

## LOCAL LAW \_\_\_ OF THE YEAR 2006

Be it enacted by the Town Board of the Town of Ossining as follows:

Section 1. The Code of the Town of Ossining is hereby amended by adding thereto a new chapter to be designated "Chapter 168 (Stormwater Management and Erosion and Sediment Control)" and to read as follows:

### Chapter 168 STORMWATER MANAGEMENT AND EROSION AND SEDIMENT CONTROL

#### Article I. General Provisions

##### § 168-1. Title.

This chapter shall be known and cited as the "Stormwater Management and Erosion and Sediment Control Law of the Town of Ossining."

##### § 168-2. Definitions.

- A. Unless specifically defined below, words and phrases used in this chapter shall be interpreted to have common English usage, to give effect to the purpose set forth in §168-3 and to provide reasonable application of this chapter.
- B. As used in this chapter, the following terms shall have the meaning indicated:

**AGRICULTURAL ACTIVITY** - the activity of an active farm including grazing and watering livestock, irrigating crops, harvesting crops, using land for growing agricultural products, and cutting timber for sale, but shall not include the operation of a dude ranch or similar operation, or the construction of new structures associated with agricultural activities.

**APPLICANT** - a property owner or agent of a property owner who has filed an application for a land development activity.

**BUILDING** - any structure, either temporary or permanent, having walls and a roof, designed for the shelter of any person, animal, or property, and occupying more than 100 square feet of area.

**CHANNEL** - a natural or artificial watercourse with a definite bed and banks that conducts continuously or periodically flowing water.

**CLEARING** - any activity that removes the vegetative surface cover.

DEDICATION - the deliberate appropriation of property by its owner for general public use.

DEPARTMENT - the New York State Department of Environmental Conservation.

DESIGN MANUAL - the New York State Stormwater Management Design Manual, most recent version including applicable updates, that serves as the official guide for stormwater management principles, methods and practices.

DEVELOPER - a person who undertakes land development activities.

EROSION CONTROL MANUAL - the most recent version of the “New York Standards and Specifications for Erosion and Sediment Control” manual, commonly known as the “Blue Book.”

FACILITY OWNER - a person who owns stormwater control facilities as defined herein.

GRADING - excavation or fill of material, including the resulting conditions thereof.

IMPERVIOUS COVER - those surfaces, improvements and structures that cannot effectively infiltrate rainfall, snow melt and water (e.g., building rooftops, pavement, sidewalks, driveways, etc).

INDUSTRIAL STORMWATER PERMIT - a State Pollutant Discharge Elimination System permit issued to a commercial industry or group of industries which regulates the pollutant levels associated with industrial stormwater discharges or specifies on-site pollution control strategies.

INFILTRATION - the process of percolating stormwater into the subsoil.

LAND DEVELOPMENT ACTIVITY - construction activity including clearing, grading, excavating, soil disturbance or placement of fill that results in land disturbance of equal to or greater than one (1) acre, or activities disturbing less than one (1) acre of total land area that is part of a larger common plan of development or sale, even though multiple separate and distinct land development activities may take place at different times on different schedules.

LANDOWNER - the legal or beneficial owner of land, including those holding the right to purchase or lease the land, or any other person holding proprietary rights in the land.

MAINTENANCE AGREEMENT - a legally recorded document that acts as a property deed restriction, and which provides for long-term maintenance of stormwater management practices.

NONPOINT SOURCE POLLUTION - pollution from any source other than from any discernible, confined, and discrete conveyances, and shall include, but not be limited to, pollutants from agricultural, silvicultural, mining, construction, subsurface disposal and urban runoff sources.

PHASING - clearing a parcel of land in distinct pieces or parts, with the stabilization of each piece completed before the clearing of the next.

**POLLUTANT OF CONCERN** - sediment or a water quality measurement that addresses sediment (such as total suspended solids, turbidity or siltation) and any other pollutant that has been identified as a cause of impairment of any water body that will receive a discharge from the land development activity.

**PERSON** – Any person, firm, partnership, association, corporation, company, organization or other legal entity of any kind, including public agencies and municipal corporations.

**PROJECT** - land development activity.

**RECHARGE** - the replenishment of underground water reserves.

**SEDIMENT CONTROL** - measures that prevent eroded sediment from leaving the site.

**SILVICULTURAL** - of or relating to the management and care of forests.

**SPDES GENERAL PERMIT FOR CONSTRUCTION ACTIVITIES GP-02-01** - A permit under the New York State Pollutant Discharge Elimination System (SPDES) issued to developers of construction activities to regulate disturbance of one or more acres of land.

