



# 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

- Name of Municipality: Nunda Township Road District (NTRD) MS4 #: ILR40  
Population (based on 2010 census): 38,314
- MS4 Mailing Address: 3518 Bay Rd City: Crystal Lake, IL Zip: 60012
- Primary MS4 Contact Person (Authorized Representative for MS4 Permit)  
Name: Mike Lesperance Title: Highway Commissioner  
Phone: 815.459.4410 Email Address: highway@nundaroaddistrict.com

### General Information

- Latitude and Longitude at approximate geographical center of MS4 for which you are requesting authorization to discharge:  
Latitude: 42 16 41.21 Longitude: -88 18 02.26  
Degrees Minutes Seconds Degrees Minutes Seconds
- Community Type: Township Other: \_\_\_\_\_
- Name(s) of governmental entity(ies) in which MS4 is located:  

City/Village	Township	County
Nunda Township Road District	Nunda	McHenry
- Area of land within your MS4 in square miles: 48
- Percent of MS4 served by combined sewer: \_\_\_\_\_ 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>.

Name(s) of known receiving waters (in and within 3 miles of MS4 area)	Impairment listed on 303d List or TMDL?
Fox River (DT-22)	<input checked="" type="radio"/> Yes <input type="radio"/> No
Boone Creek	<input type="radio"/> Yes <input checked="" type="radio"/> No
Griswold Lake (RTY)	<input checked="" type="radio"/> Yes <input type="radio"/> No
Defiance Lake	<input type="radio"/> Yes <input checked="" type="radio"/> No
Cotton Creek	<input type="radio"/> Yes <input checked="" type="radio"/> No
Thunderbird Lake	<input type="radio"/> Yes <input checked="" type="radio"/> No
Island Lake	<input type="radio"/> Yes <input checked="" type="radio"/> No
Lily Lake (RTZJ)	<input checked="" type="radio"/> Yes <input type="radio"/> No
Silver Lake (RTW)	<input checked="" type="radio"/> Yes <input type="radio"/> No
Sleepy Hallow Creek	<input type="radio"/> Yes <input checked="" type="radio"/> No
Lake Killarney (RTZV)	<input checked="" type="radio"/> Yes <input type="radio"/> No

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

Causes: Fecal Coliform, Mercury, Polychlorinated biphen Source: Atmostpheric Deposition - Toxins, Impacts from

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

If yes, what measures to comply with the TMDL waste load allocation (WLA) are being implemented or are planned?

The road district has minimized the use of road salt for de-icing activities. They also work to minimize the release of other potential pollutants with their recycling program.

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

If yes: Which MS4 community?: McHenry County

Which minimum control measurements is the other MS4 responsible for?

- Public Education and Outreach
- Construction Site Runoff Control
- Public Participation/Involvement
- Post-Construction Runoff Control
- Illicit Discharge Detection and Elimination
- Pollution Prevention/Good Housekeeping

#### 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: March 2003 Frequency of each BMP program: Annually

Qualifying Local Programs

Measurable Goals (include shared responsibilities)

A.1 Distributed Paper Material

Brief Description of BMP

NTRD Newsletter

Measurable Goals, including frequencies

The NTRD currently utilizes web based educational outreach. An article pertaining to stormwater will be included on the township webpage and will be updated at least one time per year.

Milestones

Year 1: 

Prepare an educational article once a year and post it online. This article may include information relating to the impacts of climate change on precipitation and stormwater pollution.

Year 2: 

Prepare an educational article once a year and post it online. This article may include information relating to the impacts of climate change on precipitation and stormwater pollution.

Year 3: 

Prepare an educational article once a year and post it online. This article may include information relating to the impacts of climate change on precipitation and stormwater pollution.

Year 4: 

Prepare an educational article once a year and post it online. This article may include information relating to the impacts of climate change on precipitation and stormwater pollution.

Year 5: 

Prepare an educational article once a year and post it online. This article may include information relating to the impacts of climate change on precipitation and stormwater pollution.

