

**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 0505

Part I. General Information

1. **MS4 Operator Name:** County of Winnebago, Illinois
2. **MS4 Operator Mailing Address:**
 Street- 404 Elm Street City- Rockford,
 State- Illinois Zip Code- 61101
3. **Operator Type:** County
4. **Operator Status:** County
5. **Name(s) of Governmental Entity (ies) in which MS4 is located:** County of Winnebago, Illinois
6. **Area of land that drains to your MS4 (in square miles):** 7,765
7. **Latitude/Longitude at approximate geographical center of MS4 for which you are requesting authorization to discharge:**

Latitude: 42 20 Longitude: 89 10
DEG. MIN. SEC. DEG. MIN. SEC.

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

- | | |
|--------------------------|----------------------------|
| 1. <u>Rock River</u> | 2. <u>Kishwaukee River</u> |
| 3. <u>Sugar River</u> | 4. <u>Pecatonica River</u> |
| 5. <u>Kilburn Creek</u> | 6. <u>Otter Creek</u> |
| 7. <u>Manning Creek</u> | 8. <u>Dry Creek</u> |
| 9. <u>Tunnison Creek</u> | 10. <u>Killbuck Creek</u> |

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>Scott Christiansen</u>	<u>Chairman</u>	<u>(815) 319-4233</u>	<u>General and Community</u>
<u>Joe Vanderwerff</u>	<u>County Engineer</u>	<u>(815) 965-9431</u>	<u>Technical Coordination and Enforcement</u>
<u>Mike Holan</u>	<u>W.C. Forest Pres. Ex Dir.</u>	<u>(815) 877-6100</u>	<u>Educational Resources</u>
<u>Judy Barnard</u>	<u>Special Projects</u>	<u>(815) 979-4652</u>	<u>Marketing</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:

- A. Winnebago County is in the process of establishing a Stormwater Management web page on the County's website for the purpose of educating the public about best practices for Stormwater Management.**
- B. The County continues to provide funding for the Winnebago County Soil and Water Conservation District. A portion of those funds is used for programs in the schools using a groundwater model to demonstrate Stormwater principles.**
- C. The County will partner with area organizations to present a half day program in Winnebago County on stormwater management as an introduction to The Conservation Foundation's annual "Beyond the Basics" Stormwater Management Conference, held in the Chicago suburbs.**

2. Public Participation/Involvement:

- A. The mitigation program to correct the flooding of Madigan Creek and the Wellworth/Wentworth Neighborhood (Buckbee Creek) has included opportunities for the public to be educated about the devastating impact that improper Stormwater Management can have.**
- B. The County will partner with area organizations to present a half day program in Winnebago County on stormwater management as an introduction to The Conservation Foundation's annual "Beyond the Basics" Stormwater Management Conference, held in the Chicago suburbs.**

3. Illicit Discharge Detection and Elimination:

4. Construction Site Runoff Control:

5. Post-Construction Runoff Control:

6. Pollution Prevention/Good Housekeeping:

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.1.1

Brief Description of BMP: Maintain and update storm water website.

New Measurable Goal(s) beginning 2014-2015, including frequencies: Establish an updated webpage on the Winnebago County Government Website and update annually.

Milestones: Year 1: Keep website updated
Year 2: Keep website updated
Year 3: Keep website updated
Year 4: Keep website updated
Year 5: Keep website updated

BMP No. A.1.2

Brief Description of BMP: Continue to inform the public of the importance of clean water and the County's plan to protect our storm water system.

New Measurable Goal(s) beginning 2014-2015, including frequencies: Create a new Committee to develop a strategic plan to develop current and future best practices, including green infrastructure.

Milestones: Year 1: Distribute materials to the public through the website.
Year 2: Distribute materials to the public through the website.
Year 3: Distribute materials to the public through the website.
Year 4: Distribute materials to the public through the website.
Year 5: Distribute materials to the public through the website.

BMP No. A.2.1

Brief Description of BMP: Speakers are available upon request to speak on the importance of clean water and on the BMP's being practiced in Winnebago County about our Phase 2 program

New Measurable Goal(s) beginning 2014-2015, including frequencies: Develop an updated list of speakers from local organizations who would be available to speak before groups when requested.