**SPDES GENERAL PERMIT FOR STORMWATER DISCHARGES FROM MUNICIPAL SEPARATE STORMWATER SEWER SYSTEMS GP-02-02** - A permit under the New York State Pollutant Discharge Elimination System (SPDES) issued to municipalities to regulate discharges from municipal separate storm sewers for compliance with EPA established water quality standards and/or to specify stormwater control standards.

**STABILIZATION** - the use of practices that prevent exposed soil from eroding.

**STOP WORK ORDER** - an order issued by the duly authorized municipal authority which requires that all land development activity and other construction activity on a site be stopped.

**STORMWATER** - rainwater, surface runoff, snowmelt and drainage.

**STORMWATER HOTSPOT** - a land use or activity that generates higher concentrations of hydrocarbons, trace metals or toxicants than are found in typical stormwater runoff, based on monitoring studies.

**STORMWATER MANAGEMENT** - the use of structural or non-structural practices that are designed to reduce stormwater runoff and mitigate its adverse impacts on property, natural resources and the environment.

**STORMWATER MANAGEMENT FACILITY** - one or a series of stormwater management practices installed, stabilized and operating for the purpose of controlling stormwater runoff.

**STORMWATER MANAGEMENT OFFICER** - an employee, officer or duly authorized representative designated by the municipality to accept and review stormwater pollution prevention plans, forward the

plans to the applicable municipal board and inspect stormwater management practices upon implementation.

**STORMWATER MANAGEMENT PRACTICES (SMPS)** - measures, either structural or nonstructural, that are determined to be the most effective, practical means of preventing flood damage and preventing or reducing point source or nonpoint source pollution inputs to stormwater runoff and water bodies.

**STORMWATER POLLUTION PREVENTION PLAN (SWPPP)** - a plan for controlling stormwater runoff and pollutants from a site during and after construction activities.

**STORMWATER RUNOFF** - flow on the surface of the ground, resulting from precipitation.

**SURFACE WATERS OF THE STATE OF NEW YORK** - lakes, bays, sounds, ponds, impounding reservoirs, springs, wells, rivers, streams, creeks, estuaries, marshes, inlets, canals, the Atlantic ocean within the territorial seas of the state of New York and all other bodies of surface water, natural or artificial, inland or coastal, fresh or salt, public or private (except those private waters that do not combine or effect a junction with natural surface or underground waters), which are wholly or partially within or bordering the state or within its jurisdiction.

Storm sewers and waste treatment systems, including treatment ponds or lagoons which also meet the criteria of this definition are not waters of the state. This exclusion applies only to manmade bodies of water which neither were originally created in waters of the state (such as a disposal area in wetlands) nor resulted from impoundment of waters of the state.

**WATERCOURSE** - a permanent or intermittent stream or other body of water, either natural or man-made, which gathers or carries surface water.

**WATERWAY** - a channel that directs surface runoff to a watercourse or to the public storm drain.

**WETLAND** - an area as defined in § 105-2B of this Code.

**§ 168-3. Findings of fact.**

It is hereby determined that:

- A. Land development activities and associated increases in site impervious cover often alter the hydrologic response of local watersheds and increase stormwater runoff rates and volumes, flooding, stream channel erosion, or sediment transport and deposition.
- B. This stormwater runoff contributes to increased quantities of water-borne pollutants, including siltation of aquatic habitat for fish and other desirable species.
- C. Clearing, grading, excavating, soil disturbance or placement of fill during construction tends to increase soil erosion and add to the loss of native vegetation necessary for terrestrial and aquatic habitat.

- D. Improper design, maintenance and construction of stormwater management practices can increase the velocity of stormwater runoff thereby increasing stream bank erosion and sedimentation.
- E. Impervious surfaces allow less water to percolate into the soil, thereby decreasing groundwater recharge and stream baseflow.
- F. Substantial economic losses can result from these adverse impacts on the waters of the municipality.
- G. Stormwater runoff, soil erosion and nonpoint source pollution can be controlled and minimized through the regulation of stormwater runoff from land development activities.
- H. The regulation of stormwater runoff discharges from land development activities in order to control and minimize increases in stormwater runoff rates and volumes, soil erosion, stream channel erosion, and nonpoint source pollution associated with stormwater runoff is in the public interest and will minimize threats to public health and safety.
- I. Regulation of land development activities by means of performance standards governing stormwater management and site design will produce development compatible with the natural functions of a particular site or an entire watershed and thereby mitigate the adverse effects of erosion and sedimentation from development.

