



# 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 Algonquin MS4 #: ILR40400278  
Population (based on 2010 census): 30,046
2. MS4 Mailing Address: 2200 Harnish Dr City: Algonquin, IL Zip: 60102
3. Primary MS4 Contact Person (Authorized Representative for MS4 Permit)  
Name: Michele Zimmerman Title: Assistant Public Works Director  
Phone: 847-658-2754 Email Address: mzimmerman@algonquin.org

### General Information

4. Latitude and Longitude at approximate geographical center of MS4 for which you are requesting authorization to discharge:  
Latitude: 42 9 27.60 Longitude: -88 18 5.40  
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       |
|----------------------|------------------|--------------|
| Village of Algonquin | Algonquin/Dundee | Kane/McHenry |
7. Area of land within your MS4 in square miles: 12.5
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?
Fox River	<input checked="" type="radio"/> Yes <input type="radio"/> No

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

Causes: phosphorous, TSS, sediment

Source: fertilizers, erosion

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: Bob Mitchard Title: Public Works Director  
Phone: 847-658-2754 Email: bobmitchard@algonquin.org  
Area of Responsibility: Same as primary contact

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: 2002 Frequency of each BMP program: Yearly

Qualifying Local Programs

N/A

Measurable Goals (include shared responsibilities)

☒ A.1 Distributed Paper Material

Brief Description of BMP

The Village produces its own Village calendar each year. One month is dedicated to stormwater education and information

Measurable Goals, including frequencies

11,000 calendars sent to each household and business within the MS4 once per year

Milestones

Year 1: Send calendar to all household and business

Year 2: Send calendar to all household and business

Year 3: Send calendar to all household and business

Year 4: Send calendar to all household and business

Year 5: Send calendar to all household and business

Additional Info

BMP Number: 1

☐ 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 spring Village e-newsletter contains an article on stormwater education

Measurable Goals, including frequencies

2,500 spring newsletters sent to subscribers e-mail once per year

Milestones

Year 1: Publish stormwater article in spring e-newsletter

Year 2: Publish stormwater article in spring e-newsletter

Year 3: Publish stormwater article in spring e-newsletter

Year 4: Publish stormwater article in spring e-newsletter

Year 5: Publish stormwater article in spring e-newsletter

Additional Info

BMP Number: 2

## B. Public Participation/Involvement

Approximate date first implemented: 2002 Frequency of each BMP program: 2 times per month

Qualifying Local Programs

N/A

Measurable Goals (include shared responsibilities)

☐ B.2 Educational Volunteer

☒ B.3 Stakeholder Meeting

Brief Description of BMP

The Village board meets bi-monthly in an open public meeting to discuss Village business. Many times the agenda involves stormwater management and water quality for public works and developer projects. Meetings are publicized in local newspapers, social media, and the Village website. These are open to the public for citizen comment and input.

Measurable Goals, including frequencies

Monitor public comments on projects 2 times per month

Milestones

Year 1: Bring all projects and stormwater regulations to the Board in an open meeting so the public can comment

Year 2: Bring all projects and stormwater regulations to the Board in an open meeting so the public can comment

Year 3: Bring all projects and stormwater regulations to the Board in an open meeting so the public can comment

Year 4: Bring all projects and stormwater regulations to the Board in an open meeting so the public can comment

Year 5: Bring all projects and stormwater regulations to the Board in an open meeting so the public can comment

Additional Info

BMP Number: 3

☐ B.4 Public Hearing

☐ B.5 Volunteer Monitoring

- ☐ B.6. Program Involvement
- ☐ B.7 Other Public Involvement

**C. Illicit Discharge Detection and Elimination**

Approximate date first implemented: 2002 Frequency of each BMP program: On going

**Qualifying Local Programs**

N/A

**Measurable Goals (include shared responsibilities)**

☒ **C.1 Sewer Map Preparation**

**Brief Description of BMP**

GIS map of all stormwater mains and structures is complete. BMP is to continually maintain and update the database and information