Milestones: Year 1: Maintain an updated list of speakers to speak to groups upon request.
Year 2: Maintain an updated list of speakers to speak to groups upon request.
Year 3: Maintain an updated list of speakers to speak to groups upon request.
Year 4: Maintain an updated list of speakers to speak to groups upon request.
Year 5: Maintain an updated list of speakers to speak to groups upon request.

BMP No. A.3.1

Brief Description of BMP: Develop or acquire PSA's describing Phase 2 and the BMP's being used to comply and improve. Broadcast PSA at least annually.

New Measurable Goal(s) beginning 2014-2015, including frequencies: Meet with local television stations to solicit their support in broadcasting PSA's provided by the County. PSA's will be used to educate the public on the BMP's being used to protect the stormwater system.

Milestones: Year 1: Meet with local television stations to solicit their support in broadcasting PSA's.
Year 2: Broadcast PSA at least annually.
Year 3: Broadcast PSA at least annually.
Year 4: Broadcast PSA at least annually.
Year 5: Broadcast PSA at least annually.

BMP No. A.4.1

Brief Description of BMP: Continue to coordinate press conferences with area groups and agencies such as Keep Northern Illinois Beautiful to emphasize the need to keep our storm water system clean and ways the public can participate.

New Measurable Goal(s) beginning 2014-2015, including frequencies: Continue to coordinate press conferences with local groups and agencies to get their message and our BMP's out to the public.

Milestones: Year 1: Continue to coordinate press conferences with local groups and agencies.
Year 2: Continue to coordinate press conferences with local groups and agencies.
Year 3: Continue to coordinate press conferences with local groups and agencies.
Year 4: Continue to coordinate press conferences with local groups and agencies.
Year 5: Continue to coordinate press conferences with local groups and agencies.

BMP No. A.4.2

Brief Description of BMP: Continue to make available County assets to assist in area creek, river, and lake clean ups. Continue to hold a County Clean Up Day, a county funded cleanup in association with the Great American Clean Up each spring.

New Measurable Goal(s) beginning 2014-2015, including frequencies: Be available to assist in clean up activities.

Milestones: Year 1: Be available to assist in clean up activities.
Year 2: Be available to assist in clean up activities.
Year 3: Be available to assist in clean up activities.
Year 4: Be available to assist in clean up activities.
Year 5: Be available to assist in clean up activities.

BMP No. A.5.1

Brief Description of BMP: Be available to speak in a classroom setting upon request to educate students on Winnebago County's efforts (BMP'S) to clean up our storm water system.

New Measurable Goal(s) beginning 2014-2015, including frequencies: Identify county personnel or associates to be available to speak to classes when requested.

Milestones: Year 1: Identify qualified personnel to speak to classes when requested.
Year 2: Be available to speak to classes when requested.
Year 3: Be available to speak to classes when requested.
Year 4: Be available to speak to classes when requested.
Year 5: Be available to speak to classes when requested.

BMP No. A.5.2

Brief Description of BMP: Provide information to classes when requested.

New Measurable Goal(s) beginning 2014-2015, including frequencies: Develop a PowerPoint and related educational material (such as a display board) describing the County's efforts to clean and monitor our storm water system, to be used in classrooms upon request and based on availability.

- Milestones:**
- Year 1: Have PowerPoint and related information available upon request.**
 - Year 2: Have PowerPoint and related information available upon request.**
 - Year 3: Have PowerPoint and related information available upon request.**
 - Year 4: Have PowerPoint and related information available upon request.**
 - Year 5: Have PowerPoint and related information available upon request.**
-

BMP No. B.3.1

Brief Description of BMP: Participate with area government districts in planning and coordinating BMP's for the areas storm water system.

New Measurable Goal(s) beginning 2014-2015, including frequencies: Reconvene the WINAQUA Committee of Government representatives to further stormwater best practices including an educational program to explore the use of green infrastructure.