**§ 168-4. Purpose.**

The purpose of this chapter is to establish minimum stormwater management requirements and controls to protect and safeguard the general health, safety, and welfare of the public residing within this jurisdiction and to address the findings of fact in § 168-3 hereof. This chapter seeks to meet those purposes by achieving the following objectives:

- A. Meet the requirements of minimum measures 4 and 5 of the SPDES General Permit for Stormwater Discharges from Municipal Separate Stormwater Sewer Systems (MS4 SPDES No. NYR20A370), Permit no. GP-02-02 or as amended or revised.
- B. Require land development activities to conform to the substantive requirements of the NYS Department of Environmental Conservation State Pollutant Discharge Elimination System (SPDES) General Permit for Construction Activities GP-02-01 or as amended or revised.
- C. Minimize increases in the rate of stormwater runoff from land development activities in order to reduce flooding, siltation, increases in stream temperature, and streambank erosion and maintain the integrity of stream channels.
- D. Minimize increases in pollution caused by stormwater runoff from land development activities which would otherwise degrade local water quality.

- E. Minimize the total annual volume of stormwater runoff which flows from any specific site during and following development to the maximum extent practicable.
- F. Reduce stormwater runoff rates and volumes, soil erosion and nonpoint source pollution, wherever possible, through stormwater management practices and to ensure that these management practices are properly maintained and eliminate threats to public safety.

**§ 168-5. Statutory authority.**

In accordance with Article 10 of the Municipal Home Rule Law of the State of New York, the Town Board has the authority to enact local laws and amend local laws and for the purpose of promoting the health, safety or general welfare of the Town and for the protection and enhancement of its physical environment. The Town Board may include in any such local law provisions for the appointment of any municipal officer, employees, or independent contractor to effectuate, administer and enforce such chapter.

**§ 168-6. Applicability.**

- A. This chapter shall be applicable to all land development activities as defined in §168-2 of this chapter.
- B. The municipality shall designate a Stormwater Management Officer who shall accept and review all stormwater pollution prevention plans and forward such plans to the applicable municipal board. The Stormwater Management Officer may:
  - (1) review the plans;
  - (2) upon approval by the Town Board, engage the services of a registered professional engineer to review the plans, specifications and related documents at a cost not to exceed a fee schedule established by said governing board; or
  - (3) accept the certification of a licensed professional that the plans conform to the requirements of this chapter.
- C. All land development activities subject to review and approval by the Planning Board shall be reviewed subject to the standards contained in this chapter.
- D. All land development activities not subject to review as stated in §168-6C shall be required to submit a Stormwater Pollution Prevention Plan (SWPPP) to the Stormwater Management Officer who shall approve the SWPPP if it complies with the requirements of this chapter.

**§ 168-7. Exemptions.**

The following activities may be exempt from review under this chapter:

- A. Agricultural activity as defined in this chapter.
- B. Silvicultural activity except that landing areas and log haul roads are subject to this chapter.
- C. Routine maintenance activities that disturb less than five (5) acres and are performed to maintain the original line and grade, hydraulic capacity or original purpose of a facility.
- D. Repairs to any stormwater management practice or facility deemed necessary by the Stormwater Management Officer.
- E. Any part of a subdivision if a plat for the subdivision has been approved by the Town on or before the effective date of this chapter.
- F. Land development activities for which a building permit has been approved on or before the effective date of this chapter.
- G. Cemetery graves.
- H. Installation of fence, sign, telephone, and electric poles and other kinds of posts or poles.
- I. Emergency activity immediately necessary to protect life, property or natural resources.
- J. Activities of an individual engaging in home gardening by growing flowers, vegetable and other plants primarily for use by that person and his or her family.
- K. Landscaping and horticultural activities in connection with an existing non-commercial structure.

**Article II. Principles and General Requirements**

**§ 168-8. Stormwater Pollution Prevention Plans.**

- A. Stormwater Pollution Prevention Plan requirement. No application for approval of a land development activity shall be reviewed until the appropriate board has received a Stormwater Pollution Prevention Plan (SWPPP) prepared in accordance with the specifications in this chapter.
- B. Contents of Stormwater Pollution Prevention Plans.
  - (1) All SWPPPs shall provide the following background information and erosion and sediment controls:
    - (a) Background information about the scope of the project, including location, type and size of project.

