

Nunda Township Road District, McHenry County, Illinois

Storm Water Management Program – August 2026

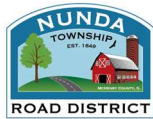
Introduction

Nunda Township Road District (NTRD) has a General Permit from the Illinois Environmental Protection Agency (IEPA) for its Municipal Separate Storm Sewer System (MS4) and as such the Township has developed this stormwater management program to prevent and reduce pollution to its drainage and storm sewer system to the maximum extent practicable. This document describes the pollution prevention practices that comprise the Township's storm water management program.

The Township has reviewed the IEPA's website for information regarding approved or ongoing Total Maximum Daily Load (TMDL) limits on streams within the Municipal Separate Storm Sewer System (MS4) service area. According to the 303 (d) Listed Water Maps, seven impaired waterbodies are within the NTRD limits. The waterbodies are the Fox River (IL_DT-22 & IL_DT-23), Unnamed Tributary to the Fox River (Oakwood Hills) (IL_DTZZB-01), Lake Defiance (IL_RT B), Silver Lake (IL_RT W), Griswold Lake (IL_RT Y), Lily Lake (IL_RT ZJ), and Island Lake (IL_RT ZI). The Fox River and Island Lake are the only waterways located within the Nunda Township Road District's jurisdiction which have a current TMDL, and no waterways in the area have a planned TMDL. The Fox River is impaired by chlorides in this reach. Island Lake is impaired by phosphorus. 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.

The Township has also reviewed the EPA's Environmental Justice mapper reports and has determined that there are no changes required to the program to tailor communications to residents. There are no demographics data showing large populations of linguistically isolated residents within the Township.

The IEPA has recently updated the General Permit for MS4s, ILR40. In response to these updates, NTRD has reviewed the revised permit requirements and updated this Stormwater Management Plan accordingly. The revisions ensure that the Township's program continues to meet the current regulatory standards and reflects the enhanced requirements of the ILR40 permit.



1. Public Education and Outreach

A.1 Post Relevant Information Online

Measurable Goals: The NTRD currently utilizes web-based educational outreach. An article pertaining to the potential impacts and effects on storm water discharge due to climate change will be included on the township webpage and will be updated at least once per year. The township will distribute appropriate education materials through their printed newsletter.

Approach: The NTRD posts a stormwater update including the current NOI, previous annual updates and an article pertaining to stormwater pollution. There is a dedicated NPDES/IEPA tab on the website to promote this information. The tab includes a link to NTRD's Stormwater Management Plan. The postings are available at the Township's website at: <https://nundaroaddistrict.com/bid-documents/#npdes>

Additionally, there are sub-tabs which offer links related to climate change and stormwater information. For example, the 2019 NPDES tab (<http://nundaroaddistrict.com/npdesiepa/2019-npdes/>) has a link to NASA's climate change website, to IEPA's "Water Quality for Citizens" website, and to a brochure entitled "Rain Gardens for Illinois." Additionally, there are links to some local watershed groups, such as the Boone-Dutch Creeks Watershed Alliance and the Silver-Sleepy Creek Watershed.

The posted information will address the following pollutants of concern: phosphates and chlorides.

The target audiences will be residents and landscape contractors.

The NTRD has identified the following three residential issues:

- Lawn chemical application
- Lawn chemical application timing
- Storage and disposal of fuels, oils, paints, and similar materials

The NTRD has identified the following three targeted industrial/commercial issues:

- Winter de-icing material use
- Winter de-icing material storage
- Dumpster Maintenance

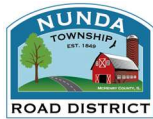
NTRD will assess the storm water education/outreach program annually and report this evaluation in the Annual Report. NTRD will adjust the educational materials and the delivery of the materials to address any shortcomings found in the assessment. The assessment will include a summary of the following measurable actions, if applicable:

1. Number of brochures distributed; and
2. Number of website visits to the stormwater page

2. Public Participation/Involvement

B.3 Stakeholder Meeting

Measurable Goals: Participate in a local watershed group meeting or offer to host a local watershed group meeting at a Township facility.



