STORMWATER MANAGEMENT PROGRAM (SWMP) PLAN

FOR COMPLIANCE WITH
NYSDEC MS4 PERMIT NUMBER GP-0-10-002

VILLAGE OF HEAD OF THE HARBOR

500 NORTH COUNTRY ROAD ST. JAMES, NEW YORK

MS4 SPDES PERMIT No. NYR20A353

June 1, 2022

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OVERVIEW & MEASURABLE GOALS

Organizational Chart: All listed staff members report directly to the Trustees of the Village of

Head of The Harbor.

The Village of Head of The Harbor, in order to fulfill its requirements under NYS Phase II regulations (New York State Pollutant Discharge Elimination System ("SPDES") General Permit for Stormwater Discharge from Municipal Separate Storm Sewer Systems (GP-0-10-002), provides for the following documents, activities and deliverables:

Applicable Local Laws:

0	Attached as Appendix A is Chapter 65 of the Village Code: Erosion and Sediment Control. The purpose of the code is to establish minimum stormwater management requirements and controls. Attached as Appendix B is Chapter 95, Article 1 of the Village Code: Illicit Discharges. The purpose of the code is to provide for the health, safety and general welfare of the citizens of the Incorporated Village of Head of The Harbor.	
Staffir	ng and Staff Development Prograr	ms and Organization Charts:
	Staffing: Building Inspector - Village Engineer -	oversees all private building construction projects. provides technical support to the Village Building Inspector as well as to the Board of Trustees, Planning Board and Zoning Board of
-	Highway Commissioner - Village Clerk's Office -	Appeals. The Village Engineer also oversees large capital improvement projects. oversees normal day to day maintenance of Village infrastructure, including but not limited to storm basin cleaning and street sweeping. provides for the office support. Staff Development Programs: all listed staff members have been involved in employee stormwater training seminars.

OVERVIEW & MEASURABLE GOALS (CONTINUED)

Program Budget:

Program budget consists of two (2) sources. The Village Trustees, on an annual budget provides for the funding of the staff as well as for the everyday operation of the Village including but not limited to storm basin cleaning and street sweeping. Funding for the inspection of SWPPP is from the property owner through established trust and agency accounts and/or the permit application fees.

Policy, Procedures and Materials for each Minimum Measure:

- ☐ Minimum Control Measure #1 Public Education and Outreach
 - Provide appropriate brochures for the public. Brochures to be kept at the Village Hall.
 - Educate the public, as well as professionals, who appear before the Planning Board for site plan review.
 - Provide information on the Village web site.
- ☐ Minimum Control Measure #2 Public Involvement/Participation
 - Support efforts of the Joint Coastal Commission in there Harbor Day activities.
- Minimum Control Measure #3 Illicit Discharge Detection and Elimination
 - Record and report observations of identified or suspected illicit discharges.
 - Monitor drainage out-falls on a quarterly basis.
 - Review site plans for potential illicit discharges.
 - Refer appropriate site plans to the Suffolk County Department of Health Services for compliance with Article 6 of the Sanitary Code.

OVERVIEW & MEASURABLE GOALS (CONTINUED)

- Minimum Control Measure #4 - Construction Site Stormwater Runoff Control Prepare standard details for stormwater runoff controll measures. Provide site specific details to developers and contractors. Require "Third Party" certifications of all developers and contractors. Minimum Control Measure #5 - Post-Construction Stormwater Management Obtain post construction easements for all projects required to file a Notice of Intent. Monitor post construction activities for all projects required to file a Notice of Minimum Control Measure #6 - Pollution Prevention / Good Housekeeping
 - Maintain Village vehicles off site.
 - Clean storm drains on a regular basis.
 - Maintain Village property free of junk and debris.

Drainage Outfall System Map: Attached as Appendix C.

Stormwater Management Practice Selection and Measurable Goals:

The Village code and policy provides for:

- No direct discharge of stormwater runoff to surface waters, marshes or wetlands.
- Site development plans shall include measures such as holding ponds, sedimentation basins, berming, vegetated buffer areas or other means to attenuate the outflow of stormwater pollutants.
- Any water discharged from control systems shall be of acceptable quality before it is permitted to enter wetlands or surface waters.
- During construction, all disposal of stormwater runoff shall be handled on site.
- Soil erosion on site shall be contained by such measures as baling, mulching, use of fibrous cover materials or temporary vegetation.

OVERVIEW & MEASURABLE GOALS (CONTINUED)

- Site designs shall minimize impermeable paving.
- Site designs shall incorporate the use of natural land features, such as shallow depressions, whenever possible for the on-site collection of stormwater for recharge.
- Natural vegetation and trees shall be retained to the maximum extent possible in the site design in order to reduce erosion potential and stormwater runoff.

Operation and Maintenance Schedules:

- Storm Drainage Basin Cleaning: Storm drains are cleaned on an annual basis to assure that all drains are cleaned over a five year period. Areas more prone to sediment buildup are cleaned more often. Records are kept by the Highway Commissioner. During the annual drainage basin cleaning the contractor is required to sign a Third Party agreement that they are aware of the Village's Stormwater Management Program, The contractor is to notify the Highway Commissioner of any suspect material that is removed from the basin during the cleaning operation. Street Sweeping: The Highway Commissioner schedules street sweeping as necessary with a minimum of once per year. During the street sweeping operation the contractor is required to sign a Third Party agreement that they are aware of the Village's Stormwater Management Program. The contractor is to notify the Highway Commissioner of any suspect material that is removed during the sweeping operation.
- Outfall Inspection: The Village has mapped four (4) drainage outfalls within its jurisdiction. These outfalls are known to the Village Officials, Village Engineer, Building Inspector, Highway Commissioner, highway maintenance personnel and Village Police Department. All of the above are aware of the Stormwater Management program and if any discharge, during dry conditions are observed they are to report such instance to the Village Engineer. Specifically, the highway maintenance personnel are to review, on a quarterly basis, each of the four (4) drainage outfalls for the purpose of detecting illicit discharge.

APPENDIX A Chapter 165 Article XX of the Village Code Stormwater Management

Village of Head-of-the-Harbor, NY / Part II, General Legislation / Zoning and Land Development / Land Development

Article XXStormwater Management

[Added 5-16-2007 by L.L. No. 3-2007ⁿ]

[1]

Editor's Note: Article 1 of this article also provided findings of fact, purpose, statutory authority, applicability, and exemptions. For these provisions, see the original copy of the law on file in the Village offices.

- § 165-114 Stormwater pollution prevention plan required.
- § 165-115 Contents of stormwater pollution prevention plans.
- § 165-116 Other environmental permits.
- § 165-117 Contractor certification.
- § 165-118 Copy of SWPPP to be retained at site.
- § 165-119 Performance and design criteria.
- § 165-120 Maintenance and inspection during construction.
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- § 165-124 Erosion and sediment control inspection.
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- § 165-135 Penalties for offenses.
- § 165-136 Withholding of certificate of occupancy.
- § 165-137 Restoration of lands.
- § 165-138 Fees for services.

§ 165-114 Stormwater pollution prevention plan required.

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 article.

§ 165-115 Contents of stormwater pollution prevention plans.

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) (using a scale of one inch equal to 100 feet) for the project, including a general location map. At a minimum, the site map should 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);
- 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. Not more than one acre shall be disturbed at any one time unless pursuant to an approved SWPPP;
- E. Description of the pollution prevention measures that will be used to control litter, construction chemicals and construction 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 closeout;
- H. A site map/construction drawing(s) specifying the location(s), size(s) and length(s) of each erosion and sediment control practice;
- 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 should remain in place;
- Maintenance schedule to ensure continuous and effective operation of the erosion and sediment control practice;
- M. Name(s) of the receiving water(s);
- 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; and
- P. Any existing data that describes the stormwater runoff at the site.
- Q. Land development activities meeting Condition A, B or C below shall also include water quantity and water quality controls (postconstruction stormwater runoff controls) as set forth in Subsection R below as applicable:
 - (1) 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.
 - (2) Condition B: stormwater runoff from land development activities disturbing one or more acres.
 - (3) Condition C: stormwater runoff from land development activity disturbing between one and five acres of land during

- the course of the project, exclusive of the construction of single-family residences and construction activities at agricultural properties.
- R. SWPPP requirements for Conditions A, B and C:
 - (1) All information in § 165-115A to P above.
 - (2) Description of each postconstruction stormwater management practice.
 - (3) Site map/construction drawing(s) showing the specific location(s) and size(s) of each postconstruction stormwater management practice.
 - (4) Hydrologic and hydraulic analysis for all structural components of the stormwater management system for the applicable design storms.
 - (5) Comparison of postdevelopment stormwater runoff conditions with predevelopment conditions.
 - (6) Dimensions, material specifications and installation details for each postconstruction stormwater management practice.
 - (7) Maintenance schedule to ensure continuous and effective operation of each postconstruction stormwater management practice.
 - (8) 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.
 - (9) Inspection and maintenance agreement binding on all subsequent landowners served by the on-site stormwater management measures in accordance with § 165-120 below.⁽¹⁾

[1]

Editor's Note: For maintenance agreements, see § 165-123.

