

Update GIS Sewer Maps as necessary and maintain outfall number markers.

Measurable Goals, including frequencies

The GIS Sewer Map has been fully completed and is available online. It will be updated as storm sewer improvement projects are implemented.

Milestones

Year 1: Review the storm sewer map and update as needed.

Year 2: Review the storm sewer map and update as needed.

Year 3: Review the storm sewer map and update as needed.

Year 4: Review the storm sewer map and update as needed.

Year 5: Review the storm sewer map and update as needed.

Measurable Goals (include shared responsibilities)

Additional Info

BMP Number: C.1

The GIS Sewer Maps are required as part of the ILR40 permit. The maps and the outlet marking provide valuable information to Village staff for outfall monitoring and illicit discharge tracing.

☒ C.2 Regulatory Control Program

Brief Description of BMP

Provide phone number on village website for illicit discharge reporting.

Measurable Goals, including frequencies

Increase number of illicit discharge incident reports.

Milestones

Year 1: Conduct annual tracing and inspect 50% of outfalls for illicit discharge.

Year 2: Conduct annual tracing and inspect 50% of outfalls for illicit discharge.

Year 3: Conduct annual tracing and inspect 50% of outfalls for illicit discharge.

Year 4: Conduct annual tracing and inspect 50% of outfalls for illicit discharge.

Year 5: Conduct annual tracing and inspect 50% of outfalls for illicit discharge.

Additional Info

BMP Number: C.2

Reporting discharges increases response time as discharges can be reported faster than waiting for regular inspections by Village staff.

☒ C.3 Detection/Elimination Prioritization Plan

Brief Description of BMP

Identify high risk outfalls and developed outfall inspection priority area maps in 2019.

Measurable Goals, including frequencies

Continue to use high-risk outfall maps to ensure high-risk outfalls are inspected at least once per year.

Milestones

Year 1: Continue to identify high risk outfalls and incorporate data into annual outfall tracing/inspections.

Year 2: Continue to identify high risk outfalls and incorporate data into annual outfall tracing/inspections.

Year 3: Continue to identify high risk outfalls and incorporate data into annual outfall tracing/inspections.

Year 4: Continue to identify high risk outfalls and incorporate data into annual outfall tracing/inspections.

Year 5: Continue to identify high risk outfalls and incorporate data into annual outfall tracing/inspections.

Additional Info

BMP Number: C.3

The ILR40 statewide permit requires that priority outfalls be inspected every year. Establishing an inspection priority list will allow the Village to meet this requirement and will protect the most vulnerable water resources.

☒ C.4 Illicit Discharge Tracing Procedures

Brief Description of BMP

Utilize a tracking form for illicit discharge source tracing.

Measurable Goals, including frequencies

Implement updated illicit discharge tracing procedures in conjunction with inspections. Distribute tracking forms to public works staff for easy access and increased availability.

Milestones

Year 1: Implement updated illicit discharge tracing procedures in conjunction with inspections. Continue to distribute tracking forms to public works staff.

Year 2: Continue to implement illicit discharge tracing procedures in conjunction with inspections. Continue to distribute tracking forms to public works staff.

Year 3: Continue to implement illicit discharge tracing procedures in conjunction with inspections. Continue to distribute tracking forms to public works staff.

Year 4: Continue to implement illicit discharge tracing procedures in conjunction with inspections. Continue to distribute tracking forms to public works staff.

Year 5: Continue to implement illicit discharge tracing procedures in conjunction with inspections. Continue to distribute tracking forms to public works staff.

Additional Info

BMP Number: C.4

Using a tracking form will result in reduced spread and damage from illicit discharge due to lack of variables in the discharge identification and clean-up processes.

☒ C.5 Illicit Source Removal Procedures

Brief Description of BMP

A spill response plan was formalized in 2019.

Measurable Goals, including frequencies

Continue to implement a formal spill response process and train staff on the new procedures.

Milestones

Year 1: Continue to implement response plan and include response process in staff training.

Year 2: Continue to implement response plan and include response process in staff training.

Year 3: Continue to implement response plan and include response process in staff training.

Year 4: Continue to implement response plan and include response process in staff training.

Year 5: Continue to implement response plan and include response process in staff training.