Approach: The Township has identified that the Fox River Ecosystem Partnership, Fox River Study Group, and Friends of the Fox River are all within the Township's jurisdiction. HRGreen will attend the Fox River Study Group on behalf of the Township.

B.4 Public Hearing

Measurable Goals: Present ongoing NPDES Phase II program summary at least once annually at a public meeting.

Approach: The Township provides an annual opportunity for public input on its stormwater management program through a public board meeting and incorporates public feedback into program implementation where appropriate.

B.6 Program Coordination

Measurable Goals: The NTRD has 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.

Approach: The NTRD has promoted the Adopt-A-Highway program whereby public or private organizations or clubs can offer to clean up highway ditches (part of the MS4). NTRD provides volunteers with garbage bags and disposes of the collected waste bags. The NTRD also has an extensive recycling program that collects oils and other potential stormwater pollutants and disposes of them in an appropriate manner. The NTRD has continued and will continue to provide recycling services 24 hours a day, 365 days a year.

NTRD will assess the storm water public participation/involvement program annually and report this evaluation in the Annual Report. NTRD will adjust the materials and the delivery to address any shortcomings found in the assessment. The assessment will include a summary of the following measurable actions, if applicable:

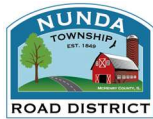
1. Number of watershed workgroup meetings attended;
2. Number of Adopt-A-Highway participants; and
3. Number of public meetings regarding NPDES/stormwater issues

3. Illicit Discharge Detection and Elimination

C.1 Storm Sewer Map Preparation

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

Approach: The NTRD continues updating their outfall map as needed. The outfalls are visited on a regular basis while roadside drainage systems are being maintained.



C.2 Illicit Discharge Detection and Elimination (IDDE) Ordinance

The Township will rely on McHenry County's regulatory control program, including the County's Illicit Discharge Detection and Elimination (IDDE) ordinance, which prohibits non-stormwater discharges and provides enforcement mechanisms.

C.3 Detection/Elimination Prioritization Plan

Measurable Goals: 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. High priority outfalls will be identified and visited annually.

Approach: The Township will continue utilizing Dry Weather Screening to identify illicit discharges, as needed. The Road District's jurisdiction is primarily within residential land use areas. There are minimal industrial and commercial areas adjacent to the Road District's roadways and therefore no high priority outfalls have been identified to date.

C.4 Illicit Discharge Tracing Procedures

Measurable Goals: 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.

Approach: The NTRD has continued developing training to perform activities such as illicit discharge tracing procedures and visual dry weather outfall screening. Staff successfully completed outfall inspections in 2025.

C.5 Illicit Source Removal Procedures

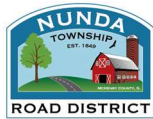
Measurable Goals: The NTRD will continue developing written procedures and performing Illicit Discharge evaluation in accordance with BMPs C.4 and C.7. If any illicit discharges are suspected or found, NTRD will inform the County for further enforcement action under the County Ordinances.

Approach: The NTRD is continuing to develop written procedures and will continue to perform Illicit Discharge evaluation in accordance with BMPs C.4 and C.7.

C.6 Program Evaluation and Assessment

NTRD will assess the storm water illicit discharge detection and elimination program annually and report this evaluation in the Annual Report. NTRD will adjust the materials and the delivery to address any shortcomings found in the assessment. The assessment will include a summary of the following measurable actions, if applicable:

1. Number of dry weather inspections conducted;
2. Number of illicit discharges eliminated;
3. Number of new outfalls or high priority outfalls identified



C.7 Visual Dry Weather Screening

Measurable Goals: 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 standardization form has been used to keep a record of the screenings as they take place.

Approach: NTRD has tracing and removal procedures in place and is prepared to initiate these procedures if an illicit discharge is identified in the future. Due to the characteristics of the NTRD jurisdiction, no high priority outfalls have been identified to date.

During inspections, Township personnel observe outfalls for indicators such as discoloration, odor, turbidity, or sheen. Any observed abnormalities would trigger additional investigation procedures.