(10) For Condition A, 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 article.

§ 165-116 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.

§ 165-117 Contractor certification.

- A. Each contractor and subcontractor identified in the SWPPP 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."
- **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.
- C. The certification statement(s) shall become part of the SWPPP for the land development activity.

§ 165-118 Copy of SWPPP to be retained at site.

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.

§ 165-119 Performance and design criteria.

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

A. Technical standards. For the purpose of this article, 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 article:

- (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").
- (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").
- B. Equivalence to technical standards. Where stormwater management practices are not in accordance with technical standards, the applicant or developer must demonstrate equivalence to the above technical standards, and the SWPPP shall be prepared by a licensed professional.
- 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.

§ 165-120 Maintenance and inspection during construction.

- A. The applicant or developer of the land development activity or its representative 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 article. Sediment shall be removed from sediment traps or sediment ponds whenever their design capacity has been reduced by 50%.
- B. For land development activities meeting Condition A, B or C in § 165-115Q above, the applicant shall have a qualified professional conduct site inspections and document the effectiveness of all erosion and sediment control practices every seven days and within 24 hours of any storm event producing 0.5 inch of precipitation or more. Inspection reports shall be maintained in a site logbook.
- C. The applicant or developer or its 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.

§ 165-121 Maintenance easement(s).

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 Village of Head-of-the-Harbor to ensure that the facility is maintained in proper working condition to meet design standards and any other provisions established by this article. The easement shall be recorded by the grantor in the office of the County Clerk after approval by the Village Attorney for the Village of Head-of-the-Harbor.

§ 165-122 Maintenance after construction.

The owner or operator of permanent stormwater management practices installed in accordance with this article shall ensure they are operated and maintained to achieve the goals of this article. Proper operation and maintenance also includes, as a minimum, the following:

- A. 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 article.
- **B.** Written procedures for operation and maintenance and training new maintenance personnel.
- C. Discharges from the SMPs shall not exceed design criteria or cause or contribute to water quality standard violations in accordance with Section § 165-119C.

§ 165-123 Maintenance agreements.

The Village of Head-of-the-Harbor 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 article entitled "Sample Stormwater Control Facility Maintenance Agreement." The Village of Head-of-the-Harbor, 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 article and includes adequate and perpetual access and sufficient area, by easement or otherwise, for inspection and regular maintenance.

[1]

Editor's Note: Schedule B is on file in the Village offices.

§ 165-124Erosion and sediment control inspection.

- A. The Village of Head-of-the-Harbor Stormwater Management Officer may require such inspections as necessary to determine compliance with this article and may either approve that portion of the work completed or notify the applicant wherein the work fails to comply with the requirements of this article and the stormwater pollution prevention plan (SWPPP) as approved. To obtain inspections, the applicant shall notify the Village of Head-of-the-Harbor enforcement official at least 48 hours before any of the following as required by the Stormwater Management Officer:
 - (1) Start of construction.
 - (2) Installation of sediment and erosion control measures.
 - (3) Completion of site clearing.
 - (4) Completion of rough grading.
 - (5) Completion of final grading.
 - (6) Close of the construction season.
 - (7) Completion of final landscaping.
 - (8) Successful establishment of landscaping in public areas.
- **B.** If any violations are found, the applicant and the developer shall be notified in writing of the nature of the violation and the required corrective actions. No further work shall be conducted except for site stabilization until any violations are corrected and all work previously completed has received approval by the Stormwater Management Officer.

§ 165-125 Stormwater management practice inspections.

The Village of Head-of-the-Harbor 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.

§ 165-126 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.

§ 165-127 Submission of reports.

The Village of Head-of-the-Harbor Stormwater Management Officer may require monitoring and reporting from entities subject to this article as are necessary to determine compliance with this article.

§ 165-128 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 stormwater system, the landowner shall grant to the Village of Head-of-the-Harbor the right to enter the property at reasonable times and in a reasonable manner for the purpose of inspection as specified in § 165-126.

§ 165-129 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 Village of Head-of-the-Harbor in its approval of the stormwater pollution prevention plan, the Village of Head-of-the-Harbor 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 Village of Head-of-the-Harbor as the beneficiary. The security shall be in an amount to be determined by the Village of Head-of-the-Harbor 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 Village of Head-of-the-Harbor, provided that such period shall not be less than one year from the date of final acceptance or such other certification that the facility(ies) has(have) been constructed in accordance with the approved plans and specifications and that a one-year inspection has been conducted and the facilities have been found to be acceptable to the Village of Head-of-the-Harbor. Per annum interest on cash escrow deposits shall be reinvested in the account until the surety is released from liability.

§ 165-130 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 Village of Head-of-the-Harbor with an irrevocable letter of credit from an approved financial institution or surety with a principal place of business in the Town of Smithtown or Town of Brookhaven 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 Village of Head-of-the-Harbor may draw upon the account to cover the costs of proper operation and maintenance, including engineering and inspection costs.

§ 165-131 Recordkeeping.

The Village of Head-of-the-Harbor may require entities subject to this article to maintain records demonstrating compliance with this article.

§ 165-132 Notice of violation.

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

- A. The name and address of the landowner, developer or applicant.
- **B.** The address, when available, or a description of the building, structure or land upon which the violation is occurring.
- C. A statement specifying the nature of the violation.
- **D.** A description of the remedial measures necessary to bring the land development activity into compliance with this article, and a time schedule for the completion of such remedial action.
- E. A statement of the penalty or penalties that shall or may be assessed against the person to whom the notice of violation is directed.
- **F.** A statement that the determination of violation may be appealed to the municipality by filing a written notice of appeal within 15 days of service of notice of violation.

§ 165-133 Stop-work orders.

The Village of Head-of-the-Harbor may issue a stop-work order for violations of this article. Persons receiving a stop-work order shall be required to halt all land development activities, except those activities that address the violations leading to the stop-work order. The stop-work order shall be in effect until the Village of Head-of-the-Harbor 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 article.

§ 165-134 Injunction.

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

§ 165-135 Penalties for offenses.

In addition to or as an alternative to any penalty provided herein or by law, any person who violates the provisions of this article shall be guilty of a violation punishable by a fine not exceeding \$350 or imprisonment for a period not to exceed six 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 years, punishable by a fine not less than \$350 nor more than \$700 or imprisonment for a period not to exceed six months, or both; and upon conviction for a third or subsequent offense, all of which were committed within a period of five years, punishable by a fine not less than \$700 nor more than \$1,000 or imprisonment for a period not to exceed six months, or both. However, for the purposes of conferring jurisdiction upon courts and judicial officers generally, violations of this article 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.

§ 165-136 Withholding of certificate of occupancy.

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

§ 165-137 Restoration of lands.

Any violator may be required to restore land to its undisturbed condition. In the event that restoration is not undertaken within a reasonable time after notice, the Village of Head-of-the-Harbor may take necessary corrective action, the cost of which shall become a lien upon the property until paid.

§ 165-138 Fees for services.

The Village of Head-of-the-Harbor may require any person undertaking land development activities regulated by this article to pay reasonable costs at prevailing rates for review of SWPPPs, inspections, or SMP maintenance performed by the Village of Head-of-the-Harbor or performed by a third party for the Village of Head-of-the-Harbor.

APPENDIX B Chapter 166 of the Village Code, Article 1: Illicit Discharges

Village of Head-of-the-Harbor, NY / Part II, General Legislation

Chapter 166 Illicit Discharges to Storm Sewers

[HISTORY: Adopted by the Board of Trustees of the Village of Head-of-the-Harbor 5-16-2007 by L.L. No. 4-2007. Amendments noted where applicable.]

GENERAL REFERENCES

Building construction - See Ch. 65.

Environmental quality review - See Ch. 81.

Erosion and drainage - See Ch. 85.

Solid waste - See Ch. 136.

Subdivision of land - See Ch. 143.

Zoning and land development - See Ch. 165.

