



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 Northfield MS4 #: ILR400405
Population (based on 2010 census): 5,420
2. MS4 Mailing Address: 361 Happ Road City: Northfield, IL Zip: 60093
3. Primary MS4 Contact Person (Authorized Representative for MS4 Permit)
Name: Eric Jordan Title: Supervisor
Phone: _____ Email Address: ejordan@northfieldil.org

General Information

4. Latitude and Longitude at approximate geographical center of MS4 for which you are requesting authorization to discharge:
Latitude: 42 06 12 Longitude: 87 46 40
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 |
|--------------|-----------------------|--------|
| Northfield | Northfield, New Trier | Cook |
-
7. Area of land within your MS4 in square miles: 3.21
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? |
|---|---|
| See attachment A | ☒ Yes ☐ No |
-

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

Causes: See Attachment A Source: _____

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

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: Patrick J. Glenn, P.E.

Title: Engineer

Phone: (847) 478-9700

Email: pglenn@gha-engineers.com

Area of Responsibility: Mapping, Regulation

Add a row

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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: _____ Frequency of each BMP program: _____

Qualifying Local Programs

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Measurable Goals (include shared responsibilities)

☒ **A.1 Distributed Paper Material**

Brief Description of BMP

Provide contact information on outreach publications to encourage residences to report environmental concern and distributes the "Make Your Home the Solution to Pollution" homeowner fact-sheet, adapted from the IEPA.

Measurable Goals, including frequencies

Distribute publications at take-away racks, outreach events, municipal newsletter (a bimonthly publication), various community events and at scheduled meetings with the general public.

Milestones

Year 1:

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Year 2:

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Year 3:

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Year 4:

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Year 5:

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Additional Info

BMP Number: _____

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☐ **A.2 Speaking Engagement**

☐ **A.3 Public Service Announcement**

☐ **A.4 Community Event**

☐ **A.5 Classroom Education Material**

☒ **A.6 Other Public Education**

Brief Description of BMP

The Village maintains a website that contains materials and resources related to stormwater management. The website includes a webpage that provides information about IEPA's NPDES Stormwater Program, information about the stormwater management program, including its SMPP, NOI, Permit, Annual Report and Green Practices, and links to a number of other stormwater management-related resources.

Additionally, the Village supports MWRD outreach events and publicizes recycling events.

Measurable Goals, including frequencies

Maintain and update the portion of the website dedicated to its stormwater management program, including link to

additional MS4 information and post SMPP, NOI and current Annual Report and previous 5 Annual Reports on the website.

Milestones

Year 1: Maintain and update website

Year 2: Maintain and update website

Year 3: Maintain and update website

Year 4: Maintain and update website

Year 5: Maintain and update website

Additional Info

BMP Number: _____

Add a row

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B. Public Participation/Involvement

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

Qualifying Local Programs

Measurable Goals (include shared responsibilities)

- ☐ B.1 Public Panel
- ☐ B.2 Educational Volunteer
- ☐ B.3 Stakeholder Meeting
- ☒ B.4 Public Hearing

Brief Description of BMP

Every year, the Village's Annual Report is presented to the Village Board at a public meeting.

Measurable Goals, including frequencies

Present at public meeting annually

Milestones

Year 1: Present Annual Report

Year 2: Present Annual Report

Year 3: Present Annual Report

Year 4: Present Annual Report

Year 5: Present Annual Report

Additional Info

BMP Number: _____

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☒ B.5 Volunteer Monitoring

Brief Description of BMP

The Village publicizes contact information which allows residents to report potential illicit discharges.

Measurable Goals, including frequencies

Log and investigate any reports from residents.

Milestones

Year 1: Publicize contact information

Year 2: Publicize contact information

Year 3: Publicize contact information

Year 4: Publicize contact information

Year 5: Publicize contact information

Additional Info

BMP Number: _____

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Add a row

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☒ B.6. Program Involvement

Brief Description of BMP

The Village participates in various stakeholder groups/meetings as applicable, including watershed groups and Municipal Advisory Council.