Additional Info

BMP Number: C.5

A formal spill response results in quicker handling of the situation due to step-by-step instructions regarding the spill cleanup processes.

☒ C.6 Program Evaluation and Assessment

Brief Description of BMP

DuPage River Salt Creek Workgroup stream monitoring program

Measurable Goals, including frequencies

Assess the effectiveness of stormwater pollution prevention activities.

Milestones

Year 1: Continue involvement in DRSCW stream monitoring program and assess the effectiveness of stormwater pollution prevention activities.

Year 2: Continue involvement in DRSCW stream monitoring program and assess the effectiveness of stormwater pollution prevention activities.

Year 3: Continue involvement in DRSCW stream monitoring program and assess the effectiveness of stormwater pollution prevention activities.

Year 4: Continue involvement in DRSCW stream monitoring program and assess the effectiveness of stormwater pollution prevention activities.

Year 5: Continue involvement in DRSCW stream monitoring program and assess the effectiveness of stormwater pollution prevention activities.

Additional Info

BMP Number: C.6

The stream monitoring program allows the participating municipalities to assess the effectiveness of stormwater pollution prevention activities, and allow the DRSCW to revise educational seminars based on sampling results.

☒ C.7 Visual Dry Weather Screening

Brief Description of BMP

Dry-weather Outfall Inspections

Measurable Goals, including frequencies

Inspect all outfalls during dry weather once annually.

Milestones

Year 1: Inspect all outfalls during dry weather once annually

Year 2: Inspect all outfalls during dry weather once annually

Year 3: Inspect all outfalls during dry weather once annually

Year 4: Inspect all outfalls during dry weather once annually

Year 5: Inspect all outfalls during dry weather once annually

Additional Info

BMP Number: C.7

Annual dry-weather outfall inspections are extremely important towards identifying illicit discharges.

☒ C.8 Pollutant Field Testing

Brief Description of BMP

Develop field testing procedures of sites where visual inspection causes suspicion for illicit discharge.

Measurable Goals, including frequencies

Distribute tracking form with list of visual observation procedures and a quick-list of observation indicators that could aid in identifying illicit discharges.

Milestones

Year 1: Develop field testing procedures of sites where visual inspection causes suspicion for illicit discharge.

Year 2: Distribute list of visual observation procedures and a quick-list of observation indicators that could aid in identifying illicit discharges.

Year 3: Distribute list of visual observation procedures and a quick-list of observation indicators that could aid in identifying illicit discharges.

Year 4: Distribute list of visual observation procedures and a quick-list of observation indicators that could aid in identifying illicit discharges.

Year 5: Distribute list of visual observation procedures and a quick-list of observation indicators that could aid in identifying illicit discharges.

Additional Info

BMP Number: C.8

Keeping a field kit on hand and having a list of visual observation procedures would result in decreased response time versus public works staff having to retrieve or wait for a field test kit.

☒ C.9 Public Notification

Brief Description of BMP

Insert a Public Service Announcement in Village newsletter about illicit discharges and reporting.

Measurable Goals, including frequencies

Include illicit discharge PSA once annually in Village newsletter starting in 2020.

Milestones

Year 1: Include an illicit discharge PSA in Village news letter once annually.

Year 2: Include an illicit discharge PSA in Village news letter once annually.

Year 3: Include an illicit discharge PSA in Village news letter once annually.

Year 4: Include an illicit discharge PSA in Village news letter once annually.

Year 5: Include an illicit discharge PSA in Village news letter once annually.

Additional Info

BMP Number: C.9

The PSA will inform residents about what are considered illicit discharges and what should be reported to the Village, and will either eliminate confusion or close the knowledge gap about illicit discharges.

☐ C.10 Other Illicit Discharge Controls

D. Construction Site Runoff Control

Approximate date first implemented: 2004

Frequency of each BMP program: Annual

Qualifying Local Programs

Measurable Goals (include shared responsibilities)

☒ D.1 Regulatory Control Program

Brief Description of BMP

Village Floodplain, Subdivision Control, and Wetland Protection Village Ordinances and MWRD WMO requirements

Measurable Goals, including frequencies

Enforce ordinance requirements for all applicable developments.

Milestones

Year 1: Continued review and enforcement of ordinance requirements for applicable developments.