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

**B. Public Participation/Involvement**

Approximate date first implemented: March 2003 Frequency of each BMP program: Annually

Qualifying Local Programs

Measurable Goals (include shared responsibilities)

B.2 Educational Volunteer

B.3 Stakeholder Meeting

Brief Description of BMP

The Township will participate in a local watershed group if one is available and active within the MS4.

Measurable Goals, including frequencies

Participate in or host a local watershed group meeting at least once annually if one is available and active within the MS4.

Milestones

Year 1: Participate in a local watershed group meeting or offer to host a local watershed group meeting at a municipal facility.

Year 2: Participate in a local watershed group meeting or offer to host a local watershed group meeting at a municipal facility.

Year 3: Participate in a local watershed group meeting or offer to host a local watershed group meeting at a municipal facility.

Year 4: Participate in a local watershed group meeting or offer to host a local watershed group meeting at a municipal facility.

Year 5: Participate in a local watershed group meeting or offer to host a local watershed group meeting at a municipal facility.

Additional Info

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

[Empty text box for additional information]

B.4 Public Hearing

Brief Description of BMP

The Township will conduct a public meeting or public hearing on its proposed stormwater management plan.

Measurable Goals, including frequencies

Present Municipal NPDES Phase II. Present a summary of the ongoing program implementation at least once annually at a public meeting.

Milestones

Year 1: Present ongoing program summary at least once annually at a public meeting

Year 2: Present ongoing program summary at least once annually at a public meeting

Year 3: Present ongoing program summary at least once annually at a public meeting

Year 4: Present ongoing program summary at least once annually at a public meeting

Year 5: Present ongoing program summary at least once annually at a public meeting

Additional Info

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

B.5 Volunteer Monitoring

B.6. Program Involvement

**Brief Description of BMP**

Adopt-A-Highway Program

**Measurable Goals, including frequencies**

The NTRD participates in an Adopt-A-Highway program whereby public or private organizations or clubs can offer to clean up highway ditches (part of the MS4) on a bi-annual basis. The NTRD will continue to promote this program to provide opportunities for public involvement.

**Milestones**

Year 1: Maintain Adopt-A-Highway Program.

Year 2: Maintain Adopt-A-Highway Program.

Year 3: Maintain Adopt-A-Highway Program.

Year 4: Maintain Adopt-A-Highway Program.

Year 5: Maintain Adopt-A-Highway Program.

**Additional Info**

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

B.7 Other Public Involvement

**C. Illicit Discharge Detection and Elimination**

Approximate date first implemented: March 2003 Frequency of each BMP program: Annually

**Qualifying Local Programs**

Per BMP No. C.2, an Illicit Discharge Detection and Elimination (IDDE) Ordinance has been adopted by the County.

C.1 Sewer Map Preparation

**Brief Description of BMP**

MS4 Outfall Map

**Measurable Goals, including frequencies**

The NTRD will continue to update the Outfall Map along with mapping all of its known or observed storm sewers and culverts as needed.

**Milestones**

Year 1: Update the Outfall Map, as necessary, to show outfall locations, receiving streams, storm sewers, and culverts.

Measurable Goals (include shared responsibilities)

Year 2: Update the Outfall Map, as necessary, to show outfall locations, receiving streams, storm sewers, and culverts.

Year 3: Update the Outfall Map, as necessary, to show outfall locations, receiving streams, storm sewers, and culverts.

Year 4: Update the Outfall Map, as necessary, to show outfall locations, receiving streams, storm sewers, and culverts.

Year 5: Update the Outfall Map, as necessary, to show outfall locations, receiving streams, storm sewers, and culverts.

Additional Info

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

[Empty text box for BMP Number]

C.2 Regulatory Control Program

C.3 Detection/Elimination Prioritization Plan

Brief Description of BMP

Detection/Elimination Prioritization plan

Measurable Goals, including frequencies

The NTRD will utilize Dry Weather Screening to identify illicit discharges. The Storm Sewer Outfall Map has been prioritized and the outfalls will be visited at least once every 5 years.

Milestones

Year 1: Continue to utilize Dry Weather Screening to identify illicit discharges. The Storm Sewer Outfall Map will be used to visit the outfalls at least once every 5 years.