- § 166-1 Purpose; intent.
- § 166-2 Definitions.
- § 166-3 Applicability.
- § 166-4 Responsibility for administration.
- § 166-5 Discharge prohibitions.
- § 166-6 Prohibition against failing individual sewage treatment systems.
- § 166-7 Prohibition against activities contaminating stormwater.
- § 166-8 Prevention, control, and reduction of stormwater pollutants by use of best management practices.
- § 166-9 Suspension of access to MS4; illicit discharges in emergency situations.
- § 166-10 Industrial or construction activity discharges.
- § 166-11 Access and monitoring of discharges.
- § 166-12 Notification of spills.
- § 166-13 Enforcement; penalties for offenses.
- § 166-14 Appeal of notice of violation.
- § 166-15 Corrective measures after appeal.
- § 166-16 Injunctive relief.
- § 166-17 Alternative remedies.
- § 166-18 Violations deemed a public nuisance.
- § 166-19 Remedies not exclusive.

§ 166-1 Purpose; intent.

The purpose of this chapter is to provide for the health, safety, and general welfare of the citizens of the Village of Head-of-the-Harbor through the regulation of nonstormwater discharges to the municipal separate storm sewer system (MS4) to the maximum extent practicable as required by federal and state law. This chapter establishes methods for controlling the introduction of pollutants into the MS4 in order to comply with requirements of the SPDES general permit for municipal separate storm sewer systems. The objectives of this chapter are:

- A. To meet the requirements of the SPDES general permit for stormwater discharges from MS4s, Permit No. GP-02-02 or as amended or revised;
- **B.** To regulate the contribution of pollutants to the MS4 since such systems are not designed to accept, process or discharge nonstormwater wastes;
- C. To prohibit illicit connections, activities and discharges to the MS4;
- D. To establish legal authority to carry out all inspection, surveillance and monitoring procedures necessary to ensure compliance with this chapter; and
- E. To promote public awareness of the hazards involved in the improper discharge of trash, yard waste, lawn chemicals, pet waste, wastewater, grease, oil, petroleum products, cleaning products, paint products, hazardous waste, sediment and other pollutants into the MS4.

§ 166-2 Definitions.

Whenever used in this chapter, unless a different meaning is stated in a definition applicable to only a portion of this chapter, the following terms will have meanings set forth below:

BEST MANAGEMENT PRACTICES (BMPS)

Schedules of activities, prohibitions of practices, general good housekeeping practices, pollution prevention and educational practices, maintenance procedures, and other management practices to prevent or reduce the discharge of pollutants directly or indirectly to stormwater, receiving waters, or stormwater conveyance systems. BMPs also include treatment practices, operating procedures, and practices to control site runoff, spillage or leaks, sludge or water disposal, or drainage from raw materials storage.

CLEAN WATER ACT

The Federal Water Pollution Control Act (33 U.S.C. § 1251 et seq.) and any subsequent amendments thereto.

CONSTRUCTION ACTIVITY

Activities requiring authorization under the SPDES permit for stormwater discharges from construction activity, GP-02-01, as amended or revised. These activities include construction projects resulting in land disturbance of one or more acres. Such activities include but are not limited to clearing and grubbing, grading, excavating, and demolition.

DEPARTMENT

The New York State Department of Environmental Conservation.

DESIGN PROFESSIONAL

A New York State licensed professional engineer or licensed architect.

HAZARDOUS MATERIALS

Any material, including any substance, waste, or combination thereof, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may cause, or significantly contribute to, a substantial present or potential hazard to human health, safety, property, or the environment when improperly treated, stored, transported, disposed of, or otherwise managed.

ILLICIT CONNECTIONS

Any drain or conveyance, whether on the surface or subsurface, which allows an illegal discharge to enter the MS4, including but not limited to:

- A. Any conveyances which allow any nonstormwater discharge including treated or untreated sewage, process wastewater, and wash water to enter the MS4 and any connections to the storm drain system from indoor drains and sinks, regardless of whether said drain or connection had been previously allowed, permitted, or approved by an authorized enforcement agency; or
- **B.** Any drain or conveyance connected from a commercial or industrial land use to the MS4 which has not been documented in plans, maps, or equivalent records and approved by an authorized enforcement agency.

ILLICIT DISCHARGE

Any direct or indirect nonstormwater discharge to the MS4, except as exempted in § 166-5 of this chapter.

INDIVIDUAL SEWAGE TREATMENT SYSTEM

A facility serving one or more parcels of land or residential households, or a private, commercial or institutional facility, that treats sewage or other liquid wastes for discharge into the groundwaters of New York State, except where a permit for such a facility is required under the applicable provisions of Article 17 of the Environmental Conservation Law.

INDUSTRIAL ACTIVITY

Activities requiring the SPDES permit for discharges from industrial activities except construction, GP-98-03, as amended or revised.

MS4

Municipal separate storm sewer system.

MUNICIPALITY

The Village of Head-of-the-Harbor.

MUNICIPAL SEPARATE STORM SEWER SYSTEM

A conveyance or system of conveyances, including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels, or storm drains:

- A. Owned or operated by the Village of Head-of-the-Harbor;
- B. Designed or used for collecting or conveying stormwater;
- C. Which is not a combined sewer; and
- **D.** Which is not part of a publicly owned treatment works (POTW) as defined at 40 CFR 122.2.

NONSTORMWATER DISCHARGE

Any discharge to the MS4 that is not composed entirely of stormwater.

PERSON

Any individual, association, organization, partnership, firm, corporation or other entity recognized by law and acting as either the owner or as the owner's agent.

POLLUTANT

Dredged spoil, filter backwash, solid waste, incinerator residue, treated or untreated sewage, garbage, sewage sludge, munitions, chemical wastes, biological materials, radioactive materials, heat, wrecked or discarded equipment, rock, sand and industrial, municipal, agricultural waste and ballast discharged into water; which may cause or might reasonably be expected to cause pollution of the waters of the state in contravention of the standards.

PREMISES

Any building, lot, parcel of land, or portion of land, whether improved or unimproved, including adjacent sidewalks and parking strips.

SPECIAL CONDITIONS

- A. Discharge compliance with water quality standards: the condition that applies where a municipality has been notified that the discharge of stormwater authorized under its MS4 permit may have caused or has the reasonable potential to cause or contribute to the violation of an applicable water quality standard. Under this condition the municipality must take all necessary actions to ensure future discharges do not cause or contribute to a violation of water quality standards.
- B. Section 303 (d)-listed waters: the condition in the municipality's MS4 permit that applies where the MS4 discharges to a 303(d)-listed water. Under this condition the stormwater management program must ensure no increase of the listed pollutant of concern to the 303(d)-listed water.

- C. Total maximum daify load (TMDL) strategy: the condition in the municipality's MS4 permit where a TMDL including requirements for control of stormwater discharges has been approved by EPA for a water-body or watershed into which the MS4 discharges. If the discharge from the MS4 did not meet the TMDL stormwater allocations prior to September 10, 2003, the municipality was required to modify its stormwater management program to ensure that reduction of the pollutant of concern specified in the TMDL is achieved.
- D. The condition in the municipality's MS4 permit that applies if a TMDL is approved in the future by EPA for any water-body or watershed into which an MS4 discharges. Under this condition the municipality must review the applicable TMDL to see if it includes requirements for control of stormwater discharges. If an MS4 is not meeting the TMDL stormwater aflocations, the municipality must, within six months of the TMDL's approval, modify its stormwater management program to ensure that reduction of the pollutant of concern specified in the TMDL is achieved.

STATE POLLUTANT DISCHARGE ELIMINATION SYSTEM (SPDES) STORMWATER DISCHARGE PERMIT

A permit issued by the Department that authorizes the discharge of pollutants to waters of the state.

STORMWATER

Rainwater, surface runoff, snowmelt and drainage.

STORMWATER MANAGEMENT OFFICER (SMO)

An employee, the Municipal Engineer or other public official(s) designated by the Village of Head-of-the-Harbor to enforce this chapter. The SMO may also be 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.

303(d) LIST

A list of all surface waters in the state for which beneficial uses of the water (drinking, recreation, aquatic habitat, and industrial use) are impaired by pollutants, prepared periodically by the Department as required by Section 303(d) of the Clean Water Act. Section 303(d)-listed waters are estuaries, lakes and streams that fall short of state surface water quality standards and are not expected to improve within the next two years.

TMDL

Total maximum daily load.

TOTAL MAXIMUM DAILY LOAD

The maximum amount of a pollutant to be allowed to be released into a water body so as not to impair uses of the water, allocated among the sources of that pollutant.

WASTEWATER

Water that is not stormwater, is contaminated with pollutants and is or will be discarded.

§ 166-3 Applicability.

This chapter shall apply to all water entering the MS4 generated on any developed and undeveloped lands unless explicitly exempted by an authorized enforcement agency.

§ 166-4 Responsibility for administration.

The Stormwater Management Officer(s) [SMO(s)] shall administer, implement, and enforce the provisions of this chapter. Such powers granted or duties imposed upon the authorized enforcement official may be delegated in writing by the SMO as may be authorized by the municipality.