Year 2: Continued review and enforcement of ordinance requirements for applicable developments.

Year 3: Continued review and enforcement of ordinance requirements for applicable developments.

Year 4: Continued review and enforcement of ordinance requirements for applicable developments.

Year 5: Continued review and enforcement of ordinance requirements for applicable developments.

Additional Info

BMP Number: D.1

Both the Village Code of Ordinances and MWRD Watershed Management Ordinance meet the minimum requirements of the ILR10 permit, provide protection of natural resources, and provide best management practices for construction activities and post-construction pollution prevention.

☒ D.2 Erosion and Sediment Control BMPs

Brief Description of BMP

Update and enforcement of Village Floodplain, Subdivision Control, and Wetland Protection Village Ordinances erosion control practices and enforcement of MWRD WMO erosion control requirements (Chapters 400, 401, 402, 403)

Measurable Goals, including frequencies

Enforce soil erosion and sediment control requirements in each Ordinance to all applicable developments.

Milestones

Year 1: Continued review and enforcement of sediment control requirements for all applicable developments.

Year 2: Continued review and enforcement of sediment control requirements for all applicable developments.

Year 3: Continued review and enforcement of sediment control requirements for all applicable developments.

Year 4: Continued review and enforcement of sediment control requirements for all applicable developments.

Year 5: Continued review and enforcement of sediment control requirements for all applicable developments.

Additional Info

BMP Number: D.2

Both the Village Code of Ordinances and MWRD Watershed Management Ordinance (WMO) meet the minimum requirements of the ILR10 permit, provide protection of natural resources, and provide best management practices for construction activities and post-construction pollution prevention, specifically soil erosion and sediment control.

☒ D.3 Other Waste Control Program

Brief Description of BMP

WMO Chapter 403 requires construction waste to be disposed of offsite and prohibits temporary storage of construction materials within the floodplain.

Measurable Goals, including frequencies

Enforce MWRD Chapter 403 during design review and during construction site inspections.

Milestones

Year 1: Enforce MWRD Chapter 403 during design review and during construction site inspections.

Year 2: Enforce MWRD Chapter 403 during design review and during construction site inspections.

Year 3: Enforce MWRD Chapter 403 during design review and during construction site inspections.

Year 4: Enforce MWRD Chapter 403 during design review and during construction site inspections.

Year 5: Enforce MWRD Chapter 403 during design review and during construction site inspections.

Additional Info

BMP Number: D.3

The requirements of Chapter 403 provide protection from pollution even during storm events up to the 100-year event, and keep all construction materials either protected onsite or properly contained at a disposal facility offsite.

☒ D.4 Site Plan Review Procedures

Brief Description of BMP

Land Development Permit Application reviews and MWRD Stormwater Management Reviews

Measurable Goals, including frequencies

Continue site plan review procedures and update as necessary with any revisions to the Village Ordinance or the WMO.

Milestones

Year 1: Evaluate site plan review procedures and update as necessary with any revisions to the Village Ordinance or the WMO.

Year 2: Evaluate site plan review procedures and update as necessary with any revisions to the Village Ordinance or the WMO.

Year 3: Evaluate site plan review procedures and update as necessary with any revisions to the Village Ordinance or the WMO.

Year 4: Evaluate site plan review procedures and update as necessary with any revisions to the Village Ordinance or the WMO.

Year 5: Evaluate site plan review procedures and update as necessary with any revisions to the Village Ordinance or the WMO.

Additional Info

BMP Number: D.4

The site plan review procedures ensure that the pollution prevention designs for each project during construction meet both ordinance requirements.

☒ D.5 Public Information Handling Procedures

Brief Description of BMP

Annual public meeting for MS4 feedback.

Measurable Goals, including frequencies

Include resident attendance in the meeting minute notes and track public participation in such events.

Milestones

Year 1: Host annual public meeting for MS4 feedback, include attendance in meeting minute notes and track public participation in such events.

Year 2: Host annual public meeting for MS4 feedback, include attendance in meeting minute notes and track public participation in such events.

Year 3: Host annual public meeting for MS4 feedback, include attendance in meeting minute notes and track public participation in such events.

Year 4: Host annual public meeting for MS4 feedback, include attendance in meeting minute notes and track public participation in such events.