Year 2: Continue to utilize Dry Weather Screening to identify illicit discharges. The Storm Sewer Outfall Map will be used to visit the outfalls at least once every 5 years.

Year 3: Continue to utilize Dry Weather Screening to identify illicit discharges. The Storm Sewer Outfall Map will be used to visit the outfalls at least once every 5 years.

Year 4: Continue to utilize Dry Weather Screening to identify illicit discharges. The Storm Sewer Outfall Map will be used to visit the outfalls at least once every 5 years.

Year 5: Continue to utilize Dry Weather Screening to identify illicit discharges. The Storm Sewer Outfall Map will be used to visit the outfalls at least once every 5 years.

Additional Info

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

[Empty text box for BMP Number]

C.4 Illicit Discharge Tracing Procedures

Brief Description of BMP

Illicit Discharge Tracing Procedures

Measurable Goals, including frequencies

The NTRD will continue to develop, train, and educate employees in relevant positions to perform activities such as illicit discharge tracing procedures and visual dry weather stormwater outfall screening. The NTRD will utilize these Tracing

Procedures to find the source of illicit discharges. The Storm Sewer Outfall Map will assist in identifying areas to be inspected.

Milestones

- Year 1: Continue to implement Illicit Discharge Tracing Procedures through the training and education of employees.
- Year 2: Continue to implement Illicit Discharge Tracing Procedures through the training and education of employees.
- Year 3: Continue to implement Illicit Discharge Tracing Procedures through the training and education of employees.
- Year 4: Continue to implement Illicit Discharge Tracing Procedures through the training and education of employees.
- Year 5: Continue to implement Illicit Discharge Tracing Procedures through the training and education of employees.

Additional Info

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

C.5 Illicit Source Removal Procedures

Brief Description of BMP

Illicit Source Removal Procedures

Measurable Goals, including frequencies

The NTRD's ownership is limited to roadway Right-Of-Way (ROW) within the Township. The NTRD will continue developing written procedures and performing Illicit Discharge evaluation in accordance with BMPs C.4 and C.7. If any illicit discharges are suspected or found, NTRD will inform the County for further enforcement action under the County Ordinances.

Milestones

- Year 1: Continue developing written procedures and continue to perform Illicit Discharge evaluation in accordance with BMPs C.4 and C.7.
- Year 2: Continue developing written procedures and continue to perform Illicit Discharge evaluation in accordance with BMPs C.4 and C.7.
- Year 3: Continue developing written procedures and continue to perform Illicit Discharge evaluation in accordance with BMPs C.4 and C.7.
- Year 4: Continue developing written procedures and continue to perform Illicit Discharge evaluation in accordance with BMPs C.4 and C.7.
- Year 5: Continue developing written procedures and continue to perform Illicit Discharge evaluation in accordance with BMPs C.4 and C.7.

Additional Info

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

C.6 Program Evaluation and Assessment

C.7 Visual Dry Weather Screening

**Brief Description of BMP**

Visual Dry Weather Screening

**Measurable Goals, including frequencies**

The NTRD will use visual dry weather screening to identify illicit discharges. A multi-year schedule will be prepared for visiting each known outlet to perform the screening in accordance with the priority areas identified in C.3. A standardized form will be used to keep a record of the screenings as they take place.

**Milestones**

Year 1: Continue scheduled visits of known outfalls. Continue to keep record of the screenings.

Year 2: Continue scheduled visits of known outfalls. Continue to keep record of the screenings.

Year 3: Continue scheduled visits of known outfalls. Continue to keep record of the screenings.

Year 4: Continue scheduled visits of known outfalls. Continue to keep record of the screenings.

Year 5: Continue scheduled visits of known outfalls. Continue to keep record of the screenings.

**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: N/A Frequency of each BMP program: N/A

**Qualifying Local Programs**

Development within Nunda Township is regulated by McHenry County. The County Zoning and Subdivision Control Ordinances along with the County Watershed Development Ordinance include provisions for the control of stormwater runoff during construction. The McHenry County Department of Planning and Development also has procedures for the orderly review of new development.

