



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 Machesney Park MS4 #: ILR40 0221
Population (based on 2010 census): 23,499
2. MS4 Mailing Address: 300 Roosevelt Rd City: Machesney Park, IL Zip: 61115
3. Primary MS4 Contact Person (Authorized Representative for MS4 Permit)
Name: Chad Hunter Title: Superintendent of Public Works
Phone: 815-877-5432 Email Address: chadh@machesneypark.org

General Information

4. Latitude and Longitude at approximate geographical center of MS4 for which you are requesting authorization to discharge:

Latitude: 42 21 18 Longitude: 89 02 27
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
Village of Machesney Park	Harlem, Owen	Winnebago

7. Area of land within your MS4 in square miles: 13.005
8. Percent of MS4 served by combined sewer: 0 Percent of MS4 served by separate sewer: 30

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?
Rock River	<input checked="" type="radio"/> Yes <input type="radio"/> No
Willow Creek	<input checked="" type="radio"/> Yes <input type="radio"/> No

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

Causes: Polychlorinated biphenyls, Mercury, Phosphorus

Source: Urban runoff, other

- 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: _____ Title: _____

Phone: _____ Email: _____

Area of Responsibility: _____

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

N/A

Measurable Goals (include shared responsibilities)

☒ A.1 Distributed Paper Material

Brief Description of BMP

Storm water pamphlets and/or flyers available at Village Hall.

Measurable Goals, including frequencies

Maintain pamphlets and/or flyers at Village hall making them available to the public to promote awareness of using proper erosion control measures and protecting our waterways.

Milestones

Year 1: Maintain and update as needed a pamphlet and/or flyer related to stormwater pollution and/or NPDES Phase 2 make available to the public.

Year 2: Maintain and update as needed a pamphlet and/or flyer related to stormwater pollution and/or NPDES Phase 2 make available to the public.

Year 3: Maintain and update as needed a pamphlet and/or flyer related to stormwater pollution and/or NPDES Phase 2 make available to the public.

Year 4: Maintain and update as needed a pamphlet and/or flyer related to stormwater pollution and/or NPDES Phase 2 make available to the public.

Year 5: Maintain and update as needed a pamphlet and/or flyer related to stormwater pollution and/or NPDES Phase 2 make available to the public.

Additional Info

BMP Number: _____

☐ 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 will maintain and include information related to the NPDES Phase 2 program on the Village's website and regular articles in the Village's semi-annual newsletter.

Measurable Goals, including frequencies

Continue to update and refresh data and information posted in the Village's newsletter and website.

Milestones

- Year 1: The Village will continue to provide updated information to the public through its website and semi-annual newsletter related to stormwater pollution and educational information related to the NPDES Phase 2 program.
- Year 2: The Village will continue to provide updated information to the public through its website and semi-annual newsletter related to stormwater pollution and educational information related to the NPDES Phase 2 program.
- Year 3: The Village will continue to provide updated information to the public through its website and semi-annual newsletter related to stormwater pollution and educational information related to the NPDES Phase 2 program.
- Year 4: The Village will continue to provide updated information to the public through its website and semi-annual newsletter related to stormwater pollution and educational information related to the NPDES Phase 2 program.
- Year 5: The Village will continue to provide updated information to the public through its website and semi-annual newsletter related to stormwater pollution and educational information related to the NPDES Phase 2 program.

Additional Info

BMP Number: _____

B. Public Participation/Involvement

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

Qualifying Local Programs

N/A

Measurable Goals (include shared responsibilities)

☐ B.2 Educational Volunteer

☐ B.3 Stakeholder Meeting

☐ B.4 Public Hearing

☐ B.5 Volunteer Monitoring

☒ B.6. Program Involvement

Brief Description of BMP

The Village will provide continued support for "Keep Illinois Beautiful (KNIB)" clean up events.

Measurable Goals, including frequencies

The Village will continue to support, advertise and assist KNIB in local programs to promote Village cleanups events and proper recycling and disposal events.

Milestones

Year 1: Advertise and support local clean up events through KNIB.

Year 2: Advertise and support local clean up events through KNIB.

Year 3: Advertise and support local clean up events through KNIB.

Year 4: Advertise and support local clean up events through KNIB.