Year 5: Host annual public meeting for MS4 feedback, include attendance in meeting minute notes and track public participation in such events.

Additional Info

BMP Number: D.5

Including Village residents in the feedback and decision-making process is imperative for ensuring public cooperation throughout the MS4 and NPDES process.

☒ D.6 Site Inspection/Enforcement Procedures

Brief Description of BMP

Tree protection fencing inspections and erosion control inspections of construction sites and enforcement of project securities for construction.

Measurable Goals, including frequencies

Perform inspections and log erosion control and tree fencing inspections of all construction sites, enforce and log work stoppage requirement for grading violations, and enforce project security.

Milestones

Year 1: Regularly perform inspections and log erosion control and tree fencing inspections of all construction sites, enforce and log work stoppage requirement for grading violations, and enforce project security.

- Year 2: Regularly perform inspections and log erosion control and tree fencing inspections of all construction sites, enforce and log work stoppage requirement for grading violations, and enforce project security.
- Year 3: Regularly perform inspections and log erosion control and tree fencing inspections of all construction sites, enforce and log work stoppage requirement for grading violations, and enforce project security.
- Year 4: Regularly perform inspections and log erosion control and tree fencing inspections of all construction sites, enforce and log work stoppage requirement for grading violations, and enforce project security.
- Year 5: Regularly perform inspections and log erosion control and tree fencing inspections of all construction sites, enforce and log work stoppage requirement for grading violations, and enforce project security.

Additional Info

BMP Number: D.6

Construction inspections performed by the Village ensure that the designed pollution prevention elements are utilized properly during construction, and correct any deficiencies.

☐ D.7 Other Construction Site Runoff Controls

E. Post-Construction Runoff Control

Approximate date first implemented: 2004 Frequency of each BMP program: _____

Qualifying Local Programs

Measurable Goals (include shared responsibilities)

☒ E.1 Community Control Strategy

Brief Description of BMP

Village Biodiversity Plan and Comprehensive Green Action Plan

Measurable Goals, including frequencies

Maintain Village Biodiversity Recovery Plan and Comprehensive Green Action Plan on the Village website.

Milestones

- Year 1: Revise and update the biodiversity and comprehensive green action as required.
- Year 2: Revise and update the biodiversity and comprehensive green action as required.
- Year 3: Revise and update the biodiversity and comprehensive green action as required.
- Year 4: Revise and update the biodiversity and comprehensive green action as required.
- Year 5: Revise and update the biodiversity and comprehensive green action as required.

Additional Info

BMP Number: E.1

Both plans provide guidance to the Village for protecting and restoring valuable environmental resources, utilizing green infrastructure to protect water resources, such as native landscaping and rain barrel installation, and Village-wide recycling programs.

☒ E.2 Regulatory Control Program

Brief Description of BMP

Enforcement of MWRD WMO requirements for Best Management Practices (Chapter 503)

Measurable Goals, including frequencies

The best management practice ordinance requirements provide valuable first flush treatment and frequent storm event storage volume to protect the downstream water resources.

Milestones

Year 1: Continued enforcement of MWRD WMO requirements for BMPs (Chapter 503).

Year 2: Continued enforcement of MWRD WMO requirements for BMPs (Chapter 503).

Year 3: Continued enforcement of MWRD WMO requirements for BMPs (Chapter 503).

Year 4: Continued enforcement of MWRD WMO requirements for BMPs (Chapter 503).

Year 5: Continued enforcement of MWRD WMO requirements for BMPs (Chapter 503).

Additional Info

BMP Number: E.2

The best management practice ordinance requirements provide valuable first flush treatment and frequent storm event storage volume to protect the downstream water resources.

☒ E.3 Long Term O & M Procedures

Brief Description of BMP

Village storm sewer repair and maintenance projects, Operations & Maintenance Manual enforcement, and enforcement of MWRD WMO long term maintenance requirements for BMPs.

Measurable Goals, including frequencies

Continue development of 5-year budget plan for storm sewer repair and maintenance and perform budgeted improvements. Train EPW employees on use of the Operations & Maintenance Manual.

Milestones

Year 1: Revise and conduct yearly hearing on the CIP Budget in order to meet established BMPs.

