

STORM WATER MANAGEMENT PROGRAM

PROPOSED BEST MANAGEMENT PRACTICES AND MEASURABLE GOALS

CITY OF HICKORY HILLS, ILLINOIS

I. Introduction and Requirement to Develop Plan

The City of Hickory Hills (**The City**) is required; as a condition of General Permit ILR40 issued by the Illinois Environmental Protection Agency (**IEPA**) under the National Pollutant Discharge Elimination System (**NPDES**) Permit Program; to develop, implement, and enforce a storm water management program (**SWMP**) designed to reduce the discharge of pollutants from its small municipal separate storm sewer system (**MS4**) to the maximum extent practicable (**MEP**), to protect water quality, and to satisfy the appropriate water quality requirements of the Illinois Pollution Control Board Rules and Regulations (35 Ill. Adm. Code, Subtitle C, Chapter 1) and the Clean Water Act. This SWMP must include the minimum control measures (**MCMs**) described in section II of this document.

The Notice of Intent form required that the City indicate what Best Management Practices (**BMPs**) will be used to implement the MCMs. The measurable goals proposed for the implementation of the SWMP in the City's NOI are administrative actions required for the development of the SWMP and some operational activities of the City. It is anticipated that implementation of structural BMPs may be included with the implementation of MCMs D, E & F.

II. Minimum Control Measures

The 6 MCMs to be included in the SWMP are:

A. Public Education And Outreach On Storm Water Impacts

This MCM is to be implemented using the following program elements:

1. The implementation of a public education program by distributing educational materials to the community.
2. The following BMPs are to be included in this MCM:
 - a. Newsletter Articles – include one article per year in the City Newsletter educating the community of some aspect of storm water pollution reduction.
 - b. Literature Available on Information Rack in the City Hall – have **two types pamphlets** related to storm water pollution reduction available and distribute.

B. Public Involvement/Participation

The MCM is to be implemented using the following program elements:

1. The City will hold meetings that comply with State and local public notice requirements and which provide for public involvement/ participation in the SWMP.
2. The following BMPs are to be included in this MCM:
 - a. Public Meetings – The City shall hold one public hearing or forum before the City Council or designated Committee at least **once per calendar year**.

C. Illicit Discharge Detection and Elimination

The MCM is to be implemented using the following program elements:

1. It will develop, implement and enforce a program to detect and eliminate illicit discharges into its MS4 with the following elements.
 - a. Complete and maintain a current storm sewer system map, showing the location of all outfalls and the names and location of all waters that receive discharges from those outfalls;
 - b. Effectively prohibit, through ordinances to the extent allowable under state or local laws, non-storm water discharges into the storm sewer system and implement appropriate enforcement procedures and actions;
 - c. Implement an adequately funded plan to detect and address non-storm water discharges, including illegal dumping, to its MS4;
 - d. Informing public employees, businesses, and the general public of hazards associated with illegal discharges and improper disposal of waste;
 - e. Identify the significant contributors of pollutants to the MS4, if any, and address as appropriate.

D. Construction Site Storm Water Runoff Control

The MCM is to be implemented using the following program elements:

1. The development, implementation, and enforcement of a program to reduce pollutants in any storm water runoff to the City's small MS4 from construction activities that result in a land disturbance of greater than or equal to one-half (0.5) acre, part of a larger common plan of development, or otherwise identified by the

City. This shall be achieved with a set of ordinances and/or regulations with the following elements.

- a. Requirements for erosion and sediment controls for applicable construction projects, with sanctions to ensure compliance.
- b. Requirements for construction site operators to implement the appropriate erosion and sediment control best management practices.
- c. Requirements for construction site operators to control waste such as discarded building materials, concrete truck washout, chemicals, litter, and sanitary waste at the construction site that may cause adverse impacts to water quality.
- d. A requirement that all regulated construction sites have a storm water pollution prevention plan that meets the requirements of Part IV of NPDES permit No. ILR10 including management practices, controls, and other provisions at least as protective as the requirements contained in the Illinois Urban Manual, 2002.
- e. Procedures for site plan reviews that incorporate consideration of potential water quality impacts and review of individual pre-construction site plans to ensure consistency with local sediment and erosion control requirements.
- f. Procedures for receipt and consideration of information submitted by the public.
- g. Procedures for site inspections and enforcement of control measures.

E. Post-Construction Storm Water Management in New Development and Redevelopment

The MCM is to be implemented using the following program elements:

1. The development, implementation, and enforcement of a program to address storm water runoff from new development and redevelopment projects that disturb greater than or equal to one-half (0.5) acre, including projects less than one-half (0.5) acre that are part of a larger common plan of development or sale or that have been designated to protect water quality, that discharge into the MS4. The program will be developed to ensure that controls are in place that will protect water quality and reduce the discharge of pollutants to the maximum extent practicable by including the following components.

- a. The development and implementation of strategies which shall include a combination of structural and/or non-structural BMPs appropriate for the City that will reduce the discharge of pollutants to the maximum extent practicable.
- b. The development and enforcement of an ordinance to address post-construction runoff from new development and redevelopment projects to the extent allowable under state or local law.
- c. Requirements that all regulated construction sites to have post-construction management that meets or exceeds the requirements of Section IV (D)(2)(b) of NPDES permit No. ILR10 including management practices, controls, and other provisions at least as protective as the requirements contained in the Illinois Urban Manual, 2002.
- d. A program to ensure adequate long-term operation and maintenance of the required BMPs.

F. Pollution Prevention/Good Housekeeping for Municipal Operations

The MCM is to be implemented using the following program elements:

1. Development and implementation of an operation and maintenance program. Using training materials that are available from EPA, the state of Illinois, or other organizations, the program will include employee training to prevent and reduce storm water pollution from activities such as park and open space maintenance, fleet and building maintenance, operation of storage yards, snow disposal, new construction and land disturbances, and storm water system maintenance procedures for proper disposal of street cleaning debris and catch basin material, address ways that flood management projects impact water quality, nonpoint source pollution control, and aquatic habitat. The program will be developed to ensure that controls are in place that will protect water quality and reduce the discharge of pollutants to the maximum extent practicable.
2. The following BMPs are to be included in this MCM:
 - a. The City's floodplain management program is ongoing and is considered to be a BMP.
 - b. The City shall determine and list what BMPs are currently in place that protect water quality and reduce the discharge of pollutants.

- c. The City shall determine and list what additional BMPs might be able to be utilized in its municipal operations to protect water quality and reduce the discharge of pollutants to the maximum extent practical.
- d. The City shall develop a process to determine the most appropriate BMPs for its operation, select which BMPs shall be implemented and develop a program and schedule for implementation of those BMPs.
- e. The City shall develop and implement a training program for all applicable City employees and contractors on the implementation, maintenance and operation of BMPs as appropriate.