

# Wheatland Township, Illinois

## Stormwater Management Plan

### **Introduction**

Wheatland 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 program to prevent and reduce pollution to its storm sewer system to the maximum extent practicable. This document describes the pollution prevention practices that comprise the Township's stormwater management program.

### **Public Education and Outreach**

- Newsletter - The Township publishes an annual newsletter that notifies residents of important information and upcoming events. The newsletter includes one stormwater related portion once a year. The newsletter periodically includes articles on topics such as: the impacts of stormwater discharges on water bodies; the steps that the public can take to reduce pollutants in stormwater runoff; the hazards associated with illegal discharges and improper disposal of waste; and green infrastructure.
- HOA Newsletter - The Township participates in various newsletters completed by Homeowner's Associations (HOA). The Township will include pertinent information relating to the township and upcoming events. The township will provide the HOA with articles on topics such as: the impacts of stormwater discharges on water bodies; the steps that the public can take to reduce pollutants in stormwater runoff; the hazards associated with illegal discharges and improper disposal of waste; and green infrastructure; to include in the newsletter.

### **Public Involvement and Participation**

- Clean-Up Day Event – Once a year, the Township sponsors a park clean-up day that is attended by various community groups including the cub scouts. This activity demonstrates how cleanup efforts, yearlong maintenance, and conservation efforts contribute to the condition of our local and regional environment.
- 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.

## **Illicit Discharge Detection and Elimination**

- Storm Sewer System Map – The Township has a digitized map of the entire storm sewer system, which is used to trace discharges. Township outfalls are numbered and the map is updated as needed.
- Resident Reporting – Residents can report instances of pollution or suspected pollution by contacting the Township’s illicit discharge hotline at (630) 717-0092 or by initiating an email inquiry through the Township website. Employees and the public are informed through verbal interaction and educational material of the hazards of illicit discharges that these conduits are in place for the reporting of illicit discharges.
- Detection – Township staff inspects the outfalls for evidence of illicit discharges while performing routine operation and maintenance activities. Residential and commercial buildings are inspected by state certified plumbing inspectors during permit review and inspection by the County.
- Periodic Inspection – The Township conducts periodic inspections, typically in dry weather conditions to detect illicit discharges. These inspections are performed by trained Township staff members. In the case of emergency spills or incidents of hazardous material the situation is referred to the Fire Protection District for containment and cleanup.
- Program Evaluation– Input from the public is processed through the existing work order system. 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**

- The Will County Stormwater Ordinance is applicable to Wheatland Township. This Ordinance addresses the volume and rate of release from regulated development sites.
- Will County Code – The Stormwater Ordinance addresses construction and post-construction runoff from new development and re-development. The County reviews proposed site plans prior to issuing permits for development. Ongoing projects are inspected by the County to ensure conformance with the approved site plan.
- County Code prohibits illicit discharges, requires erosion control measures on all sites, and requires construction sites above one acre to have a Stormwater Pollution Prevention Plan (SWPPP). The building and engineering reviews as well as the pre-construction meeting to ensure that appropriate Best Management Practices (BMPs) are incorporated into plans.

## **Stormwater Pollution Prevention for Township Operations**

- Employee Training – Public Works Department staff is trained on such topics such as: material storage, hazardous wastes, illicit discharges, equipment cleaning, vehicle maintenance, street maintenance, and lawn and landscape care. The goal is to generally train all new employees and conduct periodic training every five years.
- Street Sweeping – The Township hires a company to sweep all streets approximately once per year and supplemental sweeping is conducted as needed. The contractor removes and disposes of all collected debris as part of their contract.
- Catch Basin Vactoring – The Township hires a company to vactor catch basins periodically and schedules at least 50 to be cleaned each year (there are approximately 100 catch basins in the township). Supplemental vactoring is conducted as needed based on visual inspection of the catch basins. The contractor removes and disposes of the vacuumed material.
- Inspection and Maintenance – Stormwater detention facilities and catch basins are visually inspected on a regular basis. The storm sewer system is inspected visually periodically and a video camera may be used in areas of concern. Maintenance is performed on the storm sewer system, as necessary.
- Material Storage – Flammable materials (other than fuel) at township facilities are contained 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 the sanitary sewer system.
- Landscaping – Minimal amounts of pesticides and herbicides are used by the Township and are only applied on Township property by trained applicators. Pesticides are not stored at the township.
- Waste Disposal – The Township contracts with Groot directly to provide garbage disposal and recycling containers.

## **Good House Keeping**

- Notice of Intent – The Township is submitting a revised Notice of Intent to IEPA in 2016 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.