§ 166-5 Discharge prohibitions.

- A. Prohibition of illegal discharges. No person shall discharge or cause to be discharged into the MS4 any materials other than stormwater except as provided in Subsection A(1). The commencement, conduct or continuance of any illegal discharge to the MS4 is prohibited, except as described as follows:
 - (1) The following discharges are exempt from discharge prohibitions established by this chapter, unless the Department or the municipality has determined them to be substantial contributors of pollutants: water line flushing or other potable water sources, landscape irrigation or lawn watering, existing diverted stream flows, rising groundwater, uncontaminated groundwater infiltration to storm drains, uncontaminated pumped groundwater, foundation or footing drains, crawl space or basement sump pumps, air-conditioning condensate, irrigation water, springs, water from individual residential car washing, natural riparian habitat or wetland flows, dechlorinated swimming pool discharges, residential street wash water, water from fire-fighting activities, and any other water source not containing pollutants. Such exempt discharges shall be made in accordance with an appropriate plan for reducing pollutants.
 - (2) Discharges approved in writing by the SMO to protect life or property from imminent harm or damage, provided that such approval shall not be construed to constitute compliance with other applicable laws and requirements, and further provided that such discharges may be permitted for a specified time period and under such conditions as the SMO may deem appropriate to protect such life and property while reasonably maintaining the purpose and intent of this chapter.

- (3) Dye testing in compliance with applicable state and local laws is an allowable discharge but requires a verbal notification to the SMO prior to the time of the test.
- (4) The prohibition shall not apply to any discharge permitted under an SPDES permit, waiver, or waste discharge order issued to the discharger and administered under the authority of the Department, provided that the discharger is in full compliance with all requirements of the permit, waiver, or order and other applicable laws and regulations, and provided that written approval has been granted for any discharge to the MS4.

B. Prohibition of illicit connections.

- (1) The construction, use, maintenance or continued existence of illicit connections to the MS4 is prohibited.
- (2) This prohibition expressly includes, without limitation, illicit connections made in the past, regardless of whether the connection was permissible under law or practices applicable or prevailing at the time of connection.
- (3) A person is considered to be in violation of this chapter if the person connects a line conveying sewage to the municipality's MS4 or allows such a connection to continue.

§ 166-6 Prohibition against failing individual sewage treatment systems.

No persons shall operate a failing individual sewage treatment system in areas tributary to the municipality's MS4. A failing individual sewage treatment system is one which has one or more of the following conditions:

- A. The backup of sewage into a structure.
- B. Discharges of treated or untreated sewage onto the ground surface.
- C. A connection or connections to a separate stormwater sewer system.
- D. Liquid level in the septic tank above the outlet invert.
- E. Structural failure of any component of the individual sewage treatment system that could lead to any of the other failure conditions as noted in this section.
- F. Contamination of off-site groundwater.

§ 166-7 Prohibition against activities contaminating stormwater.

- **A.** Activities that are subject to the requirements of this section are those types of activities that:
 - (1) Cause or contribute to a violation of the municipality's MS4 SPDES permit.
 - (2) Cause or contribute to the municipality being subject to the special conditions as defined in § 166-2, Definitions, of this chapter.
- **B.** Such activities include failing individual sewage treatment systems as defined in § **166-6**, improper management of pet waste or any other activity that causes or contributes to violations of the municipality's MS4 SPDES permit authorization.
- C. Upon notification to a person that he or she is engaged in activities that cause or contribute to violations of the municipality's MS4 SPDES permit authorization, that person shall take all reasonable actions to correct such activities such that he or she no longer causes or contributes to violations of the municipality's MS4 SPDES permit authorization.

§ 166-8 Prevention, control, and reduction of stormwater pollutants by use of best management practices.

- A. Best management practices. Where the SMO has identified illicit discharges as defined in § 166-2 or activities contaminating stormwater as defined in § 166-7, the municipality may require implementation of best management practices (BMPs) to control those illicit discharges and activities.
 - (1) The owner or operator of a commercial or industrial establishment shall provide, at its own expense, reasonable protection from accidental discharge of prohibited materials or other wastes into the MS4 through the use of structural and nonstructural BMPs.
 - (2) Any person responsible for a property or premises which is, or may be, the source of an illicit discharge as defined in § 166-2 or an activity contaminating stormwater as defined in § 166-7 may be required to implement, at said person's expense, additional structural and nonstructural BMPs to reduce or eliminate the source of pollutant(s) to the MS4.
 - (3) Compliance with all terms and conditions of a valid SPDES permit authorizing the discharge of stormwater associated with industrial activity, to the extent practicable, shall be deemed compliance with the provisions of this section.
- **B.** Individual sewage treatment systems: response to special conditions requiring no increase of pollutants or requiring a reduction of pollutants. Where individual sewage treatment systems are contributing to the municipality's being subject to the special conditions as defined in § **166-2** of this chapter, the owner or operator of such individual sewage treatment systems shall be required to:
 - (1) Maintain and operate individual sewage treatment systems as follows:
 - (a) Inspect the septic tank annually to determine scum and sludge accumulation. Septic tanks must be pumped out whenever the bottom of the scum layer is within three inches of the bottom of the outlet baffle or sanitary tee or the top of the sludge is within 10 inches of the bottom of the outlet baffle or sanitary tee.
 - (b) Avoid the use of septic tank additives.
 - (c) Avoid the disposal of excessive quantities of detergents, kitchen wastes, laundry wastes, and household chemicals; and
 - (d) Avoid the disposal of cigarette butts, disposable diapers, sanitary napkins, trash and other such items.
 - (e) Most tanks should be pumped out every two to three years. However, pumping may be more or less frequent depending on use. Inspection of the tank for cracks, leaks and blockages should be done by the septage hauler at the time of pumping of the tank contents.
 - (2) Repair or replace individual sewage treatment systems as follows:
 - (a) In accordance with 10 NYCRR Appendix 75A to the maximum extent practicable.
 - (b) A design professional licensed to practice in New York State shall prepare design plans for any type of absorption field that involves:
 - [1] Relocating or extending an absorption area to a location not previously approved for such.

- [2] Installation of a new subsurface treatment system at the same location.
- [3] Use of alternate system or innovative system design or technology.
- (c) A written certificate of compliance shall be submitted by the design professional to the municipality at the completion of construction of the repair or replacement system.

§ 166-9 Suspension of access to MS4; illicit discharges in emergency situations.

- A. The SMO may, without prior notice, suspend MS4 discharge access to a person when such suspension is necessary to stop an actual or threatened discharge which presents or may present imminent and substantial danger to the environment, to the health or welfare of persons, or to the MS4. The SMO shall notify the person of such suspension within a reasonable time thereafter, in writing, of the reasons for the suspension. If the violator fails to comply with a suspension order issued in an emergency, the SMO may take such steps as deemed necessary to prevent or minimize damage to the MS4 or to minimize danger to persons.
- **B.** Suspension due to the detection of illicit discharge. Any person discharging to the municipality's MS4 in violation of this chapter may have its MS4 access terminated if such termination would abate or reduce an illicit discharge. The SMO will notify a violator in writing of the proposed termination of its MS4 access and the reasons therefor. The violator may petition the SMO for a reconsideration and hearing. Access may be granted by the SMO if he/she finds that the illicit discharge has ceased and the discharger has taken steps to prevent its recurrence. Access may be denied if the SMO determines in writing that the illicit discharge has not ceased or is likely to recur. A person commits an offense if the person reinstates MS4 access to premises terminated pursuant to this section without the prior approval of the SMO.

§ 166-10 Industrial or construction activity discharges.

Any person subject to an industrial or construction activity SPDES stormwater discharge permit shall comply with all provisions of such permit. Proof of compliance with said permit may be required in a form acceptable to the municipality prior to the allowing of discharges to the MS4.

§ 166-11 Access and monitoring of discharges.