Year 5:

Additional Info

BMP Number: _____

☐ B.7 Other Public Involvement

C. Illicit Discharge Detection and Elimination

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

Qualifying Local Programs

N/A

Measurable Goals (include shared responsibilities)

☒ C.1 Sewer Map Preparation

Brief Description of BMP

Maintain an updated community storm sewer map.

Measurable Goals, including frequencies

Update storm sewer map annually and conduct site visits to fill in areas where information was limited.

Milestones

Year 1: Maintain and update maps as needed.

Year 2: Maintain and update maps as needed.

Year 3: Maintain and update maps as needed.

Year 4: Maintain and update maps as needed.

Year 5: Maintain and update maps as needed.

Additional Info

BMP Number: _____

☒ C.2 Regulatory Control Program

Brief Description of BMP

Maintain and enforce existing ordinances to prohibit non-stormwater discharges to the MS4.

Measurable Goals, including frequencies

Continue enforcement, review, maintain and update illicit discharge detection and elimination (IDDE) ordinance as needed.

Milestones

Year 1: Enforce IDDE ordinance and conduct field observations of outfalls and receiving waters.

Year 2: Enforce IDDE ordinance and conduct field observations of outfalls and receiving waters.

Year 3: Enforce IDDE ordinance and conduct field observations of outfalls and receiving waters.

Year 4: Enforce IDDE ordinance and conduct field observations of outfalls and receiving waters.

Year 5: Enforce IDDE ordinance and conduct field observations of outfalls and receiving waters.

Additional Info

BMP Number: _____

☒ C.3 Detection/Elimination Prioritization Plan

Brief Description of BMP

Utilize land use maps to determine where illicit discharges have the higher probability of occurring and identify on map. of

Measurable Goals, including frequencies

Update base map to include areas where greatest areas of concern may be for illicit discharges to occur. Identify watershed boundaries and areas such as auto repairs, junk yards and industrial areas may be for the greatest potential of pollutant discharge.

Milestones

Year 1: Continue to update base map showing outfalls, receiving waters and approximate location on watershed boundaries and identify areas of greatest concern for pollutants.

Year 2: Continue to update base map showing outfalls, receiving waters and approximate location on watershed boundaries and identify areas of greatest concern for pollutants.

Year 3: Continue to update base map showing outfalls, receiving waters and approximate location on watershed boundaries and identify areas of greatest concern for pollutants.

Year 4: Continue to update base map showing outfalls, receiving waters and approximate location on watershed boundaries and identify areas of greatest concern for pollutants.

Year 5: Continue to update base map showing outfalls, receiving waters and approximate location on watershed boundaries and identify areas of greatest concern for pollutants.

Additional Info

BMP Number: _____

☒ C.4 Illicit Discharge Tracing Procedures

Brief Description of BMP

Create a set of procedures to trace the source of any reported or discovered illicit discharge.

Measurable Goals, including frequencies

Develop a plan of action procedure for how to respond to a report of an observed or suspected illicit discharge. The procedure shall have a method for public complaint and how to respond to the complaint.

Milestones

Year 1: Create procedure for tracing complaints of illicit discharge and a method for the public to report illicit discharges.

Year 2: Implement new procedure and public complaint form.

Year 3: Implement new procedure and public complaint form.

Year 4: Implement new procedure and public complaint form.

Year 5: Implement new procedure and public complaint form.

Additional Info

BMP Number: _____

☒ C.5 Illicit Source Removal Procedures

Brief Description of BMP

Develop a procedure for removing the source of illicit discharge.

Measurable Goals, including frequencies

A written procedure will be prepared in conjunction with the IDDE ordinance and tracing procedures. The procedure will include methods for proper removal of illicit discharges including methods for obtaining compliance from private property owners.

Milestones

Year 1: Review examples of removal procedures through research.

Year 2: Prepare a draft of illicit discharge removal procedures.

Year 3: Adopt new illicit discharge removal procedures.

Year 4: Implement new procedures.

Year 5: Implement new procedures.

Additional Info

BMP Number: _____

☐ C.6 Program Evaluation and Assessment

☒ C.7 Visual Dry Weather Screening

Brief Description of BMP

Trained Village staff will make scheduled inspections of all known stormsewer outfalls during times of dry weather keeping a record of all visits and results.