- (b) Site map/construction drawing(s) for the project, including a general location map. At a minimum, the site map shall show the total site area; all improvements; areas of disturbance; areas that will not be disturbed; existing vegetation; on-site and adjacent off-site surface water(s); wetlands and drainage patterns that could be affected by the construction activity; existing and final slopes; locations of off-site material, waste, borrow or equipment storage areas; and location(s) of the stormwater discharges(s). The site map shall be at a scale no smaller than 1"=50' (e.g., 1"=500' is smaller than 1"=100').
- (c) Description of the soil(s) present at the site.
- (d) Construction phasing plan describing the intended sequence of construction activities, including clearing and grubbing, excavation and grading, utility and infrastructure installation and any other activity at the site that results in soil disturbance. Consistent with the New York Standards and Specifications for Erosion and Sediment Control (Erosion Control Manual), not more than five (5) acres shall be disturbed at any one time unless pursuant to an approved SWPPP. The Town may opt to reduce the amount of land that may be exposed at any one time.
- (e) Description of the pollution prevention measures that will be used to control construction materials, chemicals and debris from becoming a pollutant source in stormwater runoff.
- (f) Description of construction and waste materials expected to be stored on-site with updates as appropriate, and a description of controls to reduce pollutants from these materials including storage practices to minimize exposure of the materials to stormwater, and spill-prevention and response.
- (g) Temporary and permanent structural and vegetative measures to be used for soil stabilization, runoff control and sediment control for each stage of the project from initial land clearing and grubbing to project close-out.
- (h) A site map/construction drawing(s) specifying the location(s), size(s) and length(s) of each erosion and sediment control practice.
- (i) Dimensions, material specifications and installation details for all erosion and sediment control practices, including the siting and sizing of any temporary sediment basins.
- (j) Temporary practices that will be converted to permanent control measures;
- (k) Implementation schedule for staging temporary erosion and sediment control practices, including the timing of initial placement and duration that each practice will remain in place until the site is stabilized.

- (l) Maintenance schedule to ensure continuous and effective operation of the erosion and sediment control practice.
  - (m) Name(s) of the receiving water(s) and NYSDEC classification(s), if applicable.
  - (n) Delineation of SWPPP implementation responsibilities for each part of the site.
  - (o) Description of structural practices designed to divert flows from exposed soils, store flows, or otherwise limit runoff and the discharge of pollutants from exposed areas of the site to the degree attainable.
  - (p) Any existing data that describes the stormwater runoff at the site.
- (2) Land development activities as defined in §168-2 of this chapter and meeting Condition “A”, “B” or “C” below shall also include water quantity and water quality controls (post-construction stormwater runoff controls) as set forth in §168-8B(3) below as applicable:

Condition A - Stormwater runoff from land development activities discharging a pollutant of concern to either an impaired water identified on the Department’s 303(d) list of impaired waters or a Total Maximum Daily Load (TMDL) designated watershed for which pollutants in stormwater have been identified as a source of the impairment.

Condition B - Stormwater runoff from land development activities disturbing five (5) or more acres.

Condition C - Stormwater runoff from land development activity disturbing between one (1) and five (5) acres of land during the course of the project, exclusive of the construction of one (1) single-family residence and construction activities at agricultural properties.

- (3) SWPPP Requirements for Condition A, B and C:
- (a) All information in §168-8B(1) of this chapter.
  - (b) Description of each post-construction stormwater management practice;
  - (c) Site map/construction drawing(s) showing the specific location(s) and size(s) of each post-construction stormwater management practice;
  - (d) Hydrologic and hydraulic analysis for all structural components of the stormwater management system for the applicable design storms
  - (e) Comparison of post-development stormwater runoff conditions with pre-development conditions

- (f) Dimensions, material specifications and installation details for each post-construction stormwater management practice;
- (g) Maintenance schedule to ensure continuous and effective operation of each post-construction stormwater management practice.
- (h) Maintenance easements to ensure access to all stormwater management practices at the site for the purpose of inspection and repair. Easements shall be recorded on the plan and shall remain in effect with transfer of title to the property.
- (i) Inspection and maintenance agreement binding on all subsequent landowners served by the on-site stormwater management measures in accordance with §168-10 of this chapter. [Editorial note: Town Attorney input needed regarding possible covenants and restrictions.]

(4) Plan certification.

The SWPPP shall be prepared by a landscape architect, certified professional or professional engineer and must be signed by the professional preparing the plan, who shall certify that the design of all stormwater management practices meet the requirements in this chapter.

(5) Other environmental permits.

The applicant shall assure that all other applicable environmental permits have been or will be acquired for the land development activity prior to approval of the final stormwater design plan.

(6) Contractor certification. [Editorial note: Town Attorney input needed.]

- (a) Each contractor and subcontractor identified in the SWPPP and/or any successor or substitute contractor or subcontractor who will be involved in soil disturbance and/or stormwater management practice installation shall sign and date a copy of the following certification statement before undertaking any land development activity: “I certify under penalty of law that I understand and agree to comply with the terms and conditions of the Stormwater Pollution Prevention Plan. I also understand that it is unlawful for any person to cause or contribute to a violation of water quality standards.” Copies of these statements shall be delivered to the duly authorized municipal authority.
- (b) The certification must include the name and title of the person providing the signature, address and telephone number of the contracting firm; the address (or other identifying description) of the site; and the date the certification is made. The certification statement(s) shall become part of the SWPPP for the land development activity.

- (7) A copy of the SWPPP shall be retained at the site of the land development activity during construction from the date of initiation of construction activities to the date of final stabilization.

