



VILLAGE OF HODGKINS

STORM WATER MANAGEMENT PLAN

(MS4) NPDES PERMIT No. ILR400356

The Village of Hodgkins in compliance with the Illinois Environmental Protection Agency (IEPA) and the Metropolitan Water Reclamation District of Greater Chicago (MWRDGC) has developed this Storm Water Management Plan to establish minimum standards to safeguard persons, for protection and to prevent despoliation of our environment, to protect property and promote public welfare.

The intent of this plan is to set measureable goals for Best Management Practices (BMPs) and periodically review, revise or make additions to these goals to ensure compliance to the standards as set forth

Best Management Practices:

1. PUBLIC EDUCATION AND OUTREACH ON STORM WATER IMPACTS
2. PUBLIC INVOLVEMENT AND PARTICIPATION
3. ILLICIT DISCHARGE DETECTION AND ELIMINATION
4. CONSTRUCTION SITE STORM WATER RUNOFF CONTROL
5. POST-CONSTRUCTION STORM WATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT
6. POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

1. Public Education and Outreach on Storm Water Impacts:

A water quality education program that will allow for the distribution of educational materials to local governing agencies and will conduct equivalent outreach activities about the impacts of storm water discharges on water bodies and the steps that the public can take to reduce pollutants in storm water runoff that fulfill the requirements for the Public Education and Outreach minimum control measure of the NPDES Phase II MS4 permit.

BMP No. 1.A: Distributed Paper Material.

- Description. The Village to include an informational article in their Village Newsletter. The articles are to include general information on the Village's storm water system and the need for pollution prevention.
- Measureable Goals and Frequency. The yearly newsletter is to be mailed to homeowners and available at Village Hall. Record the number of copies sent.

BMP No. 1.B: Distributed Paper Material.

- Description. The Village Building Department to include storm water pollution and erosion control informational pamphlets with all approved site development permits. Pamphlets are also available for pick-up at the Village Hall.
- Measureable Goals and Frequency. Record number of permits issued yearly and number of pamphlets printed.

BMP No. 1.C: Distributed Paper Material.

- Description. The Village Clerk's Office to include storm water pollution and erosion control informational pamphlets with all business license approvals and renewals.
- Measureable Goals and Frequency. Record number of licenses issued yearly

BMP No. 1.E: Other Public Education.

- Description. The Village to provide information on their web site with links to other storm water and pollution educational sites to educate public on importance of erosion control implementation.
- Measureable Goals and Frequency. Record the number of persons visiting the site.

2. Public Participation/Involvement:

It is important to get the public involved as part of the implementation of the Storm Water Management Plan. The public can play a vital role for the overall success of the Storm Water Management Plan. A Village developed program that coordinates volunteers from the general public as well as nonprofit agencies such civil and church organizations along with village staff.

BMP No. 2.A: Volunteer.

- Description. The Village to develop a program to be coordinated with local civil or church organizations such as youth groups (i.e.; Boys/Girl Scouts) to paint stencil

warning information (“Dump No Waste - Drains to River”) at all storm water inlets located in paved alleys and street curb lines.

- Measureable Goals and Frequency. Record the number of participants and actual storm water inlets stenciled yearly.

3. Illicit Discharge Detection and Elimination:

The Village of Hodgkins is presently working on identifying any potential sources of illicit discharge. There is proportionally a large amount of warehouse and industrial business within the corporate limits on Hodgkins. There needs to a concerted effort to ensure that the discharge from these business into both storm and sanitary sewers fully complies with State, Village and MWRDGC ordinances.

BMP No. 3.A: Storm Water Map Preparation.

- Description. The Village to update a digital storm sewer system atlas map. The map will be updated to include all new subdivisions and private developments.
- Measureable Goals and Frequency. Update storm sewer system atlas map yearly with coordination of Public Works and Building Department.

BMP No. 3.B: Inspections of Sewer System.

- Description. Internal video inspections of Storm and Sanitary Sewer main lines and random inspections of manhole structures (Inspection Manholes), grease traps and storm water out structures.
- Measureable Goals and Frequency. Keep records internal video inspections and note random inspections of local businesses and whenever violations occur. Keep records of businesses that have violations along with notifications to State and MWRDGC.

BMP No. 3.C: Public Notification.

- Description. The Village to provide a telephone number in both the Village newsletter and on their web site for residents and business owners to report storm water pollution violations.
- Measureable Goals and Frequency. Record the number of violations reported yearly.

