Nunda Township, Illinois

Stormwater Management Plan

**Introduction**

Nunda Township 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 Plan (SWMP) to prevent and reduce pollution to its MS4 to the maximum extent practicable. This document describes the pollution prevention practices that comprise the Township’s stormwater management plan.

The Township has reviewed the Illinois Environmental Protection Agency’s (IEPA) website for current 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, there are impaired waterbodies in and within 3 miles of Nunda Township limits. That waterbodies are:

* Fox River (Assessment ID: IL\_DT-22);
* Griswold Lake (Assessment ID: IL\_RTY);
* Lily Lake (Assessment ID: IL\_RTZG);
* Silver Lake (Assessment ID: IL\_RTW); and
* Lake Killarney (Assessment ID: IL\_RTZV).

The Fox River is the only waterway located within the Nunda Township Road District’s jurisdiction which has a current TMDL and no waterways in the area have a planned TMDL. The Fox River is impaired by chlorides in this reach. The Township 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 (EJ) Screening tool to determine if the current program required modification to reach underserved communities. The screening tool did not identify any areas within the Nunda Township Road district that were highly linguistically isolated or low-income populations.

**Public Education and Outreach**

• Website: Nunda Township currently maintains a web page dedicated to NPDES which contains links to the past facility inspection reports and annual update letters. Also on Township’s website are links to relevant articles and organizations that promote stormwater quality.

**Public Involvement and Participation**

• Participate in a local watershed group meeting or offer to host a local watershed group meeting at a Township facility. The Township is interested in beginning involvement with the Friends of the Fox River committees.

• The Township conducts a minimum of one public meeting each year that discusses the stormwater management plan and what residents can do to get involved with scheduled clean-up activities. There is an open comment period at a Township Board Meeting where public involvement and participation occurs.

• The Township 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 Township will continue to promote this program to provide opportunities for public involvement. Interest in the program has remained steady in Year 18, although no volunteers have officially signed up. Additionally, the Township has an extensive recycling program that collects oils, paints and other potential stormwater pollutants and disposes of them in an appropriate manner.

**Illicit Discharge Detection and Elimination**

• Outfall Map – The Township has maintained and updated copy of their outfall map, which is used to trace discharges.

• Resident Reporting – Any illicit discharge is reported to McHenry County to be enforced by the County under its IDDE ordinance.

• Detection – Township staff intends to inspect the outfalls for evidence of illicit discharges while performing routine operation and maintenance activities. Residential and commercial buildings in unincorporated McHenry County are handled by County staff.

• Periodic Inspection – The Township will continue utilizing Dry Weather Screening to identify illicit discharges, as needed. The outfalls are visited on a regular basis while roadside drainage systems are being maintained. If an illicit discharge is found, it is documented, and the tracing and removal procedures are followed. 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.

• Program Evaluation– Input from the public is processed through the Township Road District Staff or at Township Meetings. The policies of the Township are evaluated and modified to maintain compliance and meet policy goals.

**Construction and Post Construction Site Storm Water 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.

**Stormwater Pollution Prevention for Township Operations**

• Training - The Township 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 township will actively seek out virtual training seminars for staff.

• Inspection and Maintenance – Ditches and culverts are visually inspected on a regular basis. The drainage system is inspected visually periodically and a video camera may be used in areas of concern on an as needed basis. Maintenance is performed on the drainage system, as necessary.

• Road Program – The Township’s Road Program was set-up to allow for the grading of ditches and replacement of culverts in the year prior to the roads being resurfaced. The completion of a planned program needs to be weighed against the need to correct road issues in the Spring that may arise due to the winter freeze/thaw conditions. The roads being resurfaced each year are tracked on the Township’s Road map.

• Street Sweeping – The Village completes street sweeping annually on all streets and completes additional sweeping on an as-needed basis.

• Material Storage – Flammable materials (other than fuel) at Township facilities are contained in indoors. Fuel is contained in a separate locked outside area. Road salt and other Township operations materials are stored under permanent cover.

• Fleet Maintenance and Cleaning – Maintenance and cleaning are performed inside the Public Works facility where floor drains are connected to triple basins and a wash water recycling system.

• Landscaping – The Township does not perform any pesticide, herbicide or fertilizer application.

• Waste Disposal – The Township contracts with Marengo Disposal and Waste Management directly to provide garbage disposal and recycling containers.

**Good House Keeping**

• Notice of Intent – The Township submitted a revised Notice of Intent to IEPA in 2021 to comply with the conditions of the General Permit. This Notice of Intent describes the practices the Township intends to implement in order to meet the conditions of the General Permit.

• Annual Report – Each year HR Green, Inc. submits a report to the IEPA for the Township documenting its status of compliance with the conditions of the General Permit. The NOI and Annual reports are maintained on the Township’s website.

O:\Exceptions\Municipalities\NUNDA\NPDES\Stormwater Management Plan-Nunda.Docx