Measurable Goals, including frequencies

Village staff shall make regular visits to known outfall locations and identify any areas of illicit discharge.

Milestones

Year 1: Conduct field observations of outfalls keeping record of visits and any illicit discharge.

Year 2: Conduct field observations of outfalls keeping record of visits and any illicit discharge.

Year 3: Conduct field observations of outfalls keeping record of visits and any illicit discharge.

Year 4: Conduct field observations of outfalls keeping record of visits and any illicit discharge.

Year 5: Conduct field observations of outfalls keeping record of visits and any illicit discharge.

Additional Info

BMP Number: _____

- ☐ 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

N/A

Measurable Goals (include shared responsibilities)

- ☒ D.1 Regulatory Control Program

Brief Description of BMP

Maintain a regulatory development ordinance pertaining to construction site stormwater runoff control.

Measurable Goals, including frequencies

Maintain a regulatory development ordinance that will provide significant protections for natural stormwater resources, floodplains, wetlands and erosion and sediment control.

Milestones

Year 1: Enforce ordinance

Year 2: Enforce ordinance

Year 3: Enforce ordinance

Year 4: Enforce ordinance

Year 5: Enforce ordinance

Additional Info

BMP Number: _____

- ☒ D.2 Erosion and Sediment Control BMPs

Brief Description of BMP

Maintain and enforce the regulatory development ordinance pertaining to stormwater runoff control, specifically erosion and sediment control.

Measurable Goals, including frequencies

Maintain and enforce the regulatory development ordinance and update as needed.

Milestones

Year 1: Maintain and enforce ordinance

Year 2: Maintain and enforce ordinance

Year 3: Maintain and enforce ordinance

Year 4: Maintain and enforce ordinance

Year 5: Maintain and enforce ordinance

Additional Info

BMP Number: _____

☒ D.3 Other Waste Control Program

Brief Description of BMP

Maintain regulatory ordinance that pertains to construction site waste.

Measurable Goals, including frequencies

Chapter 8 1/2 and chapter 14 article 2 of the Village code provides for provisions for control for all waste materials.

Milestones

Year 1: Enforce ordinance through site plan reviews and site inspections.

Year 2: Enforce ordinance through site plan reviews and site inspections.

Year 3: Enforce ordinance through site plan reviews and site inspections.

Year 4: Enforce ordinance through site plan reviews and site inspections.

Year 5: Enforce ordinance through site plan reviews and site inspections.

Additional Info

BMP Number: _____

☒ D.4 Site Plan Review Procedures

Brief Description of BMP

Maintain existing procedures requiring either an engineer or trained Village staff to review all construction plans for

appropriate runoff control measures.

Measurable Goals, including frequencies

Continue to review construction site plans for BMP's and for construction site erosion and sediment control measures.

Milestones

Year 1: Continue to review construction site plans for compliance with NPDES Phase 2 requirements.

Year 2: Continue to review construction site plans for compliance with NPDES Phase 2 requirements.

Year 3: Continue to review construction site plans for compliance with NPDES Phase 2 requirements.

Year 4: Continue to review construction site plans for compliance with NPDES Phase 2 requirements.

Year 5: Continue to review construction site plans for compliance with NPDES Phase 2 requirements.

Additional Info

BMP Number: _____

☐ D.5 Public Information Handling Procedures

☐ D.6 Site Inspection/Enforcement Procedures

☐ D.7 Other Construction Site Runoff Controls

E. Post-Construction Runoff Control

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

Qualifying Local Programs

N/A

Measurable Goals (include shared responsibilities)

☐ E.1 Community Control Strategy

☒ E.2 Regulatory Control Program

Brief Description of BMP

Develop a regulatory development ordinance pertaining to post-construction site stormwater runoff controls.

Measurable Goals, including frequencies

Create and adopt a regulatory development ordinance that will provide significant protections for natural stormwater resources, floodplains, wetlands and erosion and sediment control.

Milestones

Year 1: Research available model ordinances from the EPA and surrounding communities for examples.

Year 2: Draft and adopt ordinance.

Year 3: Draft and adopt ordinance.