**§ 168-9. Performance and design criteria for stormwater management and erosion and sediment control.**

All land development activities shall be subject to the following performance and design criteria:

A. Official guides.

For the purpose of this chapter, the following documents shall serve as the official guides and specifications for stormwater management. Stormwater management practices that are designed and constructed in accordance with these technical documents shall be presumed to meet the standards imposed by this chapter:<sup>1</sup>

- (1) The New York State Stormwater Management Design Manual (New York State Department of Environmental Conservation, most current version or its successor, hereafter referred to as the Design Manual). See Schedule A of this chapter for stormwater management practices acceptable for water quality.
- (2) New York Standards and Specifications for Erosion and Sediment Control, (Empire State Chapter of the Soil and Water Conservation Society, 2004, most current version or its successor, hereafter referred to as the Erosion Control Manual). A copy of the manual is on file in the office of the Stormwater Management Officer.

B. Technical standards.

All development proposals disturbing less than one (1) acre of land are subject to the same requirements specified in the manuals in subsections A(1) and (2) above for land development activities disturbing between one (1) and five (5) acres of land. Such requirements shall include but not be limited to the following:

- (1) Grading, erosion control practices, sediment control practices, and waterway crossings shall meet the design criteria set forth in the most recent version of the Erosion Control Manual.
- (2) Clearing, except that necessary to establish sediment control devices, shall not begin until all erosion and sediment control devices have been installed and have been stabilized.

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<sup>1</sup> Editorial note: The New York State technical guidance documents may be ordered from the Department. An order form as well as downloadable versions of the manuals are available on the internet at:

<http://www.dec.state.ny.us/website/dow/toolbox/escstandards/index.html>  
<http://www.dos.state.ny.us/lgss/stormwaterpub/index.html>

- (3) Erosion control requirements shall include stabilization measures applied as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, but in no case more than fourteen (14) days after the construction activity in that portion of the site has temporarily or permanently ceased. This requirement does not apply in the following instances:
  - (a) Where the initiation of stabilization measures by the 14th day after construction activity temporarily or permanently ceased is precluded by snow cover or frozen ground conditions, stabilization measures shall be initiated as soon as practicable;
  - (b) Where construction activity on a portion of the site is temporarily ceased, and earth-disturbing activities will be resumed within twenty-one (21) days, temporary stabilization measures need not be initiated on that portion of the site.
- (4) If seeding or other vegetative erosion control method does not germinate within two (2) weeks the Stormwater Management Officer may require the site to be reseeded, or a nonvegetative option employed.
- (5) Special techniques that meet the design criteria outlined in the Erosion Control Manual for steep slopes and/or drainage ways shall be used. Soil stockpiles must be stabilized. At the close of the construction season, the entire site must be stabilized using a heavy mulch layer or another method that does not require seed germination to control erosion (if seed germination will not occur due to climate limitations).
- (6) Techniques shall be employed to prevent the blowing of dust or sediment from the site.
- (7) Techniques that divert upland runoff past disturbed slopes shall be employed. Sediment control requirements shall include settling basins, sediment traps or tanks, and perimeter controls.
- (8) Settling basins that are designed for adaptation to long-term stormwater management require approval by the Stormwater Management Officer.
- (9) If a wet watercourse will be crossed regularly during construction, a temporary stream crossing practice approved by the Stormwater Management Officer will be installed. Stabilization of the watercourse channel and banks before, during and after any in-channel work will be completed.
- (10) Stabilization adequate to prevent erosion located at the outlets of all pipes, paved channels and on-site stormwater conveyance channels shall be designed according to the criteria outlined in the Erosion Control Manual.
- (11) Construction site access requirements shall include a temporary access road provided at all access points to ensure that sediment is not tracked onto public streets by construction vehicles or washed into storm drains or watercourses.

C. Water quality standards.

Any land development activity shall not cause an increase in turbidity that will result in substantial visible contrast to natural conditions in surface waters of the state of New York.

**§ 168-10. Maintenance and repair of stormwater facilities.**

A. Maintenance during construction.

- (1) The applicant or developer of the land development activity shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the applicant or developer to achieve compliance with the conditions of this chapter. Sediment shall be removed from sediment traps or sediment ponds whenever their design capacity has been reduced by fifty (50) percent.
- (2) The applicant or developer or their representative shall be on site at all times when construction or grading activity takes place and shall inspect and document the effectiveness of all erosion and sediment control practices. Inspection reports shall be completed every seven (7) days and within twenty-four (24) hours of any storm event producing 0.5 inches of precipitation or more. The reports shall be delivered to the Stormwater Management Officer and also copied to the site log book.