**Measurable Goals, including frequencies**

Up to date map of Village stormwater system. Updates are on going constantly by addition of new development and public works projects that fix the stormsewer

**Milestones**

- Year 1: Keep GIS stormwater system map up to date
- Year 2: Keep GIS stormwater system map up to date
- Year 3: Keep GIS stormwater system map up to date
- Year 4: Keep GIS stormwater system map up to date
- Year 5: Keep GIS stormwater system map up to date

**Additional Info**

BMP Number: 4

- ☐ C.2 Regulatory Control Program
- ☐ C.3 Detection/Elimination Prioritization Plan
- ☐ C.4 Illicit Discharge Tracing Procedures
- ☐ C.5 Illicit Source Removal Procedures
- ☐ 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: 2002

Frequency of each BMP program: As needed

##### Qualifying Local Programs

N/A

##### Measurable Goals (include shared responsibilities)

###### ☒ D.1 Regulatory Control Program

##### Brief Description of BMP

The Village has adopted the Kane County Stormwater Ordinance which has strict regulations that we follow regarding stormwater on construction sites.

##### Measurable Goals, including frequencies

Keep polluted stormwater from leaving construction sites on all active projects

##### Milestones

Year 1: Follow the Kane County Stormwater Ordinance construction site regulations

Year 2: Follow the Kane County Stormwater Ordinance construction site regulations

Year 3: Follow the Kane County Stormwater Ordinance construction site regulations

Year 4: Follow the Kane County Stormwater Ordinance construction site regulations

Year 5: Follow the Kane County Stormwater Ordinance construction site regulations

##### Additional Info

BMP Number: 5

###### ☒ D.2 Erosion and Sediment Control BMPs

##### Brief Description of BMP

The Village has adopted the Kane County Stormwater Ordinance which has strict regulations that we follow regarding erosion and sediment control BMP's during construction

##### Measurable Goals, including frequencies

Keep soil and sediment from leaving construction sites on all active projects

##### Milestones

Year 1: Follow the Kane County Stormwater Ordinance construction site soil erosion and sediment control BMP's

Year 2: Follow the Kane County Stormwater Ordinance construction site soil erosion and sediment control BMP's

Year 3: Follow the Kane County Stormwater Ordinance construction site soil erosion and sediment control BMP's

Year 4: Follow the Kane County Stormwater Ordinance construction site soil erosion and sediment control BMP's

Year 5: Follow the Kane County Stormwater Ordinance construction site soil erosion and sediment control BMP's

##### Additional Info

BMP Number: 6 \_\_\_\_\_

☐ D.3 Other Waste Control Program

☒ D.4 Site Plan Review Procedures

**Brief Description of BMP**

Village has a procedure for public works to review all site plans for development and construction projects. Part of this review is an extensive look at the stormwater infrastructure being proposed, it's compliance with the Kane County Stormwater Ordinance and an approves SWPPP as part of each plan. Projects cannot begin until this is verified and the contractor receives a site development permit from the Village.

**Measurable Goals, including frequencies**

Keep soil and sediment from leaving construction sites on all active projects

**Milestones**

Year 1: Review all development and construction plans for SWPPP and stormwater compliance before issuing a site development permit

Year 2: Review all development and construction plans for SWPPP and stormwater compliance before issuing a site development permit

Year 3: Review all development and construction plans for SWPPP and stormwater compliance before issuing a site development permit

Year 4: Review all development and construction plans for SWPPP and stormwater compliance before issuing a site development permit

Year 5: Review all development and construction plans for SWPPP and stormwater compliance before issuing a site development permit

**Additional Info**

BMP Number: 7 \_\_\_\_\_

☐ 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: 2002 \_\_\_\_\_ Frequency of each BMP program: As needed \_\_\_\_\_

**Qualifying Local Programs**

**Measurable Goals (include shared responsibilities)**

☐ E.1 Community Control Strategy

☒ E.2 Regulatory Control Program

**Brief Description of BMP**

The Village has adopted the Kane County Stormwater Ordinance which has strict regulations that we follow regarding post construction stormwater on construction sites.