**Measurable Goals (include shared responsibilities)**

- 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**

Approximate date first implemented: N/A Frequency of each BMP program: N/A

**Qualifying Local Programs**

Development within Nunda Township is regulated by McHenry County. The County Zoning and Subdivision Control Ordinances along with the County Watershed Development Ordinance include provisions for the control of stormwater runoff during construction. The McHenry County Department of Planning and Development also has procedures for the orderly review of new development.

Measurable Goals (include shared responsibilities)

- E.1 Community Control Strategy
- E.2 Regulatory Control Program
- E.3 Long Term O & M Procedures
- 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: March 2003 Frequency of each BMP program: Annually

**Qualifying Local Programs**

Measurable Goals (include shared responsibilities)

- F.1 Employee Training Program

**Brief Description of BMP**

Staff Training

**Measurable Goals, including frequencies**

The NTRD will continue to train and educate its employees in relevant positions to perform activities such as illicit discharge tracing procedures and visual dry weather stormwater outfall screening. The NTRD will also seek other opportunities for training through seminars and other training materials widely available.

**Milestones**

Year 1: Train municipal employees in relevant positions and update program as needed.

Year 2: Train municipal employees in relevant positions and update program as needed.

Year 3: Train municipal employees in relevant positions and update program as needed.

Year 4: Train municipal employees in relevant positions and update program as needed.

Year 5: Train municipal employees in relevant positions and update program as needed.

**Additional Info**

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

- F.2 Inspection and Maintenance Program

Brief Description of BMP

NTRD Facility Operation and Maintenance Program

Measurable Goals, including frequencies

The NTRD has developed an operation and maintenance program to address the maintenance needs of its properties. The Program includes a description of all Properties, Fleet and Building Maintenance, Erosion Control procedures for new construction or other land disturbance, Maintenance of the MS4 and proper waste disposal including hazardous waste and procedures for the prevention and containment of hazardous material spills.

Milestones

Year 1: Continue to implement the Operation and Maintenance Program.

Year 2: Continue to implement the Operation and Maintenance Program.

Year 3: Continue to implement the Operation and Maintenance Program.

Year 4: Continue to implement the Operation and Maintenance Program.

Year 5: Continue to implement the Operation and Maintenance Program.

Additional Info

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

Empty rectangular box for additional information.

F.3 Municipal Operations Storm Water Control

Brief Description of BMP

NTRD Facility Operation and Maintenance Program

Measurable Goals, including frequencies

The NTRD has developed an operation and maintenance program to address the maintenance needs of its properties. The Program includes a description of all Properties, Fleet and Building Maintenance, Erosion Control procedures for new construction or other land disturbance, Maintenance of the MS4 and proper waste disposal including hazardous waste and procedures for the prevention and containment of hazardous material spills.

Milestones

Year 1: Continue to implement the Operation and Maintenance Program.

Year 2: Continue to implement the Operation and Maintenance Program.

Year 3: Continue to implement the Operation and Maintenance Program.

Year 4: Continue to implement the Operation and Maintenance Program.

Year 5: Continue to implement the Operation and Maintenance Program.

Additional Info

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

Empty rectangular box for additional information.

F.4 Municipal Operations Waste Disposal

Brief Description of BMP

NTRD Facility Operation and Maintenance Program

Measurable Goals, including frequencies

The NTRD has developed an operation and maintenance program to address the maintenance needs of its properties. The Program includes a description of all Properties, Fleet and Building Maintenance, Erosion Control procedures for new construction or other land disturbance, Maintenance of the MS4 and proper waste disposal including hazardous waste and procedures for the prevention and containment of hazardous material spills.

Milestones

Year 1: Continue to implement the Operation and Maintenance Program.

Year 2: Continue to implement the Operation and Maintenance Program.

Year 3: Continue to implement the Operation and Maintenance Program.

Year 4: Continue to implement the Operation and Maintenance Program.

Year 5: Continue to implement the Operation and Maintenance Program.

Additional Info

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

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.

NA

**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)).

Mike Lesperance

Highway Commissioner

Authorized Representative Name

Title



5-19-21

Authorized Representative Signature

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.