B. Maintenance easement(s). [Editorial note: Town Attorney input needed.]

Prior to the issuance of any approval that has a stormwater management facility as one of the requirements, the applicant or developer must execute a maintenance easement agreement that shall be binding on all subsequent landowners served by the stormwater management facility. The easement shall provide for access to the facility at reasonable times for periodic inspection by the Town to ensure that the facility is maintained in proper working condition to meet design standards and any other provisions established by this chapter. The easement shall be recorded by the grantor in the office of the County Clerk after approval by the counsel for the Town.

C. Maintenance after construction.

The owner or operator of permanent stormwater management practices installed in accordance with this chapter shall operate and maintain the stormwater management practices to achieve the goals of this chapter. Proper operation and maintenance also includes as a minimum, the following:

- (1) A preventive/corrective maintenance program for all critical facilities and systems of treatment and control (or related appurtenances) which are installed or used by the owner or operator to achieve the goals of this chapter.

- (2) Written procedures for operation and maintenance and training new maintenance personnel.
- (3) Discharges from the SMPs shall not exceed design criteria or cause or contribute to water quality standard violations in accordance with §168-9C.

D. Maintenance agreements.

The Town shall approve a formal maintenance agreement for stormwater management facilities binding on all subsequent landowners and recorded in the office of the County Clerk as a deed restriction on the property prior to final plan approval. The maintenance agreement shall be consistent with the terms and conditions of Schedule B of this chapter entitled Sample Stormwater Control Facility Maintenance Agreement. The Town, in lieu of a maintenance agreement, at its sole discretion may accept dedication of any existing or future stormwater management facility, provided such facility meets all the requirements of this chapter and includes adequate and perpetual access and sufficient area, by easement or otherwise, for inspection and regular maintenance. [Editorial note: Town Attorney input needed regarding Schedule B.]

**Article III. Administration and Enforcement**

**§ 168-11. Construction inspection.**

A. Stormwater Management Practice inspections.

The Town Stormwater Management Officer, is responsible for conducting inspections of stormwater management practices (SMPs). All applicants are required to submit “as built” plans for any stormwater management practices located on-site after final construction is completed. The plan must show the final design specifications for all stormwater management facilities and must be certified by a professional engineer.

B. Inspection of stormwater facilities after project completion.

Inspection programs shall be established on any reasonable basis, including but not limited to: routine inspections; random inspections; inspections based upon complaints or other notice of possible violations; inspection of drainage basins or areas identified as higher than typical sources of sediment or other contaminants or pollutants; inspections of businesses or industries of a type associated with higher than usual discharges of contaminants or pollutants or with discharges of a type which are more likely than the typical discharge to cause violations of state or federal water or sediment quality standards or the SPDES stormwater permit; and joint inspections with other agencies inspecting under environmental or safety laws. Inspections may include, but are not limited to: reviewing maintenance and repair records; sampling discharges, surface water, groundwater, and material or water in drainage control facilities; and evaluating the condition of drainage control facilities and other stormwater management practices.

C. Submission of reports.

The Town of Ossining Stormwater Management Officer may require monitoring and reporting from entities subject to this chapter as are necessary to determine compliance with this chapter.

D. Right-of-entry for inspection.

When any new stormwater management facility is installed on private property or when any new connection is made between private property and the public storm water system, the landowner shall grant to the Town the right to enter the property at reasonable times and in a reasonable manner for the purpose of inspection as specified in §168-11B.

**§ 168-12. Performance guarantee.**

A. Construction completion guarantee.

In order to ensure the full and faithful completion of all land development activities related to compliance with all conditions set forth by the Town in its approval of the Stormwater Pollution Prevention Plan, the Town may require the applicant or developer to provide, prior to construction, a performance bond, cash escrow, or irrevocable letter of credit from an appropriate financial or surety institution which guarantees satisfactory completion of the project and names the Town as the beneficiary. The security shall be in an amount to be determined by the Town based on submission of final design plans, with reference to actual construction and landscaping costs. The performance guarantee shall remain in force until the surety is released from liability by the Town, provided that such period shall not be less than one (1) year from the date of final acceptance or such other certification that the facility(ies) have been constructed in accordance with the approved plans and specifications and that a one (1) year inspection has been conducted and the facilities have been found to be acceptable to the Town. Per annum interest on cash escrow deposits shall be reinvested in the account until the surety is released from liability.

B. Maintenance guarantee.

Where stormwater management and erosion and sediment control facilities are to be operated and maintained by the developer or by a corporation that owns or manages a commercial or industrial facility, the developer, prior to construction, may be required to provide the Town with an irrevocable letter of credit from an approved financial institution or surety to ensure proper operation and maintenance of all stormwater management and erosion control facilities both during and after construction, and until the facilities are removed from operation. If the developer or landowner fails to properly operate and maintain stormwater management and erosion and sediment control facilities, the Town may draw upon the account to cover the costs of proper operation and maintenance, including engineering and inspection costs. [Editorial note: Town Attorney input needed. Redraft to include tax lien by Town instead of letter of credit.]