Year 2: Revise and conduct yearly hearing on the CIP Budget in order to meet established BMPs.

Year 3: Revise and conduct yearly hearing on the CIP Budget in order to meet established BMPs.

Year 4: Revise and conduct yearly hearing on the CIP Budget in order to meet established BMPs.

Year 5: Revise and conduct yearly hearing on the CIP Budget in order to meet established BMPs.

Additional Info

BMP Number: E.3

The Village sewer repair and maintenance project provides repair of damaged structures to prevent contamination of stormwater from a variety of structures. The Operations & Maintenance manual provides an easily available source for all employees to utilize. MWRD's long-term maintenance requirements ensure that best management practices are maintained in perpetuity.

☒ E.4 Pre-Construction Review of BMP Designs

Brief Description of BMP

Village review process for stormwater BMPs and erosion control design prior to permit issuance per Village Ordinance and WMO.

Measurable Goals, including frequencies

Review all permit applications for compliance with post construction BMPs according to WMO and compliance with Village stormwater and erosion control regulations.

Milestones

- Year 1: Continued review of soil erosion plan, update handouts, review and revise current practices as necessary and offer erosion control seminars as requested
- Year 2: Continued review of soil erosion plan, update handouts, review and revise current practices as necessary and offer erosion control seminars as requested
- Year 3: Continued review of soil erosion plan, update handouts, review and revise current practices as necessary and offer erosion control seminars as requested
- Year 4: Continued review of soil erosion plan, update handouts, review and revise current practices as necessary and offer erosion control seminars as requested
- Year 5: Continued review of soil erosion plan, update handouts, review and revise current practices as necessary and offer erosion control seminars as requested

Additional Info

BMP Number: E.4

The site plan review procedures ensure that the pollution prevention designs for post-construction treatment meet both ordinance requirements.

☒ E.5 Site Inspections During Construction

Brief Description of BMP

Village and MWRD inspections of rough grading, drainage, landscaping, BMPs, and detention.

Measurable Goals, including frequencies

Inspect all applicable sites and document inspections during construction for grading, drainage, landscaping, BMPs, and detention.

Milestones

- Year 1: Continued review of the soil erosion plan, update handouts, review and revise current practices as necessary and offer erosion control seminars as requested.
- Year 2: Continued review of the soil erosion plan, update handouts, review and revise current practices as necessary and offer erosion control seminars as requested.
- Year 3: Continued review of the soil erosion plan, update handouts, review and revise current practices as necessary and offer erosion control seminars as requested.
- Year 4: Continued review of the soil erosion plan, update handouts, review and revise current practices as necessary and offer erosion control seminars as requested.
- Year 5: Continued review of the soil erosion plan, update handouts, review and revise current practices as necessary and offer erosion control seminars as requested.

Additional Info

BMP Number: E.5

Village and MWRD inspections during construction ensure that the designed best management practices are installed per plan and will function properly after construction completion.

☒ E.6 Post-Construction Inspections

Brief Description of BMP

Village inspections of rough grading, drainage, landscaping, BMP, and detention at completion of construction. MWRD final and post-construction inspections of BMPs.

Measurable Goals, including frequencies

Inspect all sites and document inspections at substantial completion for grading, drainage, landscaping, BMP, and detention. MWRD will continue final and post construction inspections of BMPs.

Milestones

- Year 1: Continued review of the soil erosion plan, update handouts, review and revise current practices as necessary and offer erosion control seminars as requested.
- Year 2: Continued review of the soil erosion plan, update handouts, review and revise current practices as necessary and offer erosion control seminars as requested.
- Year 3: Continued review of the soil erosion plan, update handouts, review and revise current practices as necessary and offer erosion control seminars as requested.
- Year 4: Continued review of the soil erosion plan, update handouts, review and revise current practices as necessary and offer erosion control seminars as requested.
- Year 5: Continued review of the soil erosion plan, update handouts, review and revise current practices as necessary and offer erosion control seminars as requested.

Additional Info

BMP Number: E.6

Final and post-construction inspections by Village and MWRD verify that all BMPs are operating properly.