4. Construction Site Runoff Control:

The Village of Hodgkins adopted a Soil Erosion and Sediment Control Ordinance (No. 07-10) adopted June 11, 2007 along with the MWRDGC Watershed Management Ordinance effective May 1, 2014 and amended July 10, 2014 include within these ordinances are requirements for: sediment and erosion control, including

recommendations for appropriate control practices; site plan reviews; public information handling procedures; and site inspection/enforcement procedures that fulfill the requirements for Construction Site Runoff Control minimum control measure of the NPDES Phase II MS4 permit.

BMP No. 4.A: Regulatory Control Program.

- **Description.** The Village has developed a storm water erosion control ordinance and adheres to the MWRDGC WMO that provides a regulatory mechanism for site development erosion control measure implantation and enforcement. These ordinances also include all NDPEs General Permit requirements.
- **Measureable Goals and Frequency.** Record the number of building permits issued which include erosion control measures and the number of violations and related enforcement actions.

BMP No. 4.B: Site Plan Review Procedures.

- **Description.** The Building Department site plan review process was expanded to include review of construction site development run-off and the need for effective erosion control measures.
- **Measureable Goals and Frequency.** Site plans are required to include a sediment and erosion control sheet and SWPPP (as applicable). Record number of permits approved.

BMP No. 4.C: Public Information Handling Procedures.

- **Description.** The Village newsletter and improved web site provides residents with contact information to report erosion control violations or to make inquiries regarding Erosion Control violations. The Building Department site plan review process was expanded to include review of construction site development run-off and the need for effective erosion control measures. This process is also coordinated with the on-site inspections to provide enforcement of the ordinance regulations.
- **Measureable Goals and Frequency.** Site plans require the inclusion of a sediment and erosion control sheet. Record number of permits approved and site inspections.

BMP No. 4.D: Site Inspection/Enforcement Procedures.

- **Description.** The Building Department site plan review process was expanded to include review of construction site development run-off and the need for effective

erosion control measures. This process is also coordinated with the on-site inspections to provide enforcement of the ordinance regulations.

- Measureable Goals and Frequency. Site plans require the inclusion of a sediment and erosion control sheet. Record number of permits approved and site inspections.

5. Post-Construction Runoff Control:

Within the Village Soil Erosion and Sediment Control Ordinance and MWRDGC WMO as noted above is the fundamental regulatory control program that enforces a policy to reduce pollutants in storm water runoff from construction activities as a result of any land disturbances within the Village of Hodgkins. Included within the ordinance are requirements for: long term operation and maintenance procedures; pre-construction review of Best Management Practices; site inspections during construction; and post construction inspections that fulfill the requirements for Post-Construction Runoff Control minimum control measure of the NPDES Phase II MS4 permit.

BMP No. 5.A: Regulatory Control Program.

- Description. The Village has developed a storm water erosion control ordinance that provides a regulatory mechanism for post construction run-off erosion and storm water control measure implementation.
- Measureable Goals and Frequency. Permanent erosion control measures are included in the site plan review and are inspected and approved before final occupancy is approved.

BMP No. 5.B: Long Term O&M Procedures.

- Description. The Village has developed a storm water erosion control ordinance that provides a regulator mechanism for the inspection and enforcement of a minimum level of maintenance of the approved site development storm water controls.
- Measureable Goals and Frequency. Permanent erosion control measures are included in the site plan review and are inspected and approved before final occupancy is approved. Schedule yearly inspection of developments with permanent erosion control measure installations.

BMP No. 5.C: Site Inspections During Construction.

- Description. The Building Department site plan review process was expanded to include review of permanent post construction site development run-off and storm water controls. This process was also coordinated with the on-site inspection to provide enforcement of the ordinance regulations.

- Measureable Goals and Frequency. Site plans require the inclusion of detailed post construction erosion and storm water control measures. Keep records of terminated and outstanding NPDES permits.

6. Pollution Prevention/Good Housekeeping:

The Village of Hodgkins will provide training to its employees using appropriate materials and programs from the State Illinois NRCS and other sources. We will implement the use of filter fabric, sediment logs and inlet filter bags for excavation work. Material storage bins have also been constructed to reduce the sediment runoff from soil piles.

BMP No. 6.A: Employee Training Program.

- Description. The Public Works and Building Department employees will receive training on how to incorporate pollution prevention techniques into municipal operations including new construction and land disturbances, and storm water system maintenance.
- Measureable Goals and Frequency. Education seminars and workshops conducted annually on pollution prevention and good housekeeping issues. Record number of employees in attendance yearly.

BMP No. 6.B: Inspection and Maintenance Program.

- Description. The Department of Public Works will continue its regularly scheduled street sweeping and storm sewer catch basin cleaning.
- Measureable Goals and Frequency. Street sweeping and catch basin inspection maintenance activities are scheduled as required.