C. Recordkeeping.

Entities subject to this chapter shall maintain records demonstrating compliance with this chapter.

**§ 168-13. Enforcement and penalties.**

A. Notice of violation.

When the Town determines that a land development activity is not being carried out in accordance with the requirements of this chapter, it may issue a written notice of violation to the landowner. The notice of violation shall contain:

- (1) the name and address of the landowner, developer or applicant;
- (2) the address when available or a description of the building, structure or land upon which the violation is occurring;
- (3) a statement specifying the nature of the violation;
- (4) a description of the remedial measures necessary to bring the land development activity into compliance with this chapter and a time schedule for the completion of such remedial action;
- (5) a statement of the penalty or penalties that shall or may be assessed against the person to whom the notice of violation is directed;
- (6) a statement that the determination of violation may be appealed to the municipality by filing a written notice of appeal within fifteen (15) days of service of notice of violation.

B. Stop work orders.

The Town may issue a stop work order for violations of this law. Persons receiving a stop work order shall be required to halt all land development activities and other construction activities on the site, except those activities that address the violations leading to the stop work order. The stop work order shall be in effect until the Town confirms that the land development activity is in compliance and the violation has been satisfactorily addressed. Failure to address a stop work order in a timely manner may result in civil, criminal, or monetary penalties in accordance with the enforcement measures authorized in this chapter.

C. Violations.

Any land development activity that is commenced or is conducted contrary to this chapter, may be restrained by injunction or otherwise abated in a manner provided by chapter.

D. Penalties.

Any person who violates the provisions of this chapter shall be guilty of a violation punishable by a fine not less than five hundred dollars (\$500) nor more than one thousand dollars (\$1,000) or imprisonment for a period not to exceed six (6) months, or both for conviction of a first offense; for conviction of a second offense both of which were committed within a period of five (5) years, punishable by a fine not less than one thousand dollars (\$1,000) nor more than one thousand five hundred dollars (\$1,500) or imprisonment for a period not to exceed six (6) months, or both; and upon conviction for a third or subsequent offense all of which were committed within a period of five (5) years, punishable by a fine not less than one thousand five hundred dollars (\$1,500) nor more than two thousand dollars (\$2,000) or imprisonment for a period not to exceed six (6) months, or both. However, for the purposes of conferring jurisdiction upon courts and judicial officers generally, violations of this chapter shall be deemed misdemeanors and for such purpose only all provisions of law relating to misdemeanors shall apply to such violations. Each week's continued violation shall constitute a separate additional violation.

E. Restoration of lands and mitigation of damage.

In addition to any penalty provided herein or by law, any person in violation of this chapter may be required to restore land to its undisturbed condition and/or mitigate on-site and off-site damage from stormwater runoff, sediment or pollutants resulting from the violator's activities. In the event that restoration is not undertaken within a reasonable time after notice, the Town may take necessary corrective action, the cost of which shall become a lien upon the property until paid.

F. Withholding of certificate of occupancy.

If any building or land development activity is installed or conducted in violation of this chapter the Stormwater Management Officer may prevent the occupancy of said building or land.

**§ 168-14. Fees for services.**

Any person undertaking land development activities regulated by this chapter shall pay the cost of services incurred by the Town for the review of SWPPPs, inspections, or SMP maintenance performed by the Town or performed by a third party for the Town. The Town may establish escrow accounts for this purpose prior to authorizing the performance of said services.

