

**ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
 NOTICE OF INTENT FOR NEW OR RENEWAL OF
 GENERAL PERMIT FOR DISCHARGES FROM
 SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS
 (MS4s)**

Input forms in Word format are available via email.
terri.lemasters@illinois.gov
 or by calling the Permit Section at 217/782-0610
 See address for mailing on page 4

For Office Use Only – Permit No. ILR40_____

Part I. General Information

1. MS4 Operator Name: Village of Algonquin

2. MS4 Operator Mailing Address:

Street: 2200 Harnish Drive City: Algonquin State: Illinois Zip Code: 60102

3. Operator Type: Village

4. Operator Status: Local

5. Name(s) of Governmental Entity(ies) in which MS4 is located: Village of Algonquin

6. Area of land that drains to your MS4 (in square miles): 11

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

Latitude: 42 9 00 Longitude: 88 19 00
DEG. MIN. SEC. DEG. MIN. SEC.

8. Name(s) of known receiving waters: *Attach additional sheets (Attachment 1) as necessary:*

- | | |
|-------------------------|-----------|
| 1. <u>Ratt Creek</u> | 2. _____ |
| 3. <u>Crystal Creek</u> | 4. _____ |
| 5. <u>Woods Creek</u> | 6. _____ |
| 7. <u>Fox River</u> | 8. _____ |
| 9. _____ | 10. _____ |

9. Persons Responsible for Implementation/Coordination of Storm Water Management Program:

<u>Name</u>	<u>Title</u>	<u>Telephone No.</u>	<u>Area of Responsibility</u>
<u>Tim Schloneger</u>	<u>Village Manager</u>	<u>847-658-2700</u>	<u>Administrator of Ordinance</u>
<u>Michele Zimmerman</u>	<u>Asst PW Director</u>	<u>847-658-2754</u>	<u>NPDES Phase II, PW Operations</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

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.

Part II. Best Management Practices (include shared responsibilities) which has been implemented in the MS4 area or proposed to be implemented

(Details of BMP implementation for each checked BMP number, e.g., A.1, E.2, is required in Part IV of this NOI.)

A. Public Education and Outreach

- A.1 Distributed Paper Material
- A.2 Speaking Engagement
- A.3 Public Service Announcement
- A.4 Community Event
- A.5 Classroom Education Material
- A.6 Other Public Education

B. Public Participation/Involvement

- B.1 Public Panel
- B.2 Educational Volunteer
- B.3 Stakeholder Meeting
- B.4 Public Hearing
- B.5 Volunteer Monitoring
- B.6 Program Coordination
- B.7 Other Public Involvement

C. Illicit Discharge Detection and Elimination

- C.1 Storm Sewer Map Preparation
- 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

- D.1 Regulatory Control Program
- D.2 Erosion and Sediment Control BMPs
- D.3 Other Waste Control Program
- D.4 Site Plan Review Procedures
- D.5 Public Information Handling Procedures
- D.6 Site Inspection/Enforcement Procedures
- D.7 Other Construction Site Runoff Controls

E. Post-Construction Runoff Control

- E.1 Community Control Strategy
- E.2 Regulatory Control Program
- E.3 Long Term O&M Procedures
- E.4 Pre-Const Review of BMP Designs
- E.5 Site Inspections During Construction
- E.6 Post-Construction Inspections
- E.7 Other Post-Const Runoff Controls

F. Pollution Prevention/Good Housekeeping

- F.1 Employee Training Program
- F.2 Inspection and Maintenance Program
- F.3 Muni Operations Storm Water Control
- F.4 Municipal Operations Waste Disposal
- F.5 Flood Management/Assess Guidelines
- F.6 Other Municipal Operations Controls

Part III. Qualifying Local Programs

Attach additional sheets (Attachment 2) as necessary:

(Describe any qualifying local programs that your MS4 has implemented or will propose to implement)

1. Public Education and Outreach:

From 2013-2018, the Village of Algonquin has successfully implemented these existing programs and plans to continue these programs through the next permit cycle.

The following activities are qualifying local programs under the Public Education and Outreach Control Measure.