Measurable Goals, including frequencies

Participate in relevant stakeholder meetings

Milestones

Year 1: Participate in relevant stakeholder groups

Year 2: Participate in relevant stakeholder groups

Year 3: Participate in relevant stakeholder groups

Year 4: Participate in relevant stakeholder groups

Year 5: Participate in relevant stakeholder groups

Additional Info

BMP Number: _____

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Add a row

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☐ B.7 Other Public Involvement

C. Illicit Discharge Detection and Elimination

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

Qualifying Local Programs

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Measurable Goals (include shared responsibilities)

☒ C.1 Sewer Map Preparation

Brief Description of BMP

The Village updates the existing map of MS4 outfalls as needed

Measurable Goals, including frequencies

Review to ensure completeness

Milestones

Year 1: Prepare outfall map

Year 2: Prepare outfall map

Year 3: Prepare outfall map

Year 4: Prepare outfall map

Year 5: Prepare outfall map

Additional Info

BMP Number: _____

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Add a row

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☒ C.2 Regulatory Control Program

Brief Description of BMP

The Village adopted the MWRD Watershed Management Ordinance and the local IDDE Ordinance.

Measurable Goals, including frequencies

Support MWRD efforts, enforce Illicit Discharge Ordinance.

Milestones

Year 1: Take necessary steps for managing Illicit Discharges

Year 2: Take necessary steps for managing Illicit Discharges

Year 3: Take necessary steps for managing Illicit Discharges

Year 4: Take necessary steps for managing Illicit Discharges

Year 5: Take necessary steps for managing Illicit Discharges

Additional Info

BMP Number: _____

Add a row

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☐ C.3 Detection/Elimination Prioritization Plan

☒ C.4 Illicit Discharge Tracing Procedures

Brief Description of BMP

The Village permorms dry-weather inspections of outfalls and follows illicit discharge reporting and removal procedures as listed in the SMPP

Measurable Goals, including frequencies

Follow procedures listed in SMPP

Milestones

Year 1: Inspect for illicit discharges

Year 2: Inspect for illicit discharges

Year 3: Inspect for illicit discharges

Year 4: Inspect for illicit discharges

Year 5: Inspect for illicit discharges

Additional Info

BMP Number: _____

Add a row

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☒ C.5 Illicit Source Removal Procedures

Brief Description of BMP

The Village follows standards for removal of Illicit Discharges as listed in the SMPP and follows the 8 step procedure whenever Illicit Discharges are reported.

Measurable Goals, including frequencies

Milestones

Year 1:

Year 2:

Year 3:

Year 4:

Year 5:

Additional Info

BMP Number:

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- ☐ C.6 Program Evaluation and Assessment
- ☐ C.7 Visual Dry Weather Screening
- ☐ C.8 Pollutant Field Testing
- ☐ C.9 Public Notification
- ☐ C.10 Other Illicit Discharge Controls

D. Construction Site Runoff Control

Approximate date first implemented: Frequency of each BMP program:

Qualifying Local Programs

- ☒ D.1 Regulatory Control Program

Brief Description of BMP

Applicants submit forms and supporting documentation to the Village for review and comment and then a permit is issued which includes various ordinances regarding grading, soil erosion, sediment control.

Measurable Goals, including frequencies

Review and approve applications for development.

Milestones

Year 1: Review and approve applications once all requirements are met.

Year 2: Review and approve applications once all requirements are met.

Year 3: Review and approve applications once all requirements are met.

Year 4: Review and approve applications once all requirements are met.

Measurable Goals (include shared responsibilities)

Year 5: Review and approve applications once all requirements are met.

Additional Info

BMP Number: _____

Add a row

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☒ D.2 Erosion and Sediment Control BMPs

Brief Description of BMP

Development is subject to the provisions of the MWRD Watershed Management Ordinance (WMO). The Village's Municipal Code also contains provisions for review, permitting, inspection and enforcement of construction site runoff control. The provisions of the Municipal Code are required for any development within the Village limits. The Village follows their Inspection and Violation Notification Procedure to ensure compliance with the approved plan.