**Schedule A**

<b>Stormwater Management Practices Acceptable for Water Quality</b> <i>(From: New York State Stormwater Management Design Manual, Table 5.1)</i>		
<b>Group</b>	<b>Practice</b>	<b>Description</b>
<b>Pond</b>	Micropool Extended Detention Pond (P-1)	Pond that treats the majority of the water quality volume through extended detention, and incorporates a micropool at the outlet of the pond to prevent sediment resuspension.
	Wet Pond (P-2)	Pond that provides storage for the entire water quality volume in the permanent pool.
	Wet Extended Detention Pond (P-3)	Pond that treats a portion of the water quality volume by detaining storm flows above a permanent pool for a specified minimum detention time.
	Multiple Pond System (P-4)	A group of ponds that collectively treat the water quality volume.
	Pocket Pond (P-5)	A stormwater wetland design adapted for the treatment of runoff from small drainage areas that has little or no baseflow available to maintain water elevations and relies on groundwater to maintain a permanent pool.
<b>Wetland</b>	Shallow Wetland (W-1)	A wetland that provides water quality treatment entirely in a shallow marsh.
	Extended Detention Wetland (W-2)	A wetland system that provides some fraction of the water quality volume by detaining storm flows above the marsh surface.
	Pond/Wetland System (W-3)	A wetland system that provides a portion of the water quality volume in the permanent pool of a wet pond that precedes the marsh for a specified minimum detention time.
	Pocket Wetland (W-4)	A shallow wetland design adapted for the treatment of runoff from small drainage areas that has variable water levels and relies on groundwater for its permanent pool.
<b>Infiltration</b>	Infiltration Trench (I-1)	An infiltration practice that stores the water quality volume in the void spaces of a gravel trench before it is infiltrated into the ground.
	Infiltration Basin (I-2)	An infiltration practice that stores the water quality volume in a shallow depression before it is infiltrated into the ground.
	Dry Well (I-3)	An infiltration practice similar in design to the infiltration trench, and best suited for treatment of rooftop runoff.
	Surface Sand Filter (F-1)	A filtering practice that treats stormwater by settling out larger particles in a sediment chamber, and then filtering stormwater through a sand matrix.

<b>Filtering Practices</b>	Underground Sand Filter (F-2)	A filtering practice that treats stormwater as it flows through underground settling and filtering chambers.
	Perimeter Sand Filter (F-3)	A filter that incorporates a sediment chamber and filter bed as parallel vaults adjacent to a parking lot.
	Organic Filter (F-4)	A filtering practice that uses an organic medium such as compost in the filter in place of sand.
	Bioretention (F-5)	A shallow depression that treats stormwater as it flows through a soil matrix, and is returned to the storm drain system.
<b>Open Channels</b>	Dry Swale (O-1)	An open drainage channel or depression explicitly designed to detain and promote the filtration of stormwater runoff into the soil media.
	Wet Swale (O-2)	An open drainage channel or depression designed to retain water or intercept groundwater for water quality treatment.

## Schedule B

### SAMPLE STORMWATER CONTROL FACILITY MAINTENANCE AGREEMENT

WHEREAS, the Town of Ossining (the "Municipality") and the \_\_\_\_\_ ("Facility Owner") want to enter into an agreement to provide for the long term maintenance and continuation of stormwater control measures approved by the Municipality for the below named project; and

WHEREAS, the Municipality and the Facility Owner desire that the stormwater control measures be built in accordance with the approved project plans and thereafter be maintained, cleaned, repaired, replaced and continued in perpetuity in order to ensure optimum performance of the components. Therefore, the Municipality and the Facility Owner agree as follows:

1. This agreement binds the Municipality and the Facility Owner, its successors and assigns, to the maintenance provisions depicted in the approved project plans which are attached as Schedule A of this agreement.
2. The Facility Owner shall maintain, clean, repair, replace and continue the stormwater control measures depicted in Schedule A as necessary to ensure optimum performance of the measures to design specifications. The stormwater control measures shall include, but shall not be limited to, the following: drainage ditches, swales, dry wells, infiltrators, drop inlets, pipes, culverts, soil absorption devices and retention ponds.
3. The Facility Owner shall be responsible for all expenses related to the maintenance of the stormwater control measures and shall establish a means for the collection and distribution of expenses among parties for any commonly owned facilities.
4. The Facility Owner shall provide for the periodic inspection of the stormwater control measures, not less than once in every five year period, to determine the condition and integrity of the measures. Such inspection shall be performed by a Professional Engineer licensed by the State of New York. The inspecting engineer shall prepare and submit to the Municipality within 30 days of the inspection, a written report of the findings including recommendations for those actions necessary for the continuation of the stormwater control measures.
5. The Facility Owner shall not authorize, undertake or permit alteration, abandonment, modification or discontinuation of the stormwater control measures except in accordance with written approval of the Municipality.
6. The Facility Owner shall undertake necessary repairs and replacement of the stormwater control measures at the direction of the Municipality or in accordance with the recommendations of the inspecting engineer.
7. The Facility Owner shall provide to the Municipality within 30 days of the date of this agreement, a security for the maintenance and continuation of the stormwater control measures in the form of (a bond, letter of credit or escrow account).

8. This agreement shall be recorded in the Office of the County Clerk, County of Westchester together with the deed for the common property and shall be included in the offering plan and/or prospectus approved pursuant to \_\_\_\_\_.

9. If ever the Municipality determines that the Facility Owner has failed to construct or maintain the stormwater control measures in accordance with the project plan or has failed to undertake corrective action specified by the Municipality or by the inspecting engineer, the Municipality is authorized to undertake such steps as reasonably necessary for the preservation, continuation or maintenance of the stormwater control measures and to affix the expenses thereof as a lien against the property.

10. This agreement is effective \_\_\_\_\_.

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