- **A.** Applicability. This section applies to all facilities that the SMO must inspect to enforce any provision of this chapter or whenever the authorized enforcement agency has cause to believe that there exists, or potentially exists, in or upon any premises, any condition which constitutes a violation of this chapter.
- B. Access to facilities.
- (1) The SMO shall be permitted to enter and inspect facilities subject to regulation under this chapter as often as may be necessary to determine compliance with this chapter. If a discharger has security measures in force which require proper

- identification and clearance before entry into its premises, the discharger shall make the necessary arrangements to allow access to the SMO.
- (2) Facility operators shall allow the SMO ready access to all parts of the premises for the purposes of inspection, sampling, examination and copying of records as may be required to implement this chapter.
- (3) The municipality shall have the right to set up on any facility subject to this chapter such devices as are necessary in the opinion of the SMO to conduct monitoring and/or sampling of the facility's stormwater discharge.
- (4) The municipality has the right to require the facilities subject to this chapter to install monitoring equipment as is reasonably necessary to determine compliance with this chapter. The facility's sampling and monitoring equipment shall be maintained at all times in a safe and proper operating condition by the discharger at its own expense. All devices used to measure stormwater flow and quality shall be calibrated to ensure their accuracy.
- (5) Unreasonable delays in allowing the municipality access to a facility subject to this chapter is a violation of this chapter. A person who is the operator of a facility subject to this chapter commits an offense if the person denies the municipality reasonable access to the facility for the purpose of conducting any activity authorized or required by this chapter.
- (6) If the SMO has been refused access to any part of the premises from which stormwater is discharged and he/she is able to demonstrate probable cause to believe that there may be a violation of this chapter or that there is a need to inspect and/or sample as part of a routine inspection and sampling program designed to verify compliance with this chapter or any order issued hereunder, then the SMO may seek issuance of a search warrant from any court of competent jurisdiction.

§ 166-12 Notification of spills.

Notwithstanding other requirements of law, as soon as any person responsible for a facility or operation, or responsible for emergency response for a facility or operation, has information of any known or suspected release of materials which are resulting or may result in illegal discharges or pollutants discharging into the MS4, said person shall take all necessary steps to ensure the discovery, containment, and cleanup of such release. In the event of such a release of hazardous materials, said person shall immediately notify emergency response agencies of the occurrence via emergency dispatch services. In the event of a release of nonhazardous materials, said person shall notify the municipality in person or by telephone or facsimile no later than the next business day. Notifications in person or by telephone shall be confirmed by written notice addressed and mailed to the municipality within three business days of the telephone notice. If the discharge of prohibited materials emanates from a commercial or industrial establishment, the owner or operator of such establishment shall also retain an on-site written record of the discharge and the actions taken to prevent its recurrence. Such records shall be retained for at least three years.

§ 166-13 Enforcement; penalties for offenses.

A. Notice of violation.

- (1) When the municipality's SMO finds that a person has violated a prohibition or failed to meet a requirement of this chapter, he/she may order compliance by written notice of violation to the responsible person. Such notice may require, without limitation:
 - (a) The elimination of illicit connections or discharges:
 - (b) That violating discharges, practices, or operations shall cease and desist:
 - (c) The abatement or remediation of stormwater pollution or contamination hazards and the restoration of any affected property;
 - (d) The performance of monitoring, analyses, and reporting;
 - (e) Payment of a fine; and
 - (f) The implementation of source control or treatment BMPs.
- (2) If abatement of a violation and/or restoration of affected property is required, the notice shall set forth a deadline within which such remediation or restoration must be completed. Said notice shall further advise that should the violator fail to remediate or restore within the established deadline, the work will be done by a designated governmental agency or a contractor and the expense thereof shall be charged to the violator.
- **B.** Penalties. In addition to or as an alternative to any penalty provided herein or by law, any person who violates the provisions of this chapter shall be guilty of a violation punishable by a fine not exceeding \$350 or imprisonment for a period not to exceed six 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 years, punishable by a fine not less than \$350 nor more than \$700 or imprisonment for a period not to exceed six months, or both; and upon conviction for a third or subsequent offense, all of which were committed within a period of five years, punishable by a fine not less than \$700 nor more than \$1,000 or imprisonment for a period not to exceed six 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.

§ 166-14 Appeal of notice of violation.

Any person receiving a notice of violation may appeal the determination of the SMO to the Village Board of Trustees within 15 days of its issuance, which shall hear the appeal within 30 days after the filing of the appeal, and, within five days of making its decision, file its decision in the office of the Municipal Clerk and mail a copy of its decision by certified mail to the discharger.

§ 166-15Corrective measures after appeal.

A. If the violation has not been corrected pursuant to the requirements set forth in the notice of violation or, in the event of an appeal, within five business days of the decision of the municipal authority upholding the decision of the SMO, then the SMO shall request the owner's permission for access to the subject private property to take any and all measures reasonably necessary to abate the violation and/or restore the property.

B. If refused access to the subject private property, the SMO may seek a warrant in a court of competent jurisdiction to be authorized to enter upon the property to determine whether a violation has occurred. Upon determination that a violation has occurred, the SMO may seek a court order to take any and all measures reasonably necessary to abate the violation and/or restore the property. The cost of implementing and maintaining such measures shall be the sole responsibility of the discharger.

§ 166-16 Injunctive relief.

It shall be unlawful for any person to violate any provision or fail to comply with any of the requirements of this chapter. If a person has violated or continues to violate the provisions of this chapter, the SMO may petition for a preliminary or permanent injunction restraining the person from activities which would create further violations or compelling the person to perform abatement or remediation of the violation.

§ 166-17 Alternative remedies.

A. Where a person has violated a provision of this chapter, he/she may be eligible for alternative remedies in lieu of a civil penalty, upon recommendation of the Municipal Attorney and concurrence of the Municipal Code Enforcement Officer, where:

- (1) The violation was unintentional.
- (2) The violator has no history of previous violations of this chapter.
- (3) Environmental damage was minimal.
- (4) The violator acted quickly to remedy the violation.
- (5) The violator cooperated in investigation and resolution.
- B. Alternative remedies may consist of one or more of the following:
 - (1) Attendance at compliance workshops.
 - (2) Storm drain stenciling or storm drain marking.
 - (3) River, stream or creek cleanup activities.

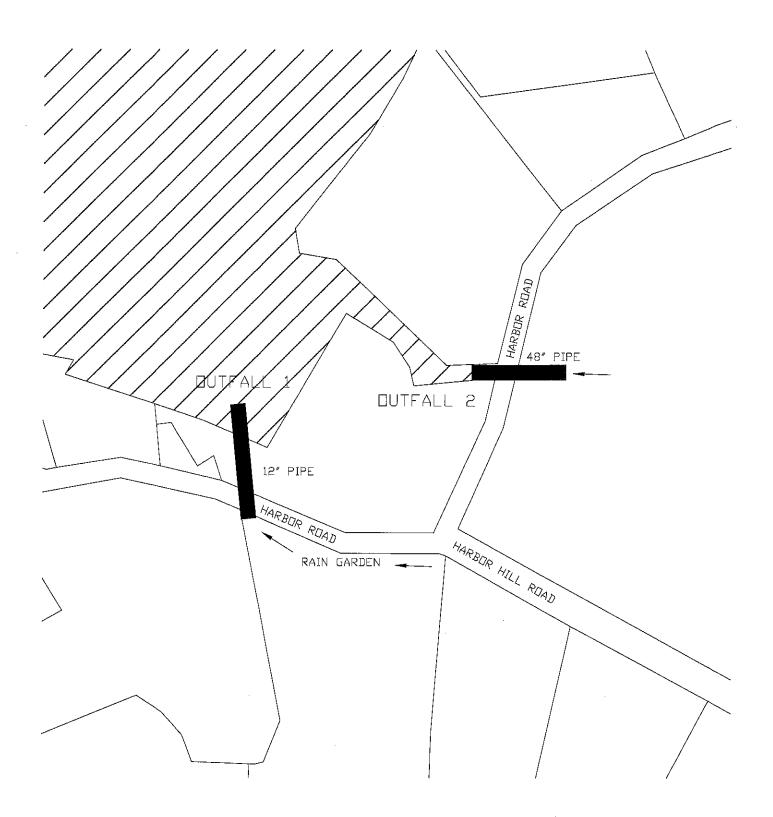
§ 166-18 Violations deemed a public nuisance.