BMP A.1 – Distributed Paper Material

Village Newsletter/Water Bill Insert: Stormwater Pollution

Since 2008 the Village of Algonquin prints and distributes, to every household and business, an educational brochure on stormwater runoff and pollution. These are distributed every spring via an insert in the water bill. The names of the brochures are “Make Your Home the Solution to Stormwater Pollution” and “Stormwater Best Management Practices Start at Home.” The Village worked with the EPA and the Kane County Environmental Management Division to come up with appropriate material that would target homeowner’s and businesses. We will continue to put these types of articles in the newsletter.

BMP A.1 – Distributed Paper Material

e-Newsletter: Stormwater Pollution

Since 2009 the Village began sending out an e-newsletter to residents who have signed up for this service. The spring edition of the newsletter focuses on Village stormwater programs, natural areas and their relation to stormwater, and Village projects to protect water quality. The Village will continue to send this electronic media to all Village residents and businesses through the next five year permit cycle.

BMP A.1 – Distributed Paper Material

Calendar Annual Report: Stormwater, Soil Erosion and Natural Areas

As part of our yearly annual report to residents, the Village publishes a calendar that is distributed to all residents. Each year, there is a month in the calendar that is dedicated to stormwater, water quality, wetlands, etc and how these all tie together with NPDES Phase II. We will continue to focus a part of the calendar on stormwater throughout the next 5 year permit period.

BMP A.4 – Community Event

Conservation Community/It’s Our River Day

Since 2008, the Village hosts this event every fall. This is held in a park area adjacent to the Fox River and Crystal Creek. This event focuses on the environment and includes topics, demonstrations and hand outs on water quality, stormwater, natural area preservation and pollution prevention. The Village will continue to host this event.

2. Public Participation/Involvement:

From 2013-2018 The Village of Algonquin successfully implemented the programs below and plans to continue all of these programs through 2019. The Public Works Department oversees the public involvement programs and makes them available to residents within the Village.

BMP B.3 – Stakeholder Meeting

Public Meetings – Village Board

The Village Board meets bi-monthly at the Village Hall to discuss Village Business. Many times the agenda involves stormwater management issues including water quality. Meetings are publicized in local newspapers and are open to the public for citizen input. Recent stormwater issues that have come before the Board at public meetings are the passing of a Natural Areas Protection Ordinance, updating of the Village's comprehensive plan to include these natural areas and plan for special stormwater management in areas of future development, and approval of a contract for illicit discharge monitoring. Board meeting will continue on this schedule through the next five year permit cycle.

BMP B.7 – Other Public Involvement

e-Waste Collection Program

The Village hosts 2 household e-waste collection days annually. These are designed to keep residents from fly dumping since these types of items are no longer allowed to be put into the regular trash stream. Thus, it keeps electronic contaminants from entering the environment. We notify the Village residents of these programs via the water bill, our newsletter and the Village website. We will continue this through the next permit cycle.

3. Illicit Discharge Detection and Elimination:

From 2013-2018, the Village successfully carried out the following qualifying local programs to meet the listed requirements under this control measure. The Village of Algonquin will continue all of these programs through the next permit cycle.

BMP C.1 – Storm Sewer Map Preparation

Stormwater System Mapping

The Village of Algonquin has been preparing a GIS map including the location and size of all Village owned stormwater pipes, manholes and outflow structures to receiving streams in the municipality. We are continuing data collection on this map and continue to update it as new storm structures are installed or identified.

BMP C.3 – Detection/Elimination Prioritization Plan

Illicit Discharge Detection Program

In 2014, the Village is currently undergoing a study to update our Facilities Plan which also looks at illicit discharges into the sanitary and stormwater systems. From this study, the Village will perform field testing for illicit discharges. During the next permit period, we will decide how these connections will be handled and eliminated.

BMP C.10 – Other Illicit Discharge Controls

Educational Outreach – Storm Drain Information

In 2004 the Village changed its specification of storm sewer inlets requiring that every structure have a logo cast into it with a slogan of “Do Not Dump – Drains to River” This is now used in all new developments and public works projects as well as put in place when we do an in-house repair.