☐ E.7 Other Post-Construction Runoff Controls

F. Pollution Prevention/Good Housekeeping

Approximate date first implemented: 2004 Frequency of each BMP program: _____

Qualifying Local Programs

☒ F.1 Employee Training Program

Brief Description of BMP

Training with Engineering & Public Works Good Housekeeping & Pollution Prevention powerpoint and Village attendance at APWA deicing workshop

Measurable Goals, including frequencies

Annual Good Housekeeping & Pollution Prevention powerpoint review with EPW staff. Send two EPW employees per year on DRSCW chloride reduction workshop or APWA deicing workshop.

Milestones

Measurable Goals (include shared responsibilities)

- Year 1: Continued training on good housekeeping and pollution prevention for building, vehicle, material disposal, infrastructure, and construction activities.
- Year 2: Continued training on good housekeeping and pollution prevention for building, vehicle, material disposal, infrastructure, and construction activities.
- Year 3: Continued training on good housekeeping and pollution prevention for building, vehicle, material disposal, infrastructure, and construction activities.
- Year 4: Continued training on good housekeeping and pollution prevention for building, vehicle, material disposal, infrastructure, and construction activities.
- Year 5: Continued training on good housekeeping and pollution prevention for building, vehicle, material disposal, infrastructure, and construction activities.

Additional Info

BMP Number: F.1

Training of employees will ensure that all Village staff are aware of good housekeeping and pollution prevention practices. Attendance at the deicing workshop will keep the Village up to date on latest best practices.

☒ F.2 Inspection and Maintenance Program

Brief Description of BMP

MWRD Creek inspection & maintenance program, Street Sweeping, annual catch basins cleaning and cleaning adjacent to construction projects, Hot Spot Patrol and Inlet Cleaning Program, Village Severe Weather Emergency Plan, storm sewer repair and maintenance projects, and partnership with Park District to maintain detention basins with Village inspections

Measurable Goals, including frequencies

Inspect 20% of West Branch annually and perform maintenance. Maintain street sweeping program and schedule. Clean 25% of catch basins annually and log cleaning. Utilize and update Hot Spot Patrol & Village Severe Weather Emergency Plan. Continue 5-year budget plan for storm sewer repair and maintenance and perform budgeted improvements. Inspect all Park District and private detention basins once annually and provide inspection reports to Park District.

Milestones

- Year 1: Conduct annual inspection of the subject creek, perform required maintenance, and install erosion control as required.
- Year 2: Conduct annual inspection of the subject creek, perform required maintenance, and install erosion control as required.
- Year 3: Conduct annual inspection of the subject creek, perform required maintenance, and install erosion control as required.
- Year 4: Conduct annual inspection of the subject creek, perform required maintenance, and install erosion control as required.
- Year 5: Conduct annual inspection of the subject creek, perform required maintenance, and install erosion control as required.

Additional Info

BMP Number: F.2

All of these programs and measures maintain the integrity of the storm sewer system to protect the stormwater resources.

☒ F.3 Municipal Operations Storm Water Control

Brief Description of BMP

Use of filter bags on pump discharges during utility excavation work, use of catch-all filters, containment and treatment of truck wash water, and proper salt, fertilizer, pesticide, building material, and detergents storage.

Measurable Goals, including frequencies

Investigate and utilize new technology for pollution prevention for Village operations. Inspect truck wash, salt, fertilizer, pesticide, building material, detergent storage facilities and make repairs as necessary annually and log inspection.

Milestones

Year 1: Annual inspection and as-needed repair of truck wash, salt, fertilizer, pesticide, building material, detergent storage facilities. Continued evaluation of pollution prevention techniques for Village operations.

Year 2: Annual inspection and as-needed repair of truck wash, salt, fertilizer, pesticide, building material, detergent storage facilities. Continued evaluation of pollution prevention techniques for Village operations.

Year 3: Annual inspection and as-needed repair of truck wash, salt, fertilizer, pesticide, building material, detergent storage facilities. Continued evaluation of pollution prevention techniques for Village operations.

Year 4: Annual inspection and as-needed repair of truck wash, salt, fertilizer, pesticide, building material, detergent storage facilities. Continued evaluation of pollution prevention techniques for Village operations.

Year 5: Annual inspection and as-needed repair of truck wash, salt, fertilizer, pesticide, building material, detergent storage facilities. Continued evaluation of pollution prevention techniques for Village operations.