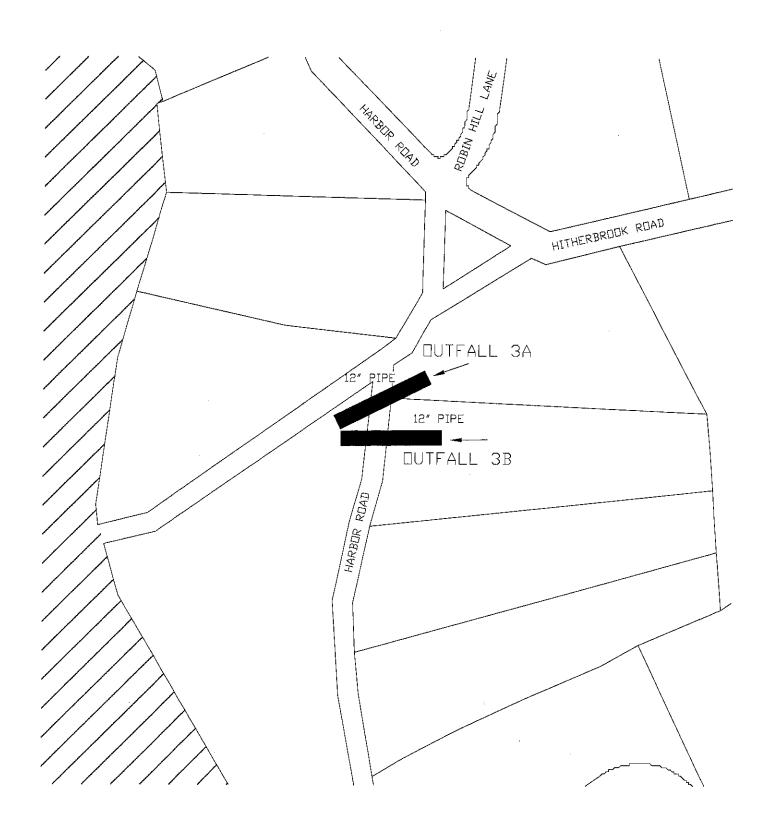
In addition to the enforcement processes and penalties provided, any condition caused or permitted to exist in violation of any of the provisions of this chapter is a threat to public health, safety, and welfare and is declared and deemed a nuisance and may be summarily abated or restored at the violator's expense, and/or a civil action to abate, enjoin, or otherwise compel the cessation of such nuisance may be taken.

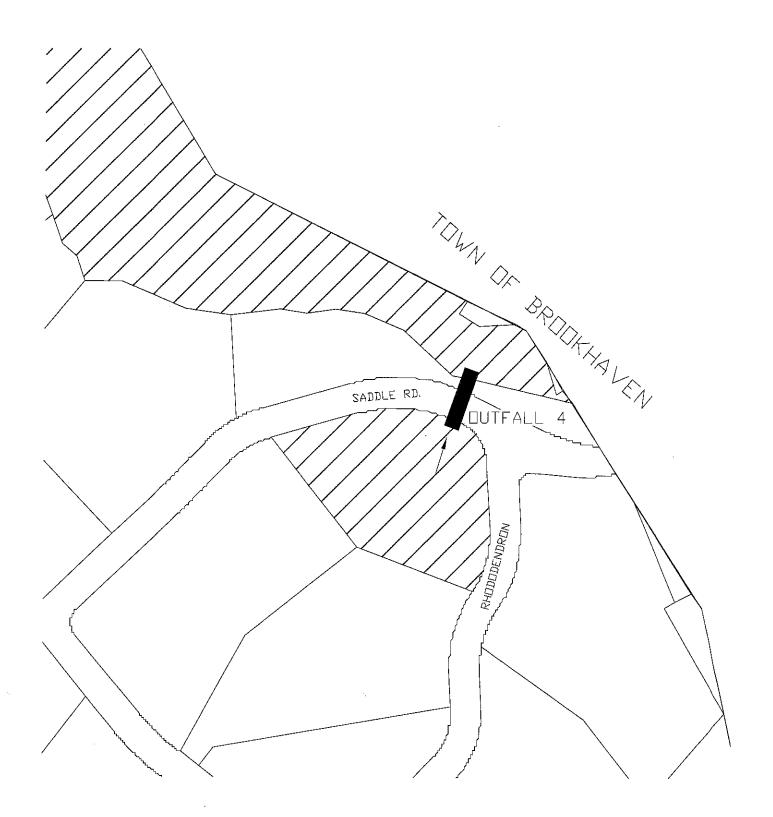
§ 166-19 Remedies not exclusive.

The remedies listed in this chapter are not exclusive of any other remedies available under any applicable federal, state or local law, and it is within the discretion of the authorized enforcement agency to seek cumulative remedies.

APPENDIX C Drainage Outfall System Map







APPENDIX D 2022 Annual Report

MS4 Annual Report Cover Page

MCC form for period ending March 9, 2 0 2 2

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This report is being submitted on behalf of an individual MS4.

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(Per Part II.E of GP-0-10-002)

Name of Single Entity		
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O This is a joint report being submitted on behalf of a coalition.

Provide SPDES ID of each permitted MS4 included in this report. Use page 2 if needed.

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MS4 Annual Report Cover Page

MCC form for period ending March 9, 2 0 2 2

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MS4 Municipal Compliance Certification(MCC) Form

MCC form for period ending March 9, 2 0 2 2

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MS4 Municipal Compliance Certification(MCC) Form

MCC form for period ending March 9, 2 0 2 2

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Section 2 - Contact Information

Important Instructions - Please Read

Contact information must be provided for <u>each</u> of the following positions as indicated below:

- 1. Principal Executive Officer, Chief Elected Official or other qualified individual (per GP-0-08-002 Part VI.J).
- 2. Duly Authorized Representative (Information for this contact must only be submitted if a Duly Authorized Representative is signing this form)
- 3. The Local Stormwater Public Contact (required per GP-0-08-002 Part VII.A.2.c & Part VIII.A.2.c).
- 4. The Stormwater Management Program (SWMP) Coordinator (Individual responsible for coordination/implementation of SWMP).
- 5. Report Preparer (Consultants may provide company name in the space provided).

A separate sheet must be submitted for each position listed above unless more than one position is filled by the same individual. If one individual fills multiple roles, provide the contact information once and check all positions that apply to that individual.

If a new Duly Authorized Representative is signing this report, their contact information must be provided and a signature authorization form, signed by the Principal Executive Officer or Chief Elected Official must be attached.

For each contact, select all that apply:

- O Principal Executive Officer/Chief Elected Official
- Duly Authorized Representative
- Local Stormwater Public Contact
- Stormwater Management Program (SWMP) Coordinator
- Report Preparer

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MS4 Municipal Compliance Certification (MCC) Form

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MS4 Municipal Compliance Certification(MCC) Form

MCC form for period ending March 9, 2 0 2 2

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Name of MS4 Village of Head of The Harbor	N	Y	R	2	0	A	3	5	3

Section 4 - Certification Statement

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

This form must be signed by either a principal executive officer or ranking elected official, or duly authorized representative of that person as described in GP-0-08-002 Part VI.J.

First Name	MI Last Name	
Douglas	A Dahlgard	_
Title (Clearly print title of individual signing report)		
Mayor		
Signature		
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Send completed form and any attachments to the DEC Central Office at:

MS4 Permit Coordinator Division of Water 4th Floor 625 Broadway Albany, New York 12233-3505

This report is being submitted for the reporting period ending March 9, 2 0 2 2

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This report is being submitted for the reporting period ending March 9, 2 0 2 2

Name of MS4/Coalition Village of Head of The Harbor	SPDES ID N Y R 2 0 A 3 5 3
Minimum Control Measure 1. Public Ed	ucation and Outreach
The information in this section is being reported (check one):	
 On behalf of an individual MS4 On behalf of a coalition How many MS4s contributed to this report? 	
1. Targeted Public Education and Outreach Best Managem	ent Practices
Check all topics that were included in Education and Outreach d	uring this reporting period:
Construction Sites	O Pesticide and Fertilizer Application
● General Stormwater Management Information	O Pet Waste Management
O Household Hazardous Waste Disposal	O Recycling
• Illicit Discharge Detection and Elimination	O Riparian Corridor Protection/Restoration
O Infrastructure Maintenance	Trash Management
O Smart Growth	O Vehicle Washing
O Storm Drain Marking	O Water Conservation
O Green Infrastructure/Better Site Design/Low Impact Development	Wetland Protection
O Other:	○ None
Other	
2. Specific audiences targeted during this reporting period:	
O Public Employees O Contractors	
Residential Developers	
O Businesses O General Public	
O Restaurants O Industries	
O Other: O Agricultural	
Other	

This report is being submitted for the reporting period ending March 9, 2 0 2 2

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This report is being submitted for the reporting period ending March 9, 2 0 2 2

Name of MS4/Coalition Village of Head of The Harbor SPDES ID N Y R 2 0 A 3 5 3
4. Evaluating Progress Toward Measurable Goals MCM 1
Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.
A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.
Provide handouts at Village Hall regarding stormwater. Continue education of applicants to the Planning Board
B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.
Applications to the Planning Board include Storm Water management on all projects regardless of the amount of clearing. The Village is a residential community and projects are all residential in nature with clearing limits kept to below one (1) acre.
C. How many times was this observation measured or evaluated in this reporting period?
5
D. Has your MS4 made progress toward this Measurable Goal during this reporting period? • Yes • No
E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP? • Yes • No
F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).
Continue with handouts.