Year 4: Enforce ordinance

Year 5: Enforce ordinance.

Additional Info

BMP Number: _____

☒ E.3 Long Term O & M Procedures

Brief Description of BMP

The Village will develop procedures to ensure that developers plan to complete required maintenance of their developments.

Measurable Goals, including frequencies

Modify existing ordinances to require developers to plan and perform long term O&M.

Milestones

Year 1: Research available model ordinances from the EPA and surrounding communities for examples.

Year 2: Draft and adopt ordinance.

Year 3: Draft and adopt ordinance.

Year 4: Enforce new ordinance.

Year 5: Enforce new ordinance.

Additional Info

BMP Number: _____

☐ E.4 Pre-Construction Review of BMP Designs

☐ E.5 Site Inspections During Construction

☐ E.6 Post-Construction Inspections

☐ E.7 Other Post-Construction Runoff Controls

F. Pollution Prevention/Good Housekeeping

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

Qualifying Local Programs

N/A

☒ F.1 Employee Training Program

Brief Description of BMP

Continue program to train all relevant municipal employees with Illicit Discharge Detection and Elimination training.

Measurable Goals, including frequencies

The Village continue to train all relevant employees with programs to properly equip them with the knowledge to perform inspections of existing and new developments.

Measurable Goals (include shared responsibilities)

Milestones

- Year 1: Yearly training for employees in relevant positions for enforcement of the Village's ordinances. Keep a record of all trainings and certificates earned by each staff member.
- Year 2: Yearly training for employees in relevant positions for enforcement of the Village's ordinances. Keep a record of all trainings and certificates earned by each staff member.
- Year 3: Yearly training for employees in relevant positions for enforcement of the Village's ordinances. Keep a record of all trainings and certificates earned by each staff member.
- Year 4: Yearly training for employees in relevant positions for enforcement of the Village's ordinances. Keep a record of all trainings and certificates earned by each staff member.
- Year 5: Yearly training for employees in relevant positions for enforcement of the Village's ordinances. Keep a record of all trainings and certificates earned by each staff member.

Additional Info

BMP Number: _____

☒ F.2 Inspection and Maintenance Program

Brief Description of BMP

The Village will continue its O&M programs to address the maintenance needs of municipal properties and equipment.

Measurable Goals, including frequencies

The Village will continue proper maintenance activities for all municipal properties such as Village owned buildings, parks and other open space to insure proper waste disposal and prevention of hazardous material spills.

Milestones

- Year 1: Continue regular maintenance of all Village facilities and equipment.
- Year 2: Continue regular maintenance of all Village facilities and equipment.
- Year 3: Continue regular maintenance of all Village facilities and equipment.
- Year 4: Continue regular maintenance of all Village facilities and equipment.
- Year 5: Continue regular maintenance of all Village facilities and equipment.

Additional Info

BMP Number: _____

☒ F.3 Municipal Operations Storm Water Control

Brief Description of BMP

The Village will continue to maintain its inspection and maintenance program.

Measurable Goals, including frequencies

Maintain storm water controls for all municipal properties and activities making sure all activities are properly protected and any waste materials are properly disposed of.

Milestones

Year 1: Maintain and update program as needed.

Year 2: Maintain and update program as needed.

Year 3: Maintain and update program as needed.

Year 4: Maintain and update program as needed.

Year 5: Maintain and update program as needed.

Additional Info

BMP Number: _____

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☒ F.4 Municipal Operations Waste Disposal

Brief Description of BMP

The Village will maintain a program for proper disposal of municipal operations waste.

Measurable Goals, including frequencies

Maintain a program for proper removal and disposal of waste from all municipal properties such as facilities, parks and other Village owned land.

Milestones

Year 1: Maintain program

Year 2: Maintain program

Year 3: Maintain program

Year 4: Maintain program

Year 5: Maintain program

Additional Info

BMP Number: _____

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☐ F.5 Flood Management/Assess Guidelines

☐ F.6 Other Municipal Operations Controls

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

Sediment Monitoring

Is sediment monitoring currently taking place? ☐ Yes ☒ No

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)).

Chad Hunter

Authorized Representative Name

Superintendent of Public Works

Title

Authorized Representative Signature

Date

3-18-2021

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.