- Milestones:**
- Year 1: Serve as a partner in scheduling meetings on a continual basis.**
 - Year 2: Serve as a partner in scheduling meetings on a continual basis.**
 - Year 3: Serve as a partner in scheduling meetings on a continual basis.**
 - Year 4: Serve as a partner in scheduling meetings on a continual basis.**
 - Year 5: Serve as a partner in scheduling meetings on a continual basis.**
-

BMP No. B.6.1

Brief Description of BMP: Continue on-going meetings within Winnebago County with departments involved in the planning and implementation of our storm water system BMP plan.

New Measurable Goal(s) beginning 2014-2015, including frequencies: Meet at least twice a year.

- Milestones:**
- Year 1: Meet at least twice a year.**
 - Year 2: Meet at least twice a year.**
 - Year 3: Meet at least twice a year.**
 - Year 4: Meet at least twice a year.**
 - Year 5: Meet at least twice a year.**
-

BMP No. B.7.1

Brief Description of BMP: Continue to participate in area water system cleanups. (see A.4.2)

New Measurable Goal(s) beginning 2014-2015, including frequencies: Be available to assist in area waterway clean up events.

- Milestones:**
- Year 1: Be available to assist in area waterway clean up events.**
 - Year 2: Be available to assist in area waterway clean up events.**
 - Year 3: Be available to assist in area waterway clean up events.**
 - Year 4: Be available to assist in area waterway clean up events.**
 - Year 5: Be available to assist in area waterway clean up events.**
-

BMP No. C.1.1

Brief Description of BMP: Storm sewer map preparation

Measurable Goal(s), including frequencies: Highway Department and Wingis review and update map annually.

Milestones: Year 1: Review and update storm sewer map annually.
Year 2: Review and update storm sewer map annually.
Year 3: Review and update storm sewer map annually.
Year 4: Review and update storm sewer map annually.
Year 5: Review and update storm sewer map annually.

BMP No. C.2.1

Brief Description of BMP: In response to the original Phase 2 application the Winnebago County Board passed the “Surface Water Management Ordinance” on August 24th, 2006.

New Measurable Goal(s) beginning 2014-2015, including frequencies: Enforce the regulations included in the Surface Water Management Ordinance.

Milestones: Year 1: Review and enforce the “Surface Water Management Ordinance”. Make recommended changes as determined.
Year 2: Review and enforce the “Surface Water Management Ordinance”. Make recommended changes as determined.
Year 3: Review and enforce the “Surface Water Management Ordinance”. Make recommended changes as determined.
Year 4: Review and enforce the “Surface Water Management Ordinance”. Make recommended changes as determined.
Year 5: Review and enforce the “Surface Water Management Ordinance”. Make recommended changes as determined.

BMP No. C.3.1

Brief Description of BMP: Enforce regulations included in the 2006 “Surface Water Management Ordinance”.

New Measurable Goal(s) beginning 2014-2015, including frequencies: Inspect and monitor qualifying projects in unincorporated Winnebago County for compliance with the regulations in the 2006 “Surface Water Management Ordinance”.

Milestones: Year 1: Inspect and monitor qualifying projects.
Year 2: Inspect and monitor qualifying projects.
Year 3: Inspect and monitor qualifying projects.
Year 4: Inspect and monitor qualifying projects.
Year 5: Inspect and monitor qualifying projects.

BMP No. C.3.2

Brief Description of BMP: Investigate public reports of illicit discharges.

New Measurable Goal(s) beginning 2014-2015, including frequencies: Publicize and monitor the Winnebago County Health Departments “hotline” for reporting suspected illegal discharge and pollution of the storm water system. Investigate any complaints received.

Milestones: Year 1: Continue to publicize, monitor, and investigate “hotline” complaints
Year 2: Continue to publicize, monitor and investigate “hotline” complaints.

Year 3: Continue to publicize, monitor, and investigate “hotline” complaints.

Year 4: Continue to publicize, monitor, and investigate “hotline” complaints.

Year 5: Continue to publicize, monitor, and investigate “hotline” complaints.

BMP No. C.5.1

Brief Description of BMP: Illicit source removal procedure

New Measurable Goal(s) beginning 2014-2015, including frequencies: Under the direction of the Health Department oversee the removal of any known illegal connections or inflow into the county’s storm water system.