This report is being submitted for the reporting period ending March 9, 2 0 2

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank. SPDES ID Village of Head of The Harbor

Y R 2 0 A Name of MS4/Coalition Minimum Control Measure 2. Public Involvement/Participation The information in this section is being reported (check one): On behalf of an individual MS4 On behalf of a coalition How many MS4s contributed to this report? 1. What opportunities were provided for public participation in implementation, development, evaluation and improvement of the Stormwater Management Program (SWMP) Plan during this reporting period? Check all that apply: O Cleanup Events #Events O Comments on SWMP Received # Comments O Community Hotlines 0 Phone # Phone # 0 0 0 Phone # 0 Phone# 0 Phone# 0 0 Phone# 0 0 Phone # 0 Phone# 0 0 0 Phone# 0 0 0 0 Phone# Phone# Community Meetings 2 0 # Attendees O Plantings Sq. Ft. O Storm Drain Markings #Drains O Stakeholder Meetings # Attendees Volunteer Monitoring 3 # Events Other: 2. Was public notice of availability of this annual report and Stormwater Management Program (SWMP) Plan provided? **Yes** O No O List-Serve # In List O Newspaper Advertising # Days Run O TV/Radio Notices # Days Run Other: V a g e H a

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Name of MS4/Coalition Village of Head of The Harbor

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, $2 \mid 0 \mid 2 \mid 2$

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

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	Ple	ase	pr	ovi	de	spe	cif	ic a	ddr	ess	of	pag	ge v	vhe	ere	rep	ort	car	ı be	e ac	ces	sed	- r	ot	hor	ne					
eM	ail														Γ		_		1									0 (Con	nme	nts
																								,							

This report is being submitted for the reporting period ending March 9, 2 0 2 2

	SPDES ID
Name of MS4/Coalition Village of Head of The Harbor	N Y R 2 0 A 3 5 3
4.a. If this report was made available on the internet, what da	ate was it posted?
Leave blank if this report was not posted on the internet.	0 5 / 2 7 / 2 0 2 2
4.b. For how many days was/will this report be posted?	9 0
If submitting a report for single MS4, answer 5.a If submitt	ing a joint report, answer 5.b
5.a. Was an Annual Report public meeting held in this report	ing period? O Yes No
If Yes, what was the date of the meeting?	0 / 0 /
If No, is one planned?	○ Yes • No
5.b. Was an Annual Report public meeting held for all MS4s	contributing to this report during
this reporting period?	○ Yes ● No
If No, is one planned for each?	○ Yes ● No
6. Were comments received during this reporting period?	○ Yes • No
If Yes, attach comments, responses and changes made to SWMP in response to comments to this report.	

This report is being submitted for the reporting period ending March 9, 2 0 2 2

Name of MS4/Coalition	Village of Head of The	Harbor		N N	Y R 2 0) A 3	5 3
7. Evaluating Pro	gress Toward N	Ieasurable Goal	ls MCM 2				
Use this page to rep identified in your St III.C.1. Submit addi	tormwater Manag	gement Program	•	_			'art
A. Briefly summar	rize the Measur:	able Goal identi	fied in the SV	VMPP in	this reporti	ng perio	od.
Planning Board me Management practi with storm water pr	ices used in every	y application. Th					ns
B. Briefly summar Goal.	rize the observat	tions that indica	ited the overa	ill effectiv	eness of this	s Measu	rable
New homes and ma	ajor revisions inc	lude storm water	collection on	impervio	us surfaces.		i
		,					
C. How many time	es was this obser	rvation measure	d or evaluate	ed in this i	reporting po	eriod?	8
							icipants/even
D. Has your MS4 i	made progress t	oward this mea	surable goal o	during thi		period? ● Yes	
E. Is your MS4 on	schedule to med	et the deadline s	et forth in the	e SWMP)		• Yes	O N 0
F. Briefly summar the next reporti	rize the stormwa ing cycle (includ	_		- ·	s of this MC	CM duri	ing
Continue education	through Coastal	Commission and	d Planning Bo	ard.			
			<u> </u>				

This report is being submitted for the reporting period ending March 9, 2 0 2 2

Name of MS4/Coalition Village of Head of The Harbor	N Y R 2 0 A 3 5 3
Minimum Control Measure 3	. Illicit Discharge Detection and Elimination
The information in this section is being reporte	d (check one):
 On behalf of an individual MS4 On behalf of a coalition How many MS4s contributed to 	o this report?
1. Enter the number and approx. percen	nt of outfalls mapped: 4 # 1 0 0 %
2. How many of these outfalls have been reporting period (outfall reconnaissan	screened for dry weather discharges during this nee inventory)?
3.a. What types of generating sites/sewers reporting period?	heds were targeted for inspection during this
O Auto Recyclers	 Landscaping (Irrigation)
O Building Maintenance	O Marinas
○ Churches	O Metal Plateing Operations
O Commercial Carwashes	Outdoor Fluid Storage
O Commercial Laundry/Dry Cleaners	O Parking Lot Maintenance
O Construction Vehicle Washouts	O Printing
O Cross-Connections	O Residential Carwashing
O Distribution Centers	○ Restaurants
O Food Processing Facilities	O Schools and Universities
O Garbage Truck Washouts	Septic Maintenance
O Hospitals	 Swimming Pools
O Improper RV Waste Disposal	O Vehicle Fueling
O Industrial Process Water	O Vehicle Maint./Repair Shops
Other:	O None
O Sewersheds:	

This report is being submitted for the reporting period ending March 9, 2 0 2 2 If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

		10 L 10 L 10 L 10		
Name of MS4/Coalition Village of Hoad of The Harbor		NYR	2 0 A	3 5 3
3.b.What types of illicit discharges have	been found during th	is reporting period	[?	
O Broken Lines From Sanitary Sewer	O Industrial Connection	ns		
O Cross Connections	O Inflow/Infiltration			
O Failing Septic Systems	O Pump Station Failure	:		
O Floor Drains Connected To Storm Sewers	O Sanitary Sewer Over	flows		
O Illegal Dumping	O Straight Pipe Sewer 1	Discharges		
O Other:	None			
4. How many illicit discharges/potentia	l illegal connections h	ave been detected o	luring tl	าเร
reporting period?	I IIICGUI COMMODIANIS IA	are pool develous		0
			_	
5. How many illicit discharges have been	en confirmed during th	his reporting perio	d?	0
() TT		11-1-4-1 1-4-1	T	44
6. How many illicit discharges/illegal coperiod?	innections have been (eliminated during t	nis repo	rting
-			<u>_</u>	
Has the storm sewershed mapping be If No, approximately what percent was			● Yes	
	comprove to size repor	Parram.	1	0 0 용
8. Is the above information available in			• Yes	
Is this information available on the w If Yes, provide URL(s):	veb?		O Yes	• No
Please provide specific address of page	where map(s) can be ac	cessed - not home p	age.	
URL				
			1 1 1	
URL	, 			
	1 1 1		1 1	

This report is being submitted for the reporting period ending March 9, 2 0 2 2

URL URL URL	
URL	
URL	
URL .	
URL	
	<u> </u>
URL	
Has an IDDE law been adopted for each traditional MS4 and/or have IDDE p	

This report is being submitted for the reporting period ending March 9, 2 0 2 2

				SPDES ID	
Name of MS4/Coalition	Village of Head of The Harbor			N Y R 2 0	A 3 5 3
12. Evaluating Pro	gress Toward Measu	irable Goals MC	CM 3		
identified in your St	oort on your progress a tormwater Manageme itional pages as neede	nt Program Plan			
A. Briefly summar	rize the Measurable	Goal identified i	in the SWMPP	in this reporting	g period.
Continued efforts to	o monitor 4 outfalls fo	or illicit discharge	es.		
				V .	
B. Briefly summar Goal.	rize the observations	that indicated t	he overall effec	ctiveness of this	Measurable
There were no illici	it discharges detected.	•			
		· .			
C. How many time	es was this observation	on measured or	evaluated in th	uis reporting per	iod?
•					1
D. Has your MS4 i	made progress towar	rd this measural	ble goal during		les/participants/events) Deriod?
D. Had Jour Hab .	man brogress soliar		,,, B,,,,, ,,,,,,		Yes O No
E. Is your MS4 on	schedule to meet the	e deadline set fo	rth in the SWN		Yes O No
	rize the stormwater a ing cycle (including a				
Continue with moni	itoring.				
			·		

This report is being submitted for the reporting period ending March 9, 2 0 2 2

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

	SPI	DES							
Name of MS4/Coalition Village of Head of The Harbor	Ņ	Y	R	2	0	Α	3	5	3
Name of the processing and the p									

Minimum Control Measures 4 and 5.