4. Construction Site Runoff Control:

From 2013-2018 the Village of Algonquin successfully carried out the following qualifying local program to meet the listed requirements under this control measure. Algonquin will continue this program through 2019.

BMP D.1 – Regulatory Control Program

Kane County Stormwater Management Ordinance

In 2002 the Village of Algonquin adopted the Kane County Stormwater Management Ordinance. This ordinance regulates construction site and post development stormwater run off. The Village enforces this ordinance throughout the entire community and we are a certified community under the provisions of the ordinance. The Kane County Stormwater Management Ordinance addresses all requirements of the construction site run off control measure.

5. Post-Construction Runoff Control:

From 2013-2018 the Village of Algonquin successfully carried out the following qualifying local program to meet the listed requirements under this control measure. Algonquin will continue this program through 2019.

BMP E.2 – Regulatory Control Program

Kane County Stormwater Management Ordinance

In 2002 the Village of Algonquin adopted the Kane County Stormwater Management Ordinance. This ordinance regulates construction site and post development stormwater run off. The Village enforces this ordinance throughout the entire community and we are a certified community under the provisions of the ordinance. The Kane County Stormwater Management Ordinance addresses all requirements of the construction site run off control measure.

6. Pollution Prevention/Good Housekeeping:

BMP F.2 – Inspection and Maintenance Program

Cleaning and Inspection of Storm Structures

The public works department is on a continuous cycle of visually inspecting and cleaning all of the storm sewer structures and outfalls that are owned by the Village. Cleaning and inspection removes floatable, leaves, and other debris so it is not carried downstream by the stormwater run off. It also prevents flooding situation from debris blocking the stormwater flow. We inspect and clean about 1/3 of our structures every year and will continue this cycle through the next permit period.

BMP F.2 – Inspection and Maintenance Program

Parking Lot and Street Cleaning

In order to minimize pollutant export from parking lots and streets, the Village will perform street and parking lot sweeping operations on Village properties and ROW's.

BMP F.3 – Municipal Operations Storm Water Control

Road Salt Application and Storage

Salt is stored indoors throughout the year to minimize concentrated salt washoff into the MS4. Each year, the Village calibrates the salt dispensing rate of each snow plow truck. Each snow plow driver is trained by the Village on salt rates and dispensing procedures. The Village of Algonquin currently dispenses salt at a rate varying between 300 and 500 pounds per lane mile.

Part IV. Measurable Goals (include shared responsibilities) implemented by the MS4 in the past 5 years. Also, describe new goals proposed to be implemented by the MS4. Attach additional sheets (Attachment 3) as necessary

(BMP No. should match that checked in Part II of this NOI. The applicant may repeat the same BMP No. where more than one BMP of similar type is to be implemented. Where necessary, attach additional sheets to provide more detail on each specific BMP.)

BMP No. A.1

Brief Description of BMP: Distributed Paper Material – Village Newsletter Water Bill Insert : Stormwater Pollution

Milestones: **Year 1:** Continue to distribute insert and include NPDES Phase II information
Year 2: Continue to distribute insert and include NPDES Phase II information
Year 3: Continue to distribute insert and include NPDES Phase II information
Year 4: Continue to distribute insert and include NPDES Phase II information
Year 5: Continue to distribute insert and include NPDES Phase II information

BMP No. A.1

Brief Description of BMP: Distributed Paper Material – e-Newsletter : Stormwater Pollution

Milestones: **Year 1:** Continue to distribute e-newsletter and include NPDES Phase II information
Year 2: Continue to distribute e-newsletter and include NPDES Phase II information
Year 3: Continue to distribute e-newsletter and include NPDES Phase II information
Year 4: Continue to distribute e-newsletter and include NPDES Phase II information
Year 5: Continue to distribute e-newsletter and include NPDES Phase II information

BMP No. A.1

Brief Description of BMP: Distributed Paper Material - Calendar Annual Report: Stormwater, Soil Erosion and Natural Areas

Milestones: **Year 1:** Continue to produce and distribute calendar
Year 2: Continue to produce and distribute calendar
Year 3: Continue to produce and distribute calendar
Year 4: Continue to produce and distribute calendar
Year 5: Continue to produce and distribute calendar

BMP No. A.4

Brief Description of BMP: Community Event –It’s Our River Day

The Village hosts a conservation community day every summer. This is held along a bike path area adjacent to the Woods Creek Riparian Corridor. This event focuses on the environment and includes topics, demonstrations and hand outs on water quality, stormwater, natural area preservation and pollution prevention. The Village will continue to host this event indefinitely into the future.