**Measurable Goals, including frequencies**

Keep post construction conditions and BMP's in good working order

**Milestones**

Year 1: Follow the Kane County Stormwater Ordinance on post construction site soil erosion and sediment control BMP's

Year 2: Follow the Kane County Stormwater Ordinance on post construction site soil erosion and sediment control BMP's

Year 3: Follow the Kane County Stormwater Ordinance on post construction site soil erosion and sediment control BMP's

Year 4: Follow the Kane County Stormwater Ordinance on post construction site soil erosion and sediment control BMP's

Year 5: Follow the Kane County Stormwater Ordinance on post construction site soil erosion and sediment control BMP's

**Additional Info**

BMP Number: 8

☐ E.3 Long Term O & M Procedures

☒ E.4 Pre-Construction Review of BMP Designs

**Brief Description of BMP**

Review and approve all stormwater BMP's proposed for public works projects and new development per the Village's Subdivision Ordinance. Village has a procedure for public works to review all site plans for development and construction projects. Part of this review is an extensive look at the stormwater infrastructure being proposed, it's compliance with the Kane County Stormwater Ordinance and an approves SWPPP as part of each plan. Projects cannot begin until this is verified and the contractor receives a site development permit from the Village.

**Measurable Goals, including frequencies**

Pre-construction review makes sure the proper BMP's are installed per our subdivision ordinance

**Milestones**

Year 1: Review and approve all BMP's designs prior to construction

Year 2: Review and approve all BMP's designs prior to construction

Year 3: Review and approve all BMP's designs prior to construction

Year 4: Review and approve all BMP's designs prior to construction

Year 5: Review and approve all BMP's designs prior to construction

**Additional Info**

BMP Number: 9

- ☐ 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: 2002 Frequency of each BMP program: Yearly

**Qualifying Local Programs**

Measurable Goals (include shared responsibilities)

- ☐ F.1 Employee Training Program
- ☒ F.2 Inspection and Maintenance Program

**Brief Description of BMP**

One fifth of the stormwater structures are inspected and cleaned of sediment and debris each year. Green infrastructure network is perpetually maintained each year by an ecological contractor

**Measurable Goals, including frequencies**

200 storm structures cleaned per year and approximately 15 are fixed each year. Approximately 250 acres of green infrastructure in professionally maintained each year

**Milestones**

Year 1: Inspect, clean and fix storm water structures, maintain all restored green infrastructure

Year 2: Inspect, clean and fix storm water structures, maintain all restored green infrastructure

Year 3: Inspect, clean and fix storm water structures, maintain all restored green infrastructure

Year 4: Inspect, clean and fix storm water structures, maintain all restored green infrastructure

Year 5: Inspect, clean and fix storm water structures, maintain all restored green infrastructure

**Additional Info**

BMP Number: 10

- ☐ 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

BMP Number	Location
1	Village of Algonquin

**BMPs Currently Implemented and Proposed**

BMP Number	Location
2	Village of Algonquin
3	Village of Algonquin
4	Village of Algonquin
5	Village of Algonquin
6	Village of Algonquin
7	Village of Algonquin
8	Village of Algonquin
9	Village of Algonquin
10	Village of Algonquin

**Approximate Pollutant Reduction Resulting from each BMP**

BMP Number	Pollutant	Reduction
1	Phosphorous, sediment, TSS	Unknown
2	Phosphorous, sediment, TSS	Unknown
3	Phosphorous, sediment, TSS	Unknown
4	Sediment, TSS	Unknown
5	Sediment, TSS	Varies depending on projects
6	Sediment, TSS	Varies depending on projects
7	Sediment, TSS	Varies depending on projects
8	Phosphorous, sediment, TSS	Varies depending on BMP's
9	Phosphorous, sediment, TSS	Varies depending on BMP's
10	Sediment	150 Yards

**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.

N/A

### 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)).

Michele Zimmerman

Authorized Representative Name

Assistant Public Works Director

Title



Authorized Representative Signature

5/14/21  
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.