



# Village of Homer Glen, Illinois

## Stormwater Management Plan

### **Introduction**

The Village of Homer Glen has a General Permit from the Illinois Environmental Protection Agency (IEPA) for its Municipal Separate Storm Sewer System (MS4) and as such the Village 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 Village's stormwater management program.

The Village 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 within the Village of Homer Glen limits. That waterbodies are:

- Spring Creek (Assessment ID: IL\_GGA-02),
- Fiddymont Creek (Assessment ID: IL\_GHC) and
- Hickory Creek (Assessment ID: IL\_GG-04)

Although these waterways are impaired, there are no ongoing or approved TMDL limits for the streams. Therefore, no changes to the existing best management practices (BMPs) will be required to comply with a TMDL at this time.

The Village has also reviewed the EPA's Environmental Justice (EJ) mapper reports and has determined that there are no changes required to the program to tailor communications to residents. There are demographics data showing populations of potentially linguistically isolated residents within the Village however this does not appear to be a significant percentage of the community and the Village has not historically had communication issues with residents.

### **Public Education and Outreach**

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



The Village also has a comprehensive page on the website devoted to the environment. This page promotes items related to solar power, conservation design, recycling programs, stormwater pollution and tree preservation.

### **Public Involvement and Participation**

- Clean-Up Day Event – The Village sponsors creek clean-up day that is attended by various community groups including the cub scouts. This activity demonstrates how cleanup efforts, year-long maintenance, and conservation efforts contribute to the condition of our local and regional environment.
- The Village 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 Village Board Meeting where public involvement and participation occurs.

### **Illicit Discharge Detection and Elimination**

- Storm Sewer System Map – The Village has a digitized map of the entire storm sewer system, which is used to trace discharges.
- Resident Reporting – Residents can report instances of pollution or suspected pollution by contacting the Village’s illicit discharge hotline at 708-301-0632. 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 – Village staff intends to inspect 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 Village
- Periodic Inspection – The Village conducts periodic inspections, typically in dry weather conditions to detect illicit discharges. These inspections are performed by trained Village staff members and/or consultants. 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 Public Works and Building Departments. The policies of the Village 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 Homer Glen. This Ordinance addresses the volume and rate of release from regulated development sites. The Village has adopted the County's Ordinance in their own ordinance and has modified it to incorporate additional requirements for conservation and stormwater pollution prevention.
- Homer Glen Code – The Stormwater Management Ordinance addresses construction and post-construction runoff from new development and re-development. The Village reviews proposed site plans prior to issuing permits for development. Ongoing projects are inspected by the Village to ensure conformance with the approved site plan.
- Village 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) and permit under the IEPA's ILR10 General Permit. The reviews as well as the pre-construction meeting to ensure that appropriate Best Management Practices (BMPs) are incorporated into plans. Construction sites are inspected regardless of size to ensure soil erosion and sediment control practices are taking place.

## **Stormwater Pollution Prevention for Village 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, appropriate salt application practices and lawn and landscape care. The goal is to generally train all new employees and conduct periodic training.
- Street Sweeping – The Village completes street sweeping annually on all streets and completes additional sweeping on an as-needed basis.
- Catch Basin Vactoring – The Village vacuums catch basins periodically. Supplemental vactoring is conducted as needed based on visual inspection of the catch basins. The Village 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 Village facilities are contained indoors. Fuel is contained in a separate locked outside area. Road salt and other Village 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 used by the Village and are only applied on Village property by trained applicators. Pesticides are limited to solid state mosquito control tablets. The Village maintains an NPDES permit (ILG870303) for the use of these larvicides. The Village does not perform any herbicide or fertilizer application.
- Waste Disposal – The Village contracts with NuWay directly to provide garbage disposal and recycling containers.

### **Good House Keeping**

- Notice of Intent – The Village 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 Village 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 Village documenting its status of compliance with the conditions of the General Permit. The NOI and Annual reports are maintained on the Village's website.