Milestones: **Year 1:** Continue to host It’s Our River Day
Year 2: Continue to host It’s Our River Day
Year 3: Continue to host It’s Our River Day
Year 4: Continue to host It’s Our River Day
Year 5: Continue to host It’s Our River Day

BMP No. B.3

Brief Description of BMP: Stakeholder Meeting- Public Meeting: Village Board

Milestones: **Year 1:** Continue to bring stormwater and water quality issues and regulations to the Board
Year 2: Continue to bring stormwater and water quality issues and regulations to the Board
Year 3: Continue to bring stormwater and water quality issues and regulations to the Board
Year 4: Continue to bring stormwater and water quality issues and regulations to the Board
Year 5: Continue to bring stormwater and water quality issues and regulations to the Board

BMP No. B.7

Brief Description of BMP: Other Public Involvement – e-Waste Collection Program

Milestones: **Year 1:** Host 2 collection days per year
Year 2: Host 2 collection days per year
Year 3: Host 2 collection days per year
Year 4: Host 2 collection days per year
Year 5: Host 2 collection days per year

BMP No. C.1

Brief Description of BMP: Storm Sewer Map Preparation – Stormwater System mapping

The Village of Algonquin has been preparing a GIS map including the location and size of all Village owned stormwater pipes, manholes and outflow structures to receiving streams in the municipality. We are continuing data collection on this map and continue to update it as new storm structures are installed or identified.

Milestones: **Year 1:** Update map as new stormwater structures and outfalls are added or identified
Year 2: Update map as new stormwater structures and outfalls are added or identified
Year 3: Update map as new stormwater structures and outfalls are added or identified
Year 4: Update map as new stormwater structures and outfalls are added or identified
Year 5: Update map as new stormwater structures and outfalls are added or identified

BMP No. C.3

Brief Description of BMP: Detection/Elimination Prioritization Plan – Illicit Discharge Detection Program

Study areas of Village most likely to have illicit discharges and perform testing in those areas.

Milestones: **Year 1:** Continue to test areas of town and set measures for removing illicit discharges.
Year 2: Continue to test areas of town and set measures for removing illicit discharges.
Year 3: Continue to test areas of town and set measures for removing illicit discharges.
Year 4: Continue to test areas of town and set measures for removing illicit discharges.
Year 5: Continue to test areas of town and set measures for removing illicit discharges.

BMP No. C.10**Brief Description of BMP: Other Illicit Discharge Controls – Educational Outreach**

Use of storm sewer inlets requiring that every structure have a logo cast into it with a slogan of “Do Not Dump – Drains to River” This is now used in all new developments and public works projects as well as put in place when we do an in-house repair.

- Milestones:**
- Year 1:** Continue to use new drain structure on storm sewers.
 - Year 2:** Continue to use new drain structure on storm sewers.
 - Year 3:** Continue to use new drain structure on storm sewers.
 - Year 4:** Continue to use new drain structure on storm sewers.
 - Year 5:** Continue to use new drain structure on storm sewers.
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BMP No. D.1**Brief Description of BMP: Regulation Control Program – Kane Co. Stormwater Ordinance**

In 2002 the Village of Algonquin adopted the Kane County Stormwater Management Ordinance. This ordinance regulates construction site and post development stormwater run off. The Village enforces this ordinance throughout the entire community and we are a certified community under the provisions of the ordinance. The Kane County Stormwater Management Ordinance addresses all requirements of the construction site run off control measure.