Milestones: Year 1: Continue to investigate and enforce
Year 2: Continue to investigate and enforce.
Year 3: Continue to investigate and enforce.
Year 4: Continue to investigate and enforce.
Year 5: Continue to investigate and enforce.

BMP No. C.6.1

Brief Description of BMP: County Phase2 committee to meet on a quarterly basis to review ND PES goals and objectives and revise as programs expand, new technology is made available, and better practices are discovered.

New Measurable Goal(s) beginning 2014-2015, including frequencies: County Phase 2 Committee to meet on an annual basis. Expand participation as events warrant.

Milestones: Year 1: Meet on an annual basis.
Year 2: Meet on an annual basis.
Year 3: Meet on an annual basis.
Year 4: Meet on an annual basis.
Year 5: Meet on an annual basis.

BMP No. C.9.1

Brief Description of BMP: As stated in BMP C.3.2 Winnebago County will increase the public’s awareness of the Health Department “hotline” for reporting suspected pollution.

New Measurable Goal(s) beginning 2014-2015, including frequencies: Hotline to be monitored to record and follow up on any suspected ‘pollution’ of the County’s storm water system.

Milestones: Year 1: Continue to publicize and respond to “hotline” complaints.
Year 2: Continue to publicize and respond to “hotline” complaints.
Year 3: Continue to publicize and respond to “hotline” complaints.
Year 4: Continue to publicize and respond to “hotline” complaints.
Year 5: Continue to publicize and respond to “hotline” complaints

BMP No. C.9.2

Brief Description of BMP: Notify public of any contamination discovered that may jeopardize public health.

New Measurable Goal(s) beginning 2014-2015, including frequencies: Winnebago County will use all means available to notify residents that may be exposed to any issues that may jeopardize their health in regards to the County’s storm water system. These measures include but are not limited to radio, television, print media, and reverse 911.

Milestones: Year 1: Prepare a written plan for public notification and determine proper chain of command.
Year 2: Keep plan on hand and ready for use.
Year 3: Keep plan on hand and ready for use.
Year 4: Keep plan on hand and ready for use.
Year 5: Keep plan on hand and ready for use

BMP No. D.1.1

Brief Description of BMP: Enforce Winnebago County's erosion and sediment control ordinance.

New Measurable Goal(s) beginning 2014-2015, including frequencies: All development in Winnebago County that must follow NPDES guidelines receive all necessary documentation prior to approval.

Milestones: Year 1: Enforce erosion and sediment control ordinance.
Year 2: Enforce erosion and sediment control ordinance.
Year 3: Enforce erosion and sediment control ordinance.
Year 4: Enforce erosion and sediment control ordinance.
Year 5: Enforce erosion and sediment control ordinance.

BMP No. D.2.1

Brief Description of BMP: The "Surface Water Management Ordinance" is available from the County for all those interested in the document on the Highway Department website.

New Measurable Goal(s) beginning 2014-2015, including frequencies: Continue to make available the County's "Surface Water Management Ordinance".

Milestones: Year 1: Distribute document on request
Year 2: Distribute document on request.
Year 3: Distribute document on request.
Year 4: Distribute document on request. Start review of document and recommend any changes.
Year 5: Distribute document on request. Make any recommendation of changes to the document to the County Board for their consideration.

BMP No. D.4.1.1

Brief Description of BMP: Review erosion control plans submitted by developers prior to project approval.

New Measurable Goal(s) beginning 2014-2015, including frequencies: Review erosion control plan prior to the approval of any development.

Milestones: Year 1: Continue review procedure.
Year 2: Continue review procedure.
Year 3: Continue review procedure.
Year 4: Continue review procedure
Year 5: Continue review procedure.

BMP No. D.6.1

Brief Description of BMP: Site inspections

New Measurable Goal(s) beginning 2014-2015, including frequencies: Inspect sites to insure compliance. Winnebago County's Soil and Water Conservation District is responsible for inspection and monitoring construction projects in unincorporated Winnebago County.