C.9 Public Notification of Illicit Discharge Ordinance—N/A.

The NTRD's ownership is limited to roadway ROW within the Township. Any illicit discharges found within the Township will be enforced by the County under its IDDE Ordinance.

4. Construction Site Runoff Control

Development within Nunda Township is regulated by McHenry County. The County Stormwater Management Ordinance includes provisions for the control of storm water runoff during construction. The McHenry County Department of Planning and Development also has procedures for the orderly review of new development. 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 Township will rely on McHenry County to implement construction site runoff control requirements, including regulatory control, site plan review, inspection, and enforcement procedures. These activities include verification of erosion and sediment control measures prior to land disturbance and during construction.

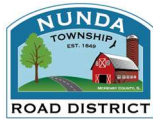
The Township will rely on the County to maintain an inventory of active construction sites disturbing one acre or more, including relevant project information and permit coverage. Construction site inspections are conducted by County personnel at key phases, including prior to land disturbance and during construction, to ensure compliance with erosion and sediment control requirements.

The Township will support construction operator education through the availability of State and County materials and requirements for compliance with stormwater management practices.

NTRD will assess the construction site runoff control program annually and report this evaluation in the Annual Report. NTRD will adjust the materials and the delivery to address any shortcomings found in the assessment. The assessment will include a summary of the following measurable actions, if applicable:

1. Number of site inspections conducted by the County;
2. Number of violations found during site inspections; and
3. Number of enforcement/corrective actions taken by the County

5. Post-Construction Runoff Control



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

Post-construction stormwater management strategies implemented by the County include practices intended to minimize runoff volume and improve water quality, such as detention, infiltration, and other best management practices where applicable. These practices incorporate long-term operation and maintenance requirements.

NTRD will assess the post-construction site runoff control program annually and report this evaluation in the Annual Report. NTRD will adjust the materials and the delivery to address any shortcomings found in the assessment. The assessment will include a summary of the following measurable actions, if applicable:

1. Annual training conducted

6. Pollution Prevention/Good Housekeeping

F.1 Staff Training

Measurable Goals: 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.

Approach: NTRD is interested in investigating free webinars related to NPDES, salt application, and pollution prevention. The District plans on attending the McHenry/Lake County MS4 training if it is offered again.

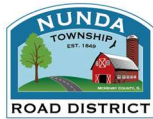
Training includes pollution prevention practices, debrising material management, stormwater system maintenance, and spill prevention procedures.

F.2-F.4 NTRD Facility Operation and Maintenance Program

Measurable Goals: 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.

Approach: The NTRD has continued to implement the Operation and Maintenance Program. The NTRD has comprehensive recycling and waste services for its residents, as highlighted on their website:
<http://nundaroaddistrict.com/recycling/>

NTRD accepts car and truck batteries, cans, bottles, brush, waste oils, light bulbs, some electronics, and tires. Their website has a map of their facility for proper sorting of recycled material and offers a schedule for when certain



wastes are accepted. Additionally, NTRD has a Green Guide on their website which offers detailed information about recycling and where to dispose of household hazardous wastes. By accepting material for recycling and offering information about proper waste disposal procedures for residents, NTRD is helping to minimize illegal dumping and pollution into local waterways.

The Township will maintain an inventory of its municipal facilities, including maintenance facilities, salt storage areas, and recycling operations.

The Township will conduct routine inspections of these facilities to identify potential pollutant sources and ensure proper material storage and handling practices. Any observed deficiencies are addressed as part of ongoing maintenance activities.

Township personnel will also observe drainage infrastructure during routine operations and perform maintenance activities as necessary to minimize pollutant discharge.

The Township performs regular street cleaning and will establish a catch basin cleaning schedule.

NTRD will assess the pollution prevention/good housekeeping program annually and report this evaluation in the Annual Report. NTRD will adjust the materials and the delivery to address any shortcomings found in the assessment. The assessment will include a summary of the following measurable actions, if applicable:

1. Annual training conducted;
2. Number of pollution prevention inspections of the facilities;
3. Street sweeping activities; and
4. Catch basin cleaning activities