- Milestones:**
- Year 1:** Continue to enforce the Kane Co. Stormwater Ordinance.
 - Year 2:** Continue to enforce the Kane Co. Stormwater Ordinance.
 - Year 3:** Continue to enforce the Kane Co. Stormwater Ordinance.
 - Year 4:** Continue to enforce the Kane Co. Stormwater Ordinance.
 - Year 5:** Continue to enforce the Kane Co. Stormwater Ordinance.
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BMP No. E.2**Brief Description of BMP: Regulatory Control Program – Kane Co. Stormwater Ordinance**

In 2002 the Village of Algonquin adopted the Kane County Stormwater Management Ordinance. This ordinance regulates construction site and post development stormwater run off. The Village enforces this ordinance throughout the entire community and we are a certified community under the provisions of the ordinance. The Kane County Stormwater Management Ordinance addresses all requirements of the construction site run off control measure.

- Milestones:**
- Year 1:** Continue to enforce the Kane Co. Stormwater Ordinance.
 - Year 2:** Continue to enforce the Kane Co. Stormwater Ordinance.
 - Year 3:** Continue to enforce the Kane Co. Stormwater Ordinance.
 - Year 4:** Continue to enforce the Kane Co. Stormwater Ordinance.
 - Year 5:** Continue to enforce the Kane Co. Stormwater Ordinance.

BMP No. E.2

Brief Description of BMP: Regulation Control Program – Kane Co. Stormwater Ordinance

In 2002 the Village of Algonquin adopted the Kane County Stormwater Management Ordinance. This ordinance regulates construction site and post development stormwater run off. The Village enforces this ordinance throughout the entire community and we are a certified community under the provisions of the ordinance. The Kane County Stormwater Management Ordinance addresses all requirements of the construction site run off control measure.

- Milestones:** **Year 1:** Continue to enforce the Kane Co. Stormwater Ordinance.
 Year 2: Continue to enforce the Kane Co. Stormwater Ordinance.
 Year 3: Continue to enforce the Kane Co. Stormwater Ordinance.
 Year 4: Continue to enforce the Kane Co. Stormwater Ordinance.
 Year 5: Continue to enforce the Kane Co. Stormwater Ordinance.
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BMP No. F.2

Brief Description of BMP: Inspection and Maintenance Program – Cleaning and Inspection of Storm Structures

The public works department is on a continuous cycle of visually inspecting and cleaning all of the storm sewer structures and outfalls that are owned by the Village.

- Milestones:** **Year 1:** Clean facilities on a semi-annual basis
 Year 2: Clean facilities on a semi-annual basis
 Year 3: Clean facilities on a semi-annual basis
 Year 4: Clean facilities on a semi-annual basis
 Year 5: Clean facilities on a semi-annual basis
-

BMP No. F.2

Brief Description of BMP: Inspection and Maintenance Program – Parking Lot and Street Cleaning

The public works department is on a continuous cycle of sweeping all Village owned facilities and street ROW's.

- Milestones:** **Year 1:** Clean streets and parking lots on a weekly basis
 Year 2: Clean streets and parking lots on a weekly basis
 Year 3: Clean streets and parking lots on a weekly basis
 Year 4: Clean streets and parking lots on a weekly basis
 Year 5: Clean streets and parking lots on a weekly basis
-

BMP No. F.3

Brief Description of BMP: Municipal Operations Storm Water Control – Road Salt Application and Storage

Calibrate plow trucks, monitor salt rate applications and store salt indoors.

- Milestones:** **Year 1:** Monitor salt application and storage
 Year 2: Monitor salt application and storage
 Year 3: Monitor salt application and storage
 Year 4: Monitor salt application and storage
 Year 5: Monitor salt application and storage

Part V. Certification

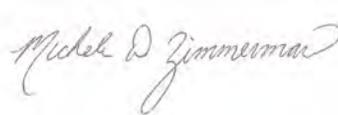
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage 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 fine and imprisonment.

Authorized Representative Name and Title

Signature

Date

**Michele Zimmerman, Assistant Public
Works Director**



2/5/2018

Mail completed form to:

**ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF WATER POLLUTION CONTROL
ATTN: PERMIT SECTION
POST OFFICE BOX 19276
SPRINGFIELD, ILLINOIS 62794-9276**