



Village of Machesney Park, Illinois Stormwater Management Plan

Introduction

The Village of Machesney Park has a General Permit from the Illinois Environmental Protection Agency (IEPA) for discharges from its municipal separate storm sewer system. The General Permit requires the Village to develop, implement, and enforce a stormwater management program designed to prevent and reduce pollution to its storm sewer system to the maximum extent practicable. This document describes the pollution prevention practices that the Village implements to manage the Village's stormwater program.

Public Education and Outreach

- Paper Handouts – The Village will create and distribute pamphlets, flyers or other information pieces for residents and contractors making them available at Village Hall and distributed on construction sites.
- Newsletter - The Village publishes a bi-annual newsletter that is mailed to all residents. Copies of the newsletters are also available on the Village website and here in our office. The newsletter includes articles about soil and erosion control and the methods and practices to prevent discharge to our stormwater system as well as education for residents and contractors for construction sites and pollution control.
- Website - The Village maintains a website with educational information for the public regarding stormwater pollution prevention, which is added to periodically.
- Social Media – The Village regularly updates the Village's social media accounts with community clean up events to help gain better participation by its residents.

Public Participation and Involvement

- Resident Reporting – Residents can report instances of pollution or suspected pollution by contacting the Village at (815) 877-5432.
- Spring/Fall Clean-Up – The Village will promote semi-annual clean-up events with our local Keep Northern Illinois Beautiful organization that encourages residents to properly dispose hazardous household goods at approved drop off locations in the Village and nearby communities.
- Yard Waste Disposal – The Village will work with our contracted disposal service to encourage residents to properly dispose of leaves, brush, and yard waste through our disposal companies weekly yard waste pick up and leaf vacuuming that is done yearly in the fall.

Illicit Discharge Detection and Elimination

- Storm Sewer System Maps – The Village will maintain a map showing the location of its storm sewer and inlet locations and update annually.
- Village Ordinances – Chapter 8.1401 and 8 1/2 of the Village Code regulates the discharge of pollutants into the drainage system, prohibits illegal connections to the storm sewer system, and establishes the legal authority to ensure compliance.
- Detection Plan/Routine Inspection – The Village will create and update as necessary a base map outlining outflow locations, watershed(s) and areas where there is the greatest concern for pollutant runoff. These maps are used to determine locations for inspections.
- Tracing Procedures - The Village will create a procedure for how to respond to a report of observed or suspected illicit discharge.
- Discharge Removal - The Village will use a fining process to insure compliance for removal of any illicit discharges.
- The Village shall conduct visual dry weather screenings of its known storm sewer outfalls to insure compliance and keep a record of all visits.

Construction Site Runoff Control

- The Village regulatory program enforces a Stormwater Management Ordinance and has certified inspectors to enforce the Ordinance within Village limits.
- The Village requires erosion and sediment control permits and control measures to be installed along with the control of construction material debris. Proposed erosion and sediment control measures are reviewed prior to construction during the permit review process and inspections during construction. Compliance of the ordinance shall be enforced through a fining process and an administrative hearing.
- Construction waste shall be controlled through enforcement of Village code chapter 8 ½ and chapter 14, Article 2 which provides requirements for control of waste materials.
- Site plan reviews shall be used to review all construction plans for appropriate BMP's by the Village Engineer, Public Works Superintendent or other qualified staff member.

Post-Construction Runoff Control

- The Village does not have a formally adopted regulatory control program ordinance for control post construction runoff but shall perform post-construction inspections as part of our current permit requirements insuring compliance at the end of a project and as needed to insure ongoing compliance.
- The Village does not have a formally adopted ordinance or procedure for long term operations and maintenance. The Village does use other methods to insure compliance by developers.

Pollution Prevention/Good Housekeeping

- Employee Training – Village staff from the Public Works Department shall receive periodic training in stormwater pollution prevention practices for municipal operations when available. This training shall consist of in person and online training when available. Currently the Village has two certified inspectors that have been certified by the National Stormwater Center.

- The Village shall perform regular inspections of all municipal facilities (buildings, parks and open space) to insure compliance with waste disposal and prevention of hazardous material spills and contamination.
- Vehicles repairs – The Village uses off-site maintenance service for all repairs and maintenance of Village vehicles reducing the amount of hazardous waste to be disposed of.
- Material Storage – Road salt is stored in a covered storage building. Other materials that are stored outdoors and could be carried by runoff into the storm sewer system shall be covered by a tarp when not in use.
- Equipment Maintenance and Cleaning – Equipment cleaning is performed inside the Public Works facility where floor drains are connected to triple basins and the sanitary sewer system, rather than the storm sewer system.
- Staff shall be trained when applicable on how to handle and/or dispose of hazardous wastes and implement procedures for prevention of contamination. Staff currently does and shall continue to utilize outside contractors for many of its activities reducing the need for some operational controls.
- Waste Disposal – The Village will perform routine inspections of its facilities, parks and right of ways cleaning up any debris and properly disposing of the materials at a proper disposal or recycling facility.

Reporting

- Annual Facilities Report – Each year the Village shall submit an annual facilities report to the IEPA documenting its status of compliance with the conditions of its General Permit.