Milestones: Year 1: Inspect and enforce regulations for all construction projects under County control.
Year 2: Inspect and enforce regulations for all construction projects under County control.
Year 3: Inspect and enforce regulations for all construction projects under County control.
Year 4: Inspect and enforce regulations for all construction projects under County control.
Year 5: Inspect and enforce regulations for all construction projects under County control.

BMP No. E.4.1

Brief Description of BMP: Pre-Const Review of BMP Designs

New Measurable Goal(s) beginning 2014-2015, including frequencies: Review submitted plans for compliance with the 'Surface Water Ordinance' and any other requirements and make recommendations encouraging the use of "green technologies".

Milestones: Year 1: Enforce ordinance.
Year 2: Enforce ordinance.
Year 3: Enforce ordinance.
Year 4: Enforce ordinance.
Year 5: Enforce ordinance.

BMP No. E.5.1

Brief Description of BMP: Site Inspections During Construction

New Measurable Goal(s) beginning 2014-2015, including frequencies: Inspect development during construction phase to ensure compliance with all county ordinances.

Milestones: Year 1: Conduct site visits and enforce ordinance.
Year 2: Conduct site visits and enforce ordinance.
Year 3: Conduct site visits and enforce ordinance.
Year 4: Conduct site visits and enforce ordinance.
Year 5: Conduct site visits and enforce ordinance.

BMP No. E.6.1

Brief Description of BMP: Post-Construction Inspections

New Measurable Goal(s) beginning 2014-2015, including frequencies: Inspect all post construction sites and verify compliance with all County recommended BMP's and ordinances.

Milestones: Year 1: Conduct post construction inspection.
Year 2: Conduct post construction inspection.
Year 3: Conduct post construction inspections.
Year 4: Conduct post construction inspections.
Year 5: Conduct post construction inspections.

BMP No. F.1.1

Brief Description of BMP: Employee Training Program

New Measurable Goal(s) beginning 2014-2015, including frequencies: All maintenance and highway employees are trained in the proper technique of applying and disposing of chemical and salt alternatives.

Milestones: Year 1: Continue training sessions.
Year 2: Continue training sessions.
Year 3: Continue training sessions.
Year 4: Continue training sessions.
Year 5: Continue training sessions.

BMP No. F.1.2

Brief Description of BMP: Employee training sessions.

New Measurable Goal(s) beginning 2014-2015, including frequencies: Reporting possible pollution of storm water system. All County maintenance and highway employees are trained to observe any signs of contamination of our storm water system and report any possible problems to their supervisors.

Milestones: Year 1: Continue training sessions.
Year 2: Continue training sessions.
Year 3: Continue training sessions.
Year 4: Continue training sessions.
Year 5: Continue training sessions.

BMP No. F.2.1

Brief Description of BMP: Inspection and Maintenance Program

New Measurable Goal(s) beginning 2014-2015, including frequencies: Develop and implement an inspection program.

Milestones: Year 1: Convene committee to create inspection program and timeline.
Year 2: Implement inspection program of the County's Storm Water System.
Year 3: Continue to follow the County's Storm Water Sewer System inspection program.
Year 4: Continue to follow the County's Storm Water Sewer System inspection program.
Start review of the program and make recommendations for improvement as needed.
Year 5: Continue to follow the County's Storm Water Sewer System inspection program.

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
Joe Vanderwerf Sr. Scott Christiansen County Board Chairman County Engineer		June 20, 2014

Mail completed form to:

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

Copy and complete this page if additional pages are necessary:

**Attachment 1
Receiving Streams (Continued)**

11. Kinnikinnick Creek

12. Kent Creek

13. Mud Creek

14. Randal Creek

15. Fuller Creek

16. Bebbs Creek

17. Sumner Creek

18. Turtle Creek

19. Raccoon Creek

20. Keith Creek

21. Spring Creek

22. Loves Park Creek

23. Willow Creek

24. McDonald Creek

25. Grove Creek

26. Martin Creek

27. Rhule Creek

28. Rock Creek

29. Mosquito Creek

30. Madigan Creek

31. Canal Creek

32. Mill Creek

33. Pink Creek

34. Beaver Run

35. Coolidge Creek

36. Hungry Run

37. Blacks Creek

38.