Measurable Goals, including frequencies

Enforce and review ordinances as needed

Milestones

Year 1: Enforce site runoff

Year 2: Enforce site runoff

Year 3: Enforce site runoff

Year 4: Enforce site runoff

Year 5: Enforce site runoff

Additional Info

BMP Number: _____

Add a row

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☐ D.3 Other Waste Control Program

☒ D.4 Site Plan Review Procedures

Brief Description of BMP

Review site plans for sufficient Soil Erosion/Sediment Control practices.

Measurable Goals, including frequencies

Zero construction site runoff incidents/complaints per year.

Milestones

Year 1: Review site plans

Year 2:	Review site plans
Year 3:	Review site plans
Year 4:	Review site plans
Year 5:	Review site plans

Additional Info

BMP Number: _____

Add a row

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☐ D.5 Public Information Handling Procedures

☒ D.6 Site Inspection/Enforcement Procedures

Brief Description of BMP

Continue to inspect construction sites for compliance with the Soil Erosion/Sediment Control measures on the permit plans.

Measurable Goals, including frequencies

Zero construction site runoff incidents/complaints per year.

Milestones

Year 1:	Enforce WDO regulations
Year 2:	Enforce WDO regulations
Year 3:	Enforce WDO regulations
Year 4:	Enforce WDO regulations
Year 5:	Enforce WDO regulations

Additional Info

BMP Number: _____

Add a row

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☐ D.7 Other Construction Site Runoff Controls

E. Post-Construction Runoff Control

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

Qualifying Local Programs

Measurable Goals (include shared responsibilities)

☒ E.1 Community Control Strategy

Brief Description of BMP

Encourage residents to implement watershed plan recommendations and evaluate the feasibility of implementing watershed plan recommendations (including stream and/or detention basin retrofits) as part of the Village's budgeting process, and periodic inspection of streambanks and detention pond shorelines for erosion.

Measurable Goals, including frequencies

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Milestones

Year 1:

Encourage residents to follow BMPs

Year 2:

Encourage residents to follow BMPs

Year 3:

Encourage residents to follow BMPs

Year 4:

Encourage residents to follow BMPs

Year 5:

Encourage residents to follow BMPs

Additional Info

BMP Number: _____

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Add a row

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☒ E.2 Regulatory Control Program

Brief Description of BMP

The Village complies with MWRD's enforcement of the WMO.

Measurable Goals, including frequencies

Assist MWRD in enforcement of WMO as applicable.

Milestones

Year 1:

Assist MWRD

Year 2:

Assist MWRD

Year 3:

Assist MWRD

Year 4:

Assist MWRD

Year 5:

Assist MWRD

Additional Info

BMP Number: _____

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Add a row

Delete last row

☒ E.3 Long Term O & M Procedures

Brief Description of BMP

The Village continues to enforce long-term O&M procedure requirements of Village Code.

Measurable Goals, including frequencies

Zero code violations per year.

Milestones

Year 1: Enforce Village code

Year 2: Enforce Village code

Year 3: Enforce Village code

Year 4: Enforce Village code

Year 5: Enforce Village code

Additional Info

BMP Number: _____

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Add a row

Delete last row

☒ E.4 Pre-Construction Review of BMP Designs

Brief Description of BMP

Continue to review plans for compliance with the post-construction runoff control requirements of the MWRDGC

Measurable Goals, including frequencies

Zero MWRDGC violations per year

Milestones

Year 1: Enforce MWRDGC regulations

Year 2: Enforce MWRDGC regulations

Year 3: Enforce MWRDGC regulations

Year 4: Enforce MWRDGC regulations

Year 5: Enforce MWRDGC regulations

Additional Info

BMP Number: _____

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Add a row

Delete last row

☒ E.5 Site Inspections During Construction

Brief Description of BMP

Continue to inspect construction sites for compliance with the post-construction runoff control requirements of the MWRDGC.

Measurable Goals, including frequencies

Zero MWRDGC violations per year

Milestones

Year 1: Enforce MWRDGC regulations

Year 2: Enforce MWRDGC regulations

Year 3: Enforce MWRDGC regulations

Year 4: Enforce MWRDGC regulations

Year 5: Enforce MWRDGC regulations

Additional Info

BMP Number: _____

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Add a row

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☒ E.6 Post-Construction Inspections

Brief Description of BMP

Continue to inspect completed construction for compliance with the post-construction runoff control requirements of the MWRDGC.