Additional Info

BMP Number: F.3

All of the listed practices utilized by the Village protect stormwater quality and limit the likelihood of spill events.

☒ **F.4 Municipal Operations Waste Disposal**

Brief Description of BMP

Training with Engineering & Public Works Good Housekeeping & Pollution Prevention powerpoint and Village attendance at APWA deicing workshop

Measurable Goals, including frequencies

Annual Good Housekeeping & Pollution Prevention powerpoint review with EPW staff. Send two EPW employees per year on DRSCW chloride reduction workshop or APWA deicing workshop.

Milestones

Year 1: Host annual employee training.

Year 2: Host annual employee training.

Year 3: Host annual employee training.

Year 4: Host annual employee training.

Year 5: Host annual employee training.

Additional Info

BMP Number: F.4

Training of employees will ensure that all Village staff are aware of good housekeeping and pollution prevention practices. Attendance at the deicing workshop will keep the Village up to date on latest best practices.

☒ **F.5 Flood Management/Assess Guidelines**

Brief Description of BMP

Attendance at APWA or DuPage County pollution prevention for MS4 communities' workshop.

Measurable Goals, including frequencies

Confirm a Village representative or representatives to attend such meetings and workshops

Milestones

- Year 1: A Village representative(s) will attend APWA or DuPage County pollution prevention workshops for MS4 communities.
- Year 2: A Village representative(s) will attend APWA or DuPage County pollution prevention workshops for MS4 communities.
- Year 3: A Village representative(s) will attend APWA or DuPage County pollution prevention workshops for MS4 communities.
- Year 4: A Village representative(s) will attend APWA or DuPage County pollution prevention workshops for MS4 communities.
- Year 5: A Village representative(s) will attend APWA or DuPage County pollution prevention workshops for MS4 communities.

Additional Info

BMP Number: F.5

Attendance at such an event not only results in a more educated Village staff and policymaking decisions, but also puts Village staff in contact with other municipalities undergoing the same processes.

☒ F.6 Other Municipal Operations Controls

Brief Description of BMP

Membership in DuPage River Salt Creek Workgroup, Upper Salt Creek Watershed Planning Council, and Poplar Creek Planning Council (included in missing documents list)

Measurable Goals, including frequencies

Continue membership in DuPage River Salt Creek Workgroup, Upper Salt Creek Watershed Planning Council, and Poplar Creek Planning Council

Milestones

- Year 1: Continue membership in DuPage River Salt Creek Workgroup, Upper Salt Creek Watershed Planning Council, and Poplar Creek Planning Council
- Year 2: Continue membership in DuPage River Salt Creek Workgroup, Upper Salt Creek Watershed Planning Council, and Poplar Creek Planning Council
- Year 3: Continue membership in DuPage River Salt Creek Workgroup, Upper Salt Creek Watershed Planning Council, and Poplar Creek Planning Council
- Year 4: Continue membership in DuPage River Salt Creek Workgroup, Upper Salt Creek Watershed Planning Council, and Poplar Creek Planning Council
- Year 5: Continue membership in DuPage River Salt Creek Workgroup, Upper Salt Creek Watershed Planning Council, and Poplar Creek Planning Council

Additional Info

BMP Number: F.6

Participation in these councils and workgroup allow the Village to collaborate with other municipalities and groups within each watershed to collaborate on improvement projects and best management practices.

BMPs Currently Implemented and Proposed

BMP Number	Location

Approximate Pollutant Reduction Resulting from each BMP

BMP Number	Pollutant	Reduction

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
Fish	3 Year Reporting Cycle
Stream Habitat	3 Year Reporting Cycle
Macroinvertebrates	3 Year Reporting Cycle
Water Quality	3 Year Reporting Cycle

Sediment Monitoring

Is sediment monitoring currently taking place? ☒ Yes ☐ No

If Yes, please describe the sediment sampling program.

DRSCW assesses sediment quality at 26 sites. Samples are analyzed for metals, polycyclic aromatic hydrocarbons, and pesticides

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.

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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)).

Brian D. Wagner
Authorized Representative Name

Utility Superintendent
Title

Brian D. Wagner
Authorized Representative Signature

9/1/2020
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.