Measurable Goals, including frequencies

Zero MWRDGC violations per year

Milestones

Year 1: Enforce MWRDGC regulations

Year 2: Enforce MWRDGC regulations

Year 3: Enforce MWRDGC regulations

Year 4: Enforce MWRDGC regulations

Year 5:

Additional Info

BMP Number:

Add a row

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☐ E.7 Other Post-Construction Runoff Controls

F. Pollution Prevention/Good Housekeeping

Approximate date first implemented: Frequency of each BMP program:

Qualifying Local Programs

Measurable Goals (include shared responsibilities)

☒ F.1 Employee Training Program

Brief Description of BMP

Promote training opportunities by the MWRD and Lake County SMC to ensure relevant staff are trained in BMP for snow and ice removal and other relevant areas.

Measurable Goals, including frequencies

Train employees as necessary

Milestones

Year 1:

Year 2:

Year 3:

Year 4:

Year 5:

Additional Info

BMP Number:

Add a row

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☐ F.2 Inspection and Maintenance Program

☐ F.3 Municipal Operations Storm Water Control

☐ F.4 Municipal Operations Waste Disposal

☐ F.5 Flood Management/Assess Guidelines

☐ F.6 Other Municipal Operations Controls

BMPs Currently Implemented and Proposed

BMP Number	Location
BMP Number	Location
BMP Number	Location
BMP Number	Location

Add a row

Delete last row

Approximate Pollutant Reduction Resulting from each BMP

BMP Number	Pollutant	Reduction

Add a row

Delete last row

Instream Monitoring ProgramIs there an instream monitoring program currently in place? ☒ Yes ☐ NoIs an instream monitoring program currently being proposed? ☐ Yes ☒ No

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

Parameter	Frequency
Streambank inspection for erosion and other concerns	~20% per year

Add a row

Delete last row

Sediment MonitoringIs sediment monitoring currently taking place? ☒ Yes ☐ No

If Yes, please describe the sediment sampling program.

Detention basins within the Township are inspected on a 5 year cycle. Approximately 20% of detention basins are inspected annually, or 100% within 5 years.

Sample Monitoring of OutfallsIs sample monitoring of outfalls currently taking place? ☒ Yes ☐ No

If Yes, list locations, pollutant parameters, and frequency of sampling.

Location	Pollutant Parameter	Frequency of Sampling
See other monitoring		

Add a row

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Other Monitoring

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

The North Branch Watershed Workgroup (NBWW) monitors water quality in the North Branch Chicago River and tributaries to accurately identify the quality of the river ecosystems as well as stressors associated with non-attainment of water quality standards and designated uses. Each Annual Report will describe the extent of the NBWW monitoring efforts.

The Village completes inspections of high priority outfalls annually.

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.

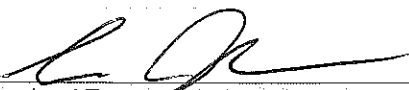
Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony (415 ILCS 5/44 (h)).

Eric Jordan

Authorized Representative Name

Supervisor

Title


Authorized Representative Signature

2-25-2021

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.

Attachment A

#	Name	Assessment Unit ID	Watershed	Basin Name	Impairment	Area (acres)
1	Skokie Lagoons	IL_RHJ	N/A	Great Lakes/Calumet	Phosphorus (Total), Total Suspended Solids	225
2	Chicago Botanic Garden	IL_RHJA	N/A	Great Lakes/Calumet	Phosphorus (Total)	60.6
3	Skokie River	IL_HCCD-01	Chicago River- North Branch	N/A	Fecal Coliform	N/A
4	Middle Fork North Branch Chicago River	IL_HCCC-02	Chicago River- North Branch	N/A	Chloride	N/A
5	North Branch Chicago River	IL_HCC-07	Chicago River- North Branch	N/A	Chloride	N/A