	Construction Site and Post-Construction Control	
The	e information in this section is being reported (check one):	
	On behalf of an individual MS4 On behalf of a coalition How many MS4s contributed to this report?	
1a.	. Has each MS4 contributing to this report adopted a law, ordinance or other regulatory mechanism that provides equivalent protection to the NYS SPDES General Permit for Stormwater Discharges from Construction Activities?	O No
1b	Has each Town, City and/or Village contributing to this report documented that the law equivalent to a NYSDEC Sample Local Law for Stormwater Management and Erosion Sediment Control through either an attorney cerfification or using the NYSDEC Gap Analysis Workbook?	is and
	Analysis Workbook? Yes O No	O IVI
	If Yes, Towns, Cities and Villages provide date of equivalent NYS Sample Local Law. O 09/2004 • 03/2006	o nt
2.	Does your MS4/Coalition have a SWPPP review procedure in place? • Yes	O No
3.	How many Construction Stormwater Pollution Prevention Plans (SWPPPs) have been reviewed in this reporting period?	0
4.	Does your MS4/Coalition have a mechanism for receipt and consideration of public comments related to construction SWPPPs? • Yes	O NT
	If Yes, how many public comments were received during this reporting period?	0
5.	Does your MS4/Coalition provide education and training for contractors about the loca SWPPP process? O Yes	I ● No

O Other

do not have authority:		
O Notices of Violation	#	O No Authority
O Stop Work Orders	#	O No Authority
O Criminal Actions	#	O No Authority
O Termination of Contracts	#-	O No Authority
O Administrative Fines	#	O No Authority
O Civil Penalties	#	O No Authority
O Administrative Orders	#	O No Authority
O Enforcement Actions or Sanctions	#	

O No Authority

6. Identify which of the following types of enforcement actions you used during the reporting period for construction activities, indicate the number of actions, or note those for which you

This report is being submitted for the reporting period ending March 9, 2 0 2 2

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

			SPI	DES	ID						
Name of MS4/Coalition	Village of Head of The Harbor		N	Y	Ŕ	2	0	Α	3	5	3
		· ·									
N#::	antual Manguma 4	Constantion Cita Starm	er o f	-24	n.		aff	٠.	a wa f	·ro¹	ī

Minimum Control Measure 4. Construction Site Stormwater Runoff Control

Th	e information in this section is being reported (check one):			
	On behalf of an individual MS4 On behalf of a coalition How many MS4s contributed to this report?			
1.	How many construction projects have been authorized for disturbances of one during this reporting period?	acre or	more 0	_
2.	How many construction projects disturbing at least one acre were active in you during this reporting period?	ır jurisd	liction 0	- 1
3.	What percent of active construction sites were inspected during this reporting	period?		
4.	What percent of active construction sites were inspected more than once?	1 0	O N7	
5.	Do all inspectors working on behalf of the MS4s contributing to this report use Construction Stormwater Inspection Manual? • Yes	the NY		
6.	Does your MS4/Coalition provide public access to Stormwater Pollution Preve (SWPPPs) of construction projects that are subject to MS4 review and approve • Yes		ans O Ni	ľ
	If your MS4 is Non-Traditional, are SWPPPs of construction projects made avpublic review?		for	
	If Yes, use the following page to identify location(s) where SWPPPs can be accessed	d.		

This report is being submitted for the reporting period ending March 9, 2 0 2 2 If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

	SPD	ES I	D			
ame of MS4/Coalition Village of Head of The Harbor	N	Y	R 2	0 A	. 3	5 3
5. con't.:						
Submit additional pages as needed.						
MS4/Coalition Office						
Department	T T					
Building Department				<u>. </u>		
Address	TT	—Т			ТТ	
500 North Country Road						
City Zip St. James NY 1		7 8	3 0	-[
Phone						
(6 3 1) 5 8 4 - 5 5 5 0						
Library						
Address	.					- T
City						
City Zip				-		
Phone						
Other						
Address						
City Zip					1	
Phone						
Web Page URL(s): Please provide specific address where SWPPPs can be a	acce	ssed	- not	home	page	: .
URL	· · · · ·				тТ	
	-					
TIME	II.					
URL						T
					++	
					1	<u> </u>
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This report is being submitted for the reporting period ending March 9, $\begin{bmatrix} 2 & 0 \end{bmatrix} \begin{bmatrix} 2 & 2 \end{bmatrix}$

			SPDES ID
Name of MS4/Coalition	Village of Head of The Harbor		N Y R 2 0 A 3 5 3
7. Evaluating Pro	gress Toward Measurable Go	als MCM 4	
identified in your St	port on your progress and project tormwater Management Progran itional pages as needed.	~	
A. Briefly summar	rize the Measurable Goal iden	tified in the SWMP	P in this reporting period.
Review all SWPPP	and perform site inspections. F	rovide all contractor	s with guidance materials.
B. Briefly summar Goal.	rize the observations that indic	cated the overall eff	ectiveness of this Measurable
All sites that require	ed SWPPP submissions were su	bmitted and reviewe	ed.
C. How many time	es was this observation measur	ed or evaluated in	this reporting period?
-			3
D. Has your MS4 r	made progress toward this me	asurable goal durin	ex.: samples/participants/events this reporting period? ● Yes ○ No
E. Is your MS4 on	schedule to meet the deadline	set forth in the SW	
-	rize the stormwater activities p ng cycle (including an implem		goals of this MCM during
Continue with SWP	PPP review and inspections.		
	•		

This report is being submitted for the reporting period ending March 9, 2 0 2 2

Name of MS4/Coalitic	Village of Head of	The Harbor		N Y R	2 0 A 3 5 3
<u>Minimum</u>	Control Me	asure 5. Post	t-Constructi	on Stormwater M	anagement
The information in t	his section is bei	ng reported (che	eck one):		
On behalf of an irOn behalf of a conHow r		tributed to this	report?		,
				anagement practices heporting period?	as your
		# Inventoried	# Inspections	# Times Maintained	
O Alternative Practic	res	Anventoried	Inspections	Wiaintamed	
O Filter Systems					
O Infiltration Basins					
Open Channels					-
O Ponds					
O Wetlands					
O Other					
2. Do you use an BMPs, inspect		_	abase, spreads	heet) to track post-c	onstruction ○ Yes • No
3. What types of Development/F				implement Low Implement?	pact
Building Codes	O Municipal C	Comprehensive P	lans		
Overlay Districts	Open Space	Preservation Pro	ogram		
Zoning	O Local Law o	r Ordinance			
O None	O Land Use R	egulation/Zoning	g		
O Watershed Plans	Other Comp	rehensive Plan			
Other:					

This report is being submitted for the reporting period ending March 9, 2 0 2 2

			OLF	JEOL	U					
Na	me of MS4/Coalition Village of Head of The Harbor		N	Y	2	0	А	3	5	3
4a	. Are the MS4s contributing to this report involved in a regional	/watershe	d y	/ide j	olanı	_	eff Ye		? ●]	No
4b	. Does the MS4 have a banking and credit system for stormwate	r managei	mei	ıt pr	actic	es?				
		, ,		•			Ye	S	•	No
4c.	Do the SWMP Plans for each MS4 contributing to this report is and approval of banking and credit of alternative siting of a stop of the st	~				t pr		ice?	•	No
4d	How many stormwater management practices have been imple reporting period?	mented as	s pa	irt of	this	sys	tem	in	this	3
5.	What percent of municipal officials/MS4 staff responsible for p training on Low Impace Development (LID), Better Site Design Infrastructure principles in this reporting period?	•	-				ittei	nde		%

This report is being submitted for the reporting period ending March 9, 2 0 2 2

Name of MS4/Coalition	Village of Head of The Harbor		SPDES ID NYR2	0 A 3 5 3
Name of MS4/Coaffici	ц			<u> </u>
6. Evaluating Pro	ogress Toward Measur	able Goals MCM 5		
identified in your S	port on your progress and tormwater Management litional pages as needed.	·		
A. Briefly summa	rize the Measurable G	oal identified in the S	WMPP in this reporti	ng period.
Maintain and inspe	ect all post-construction	stormwater practices.		
•			·	
et.				
B. Briefly summar Goal.	rize the observations th	nat indicated the over	all effectiveness of thi	s Measurable
No post-construction	on stormwater practices	to date.		
C. How many time	es was this observation	measured or evaluat	ed in this reporting pe	eriod?
			,	0
D. Has your MS4	made progress toward	this measurable goal	during this reporting	mples/participants/eve period? • Yes ONo
E. Is your MS4 on	schedule to meet the d	leadline set forth in th	ne SWMPP?	
	rize the stormwater act ing cycle (including an		et the goals of this MC	Yes O No CM during
		·		

This report is being submitted for the reporting period ending March 9, 2 0 2 2

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

	SPI	DES	\mathbf{ID}						
Name of MS4/Coalition Village of Head of The Harbor	N	Y	R	2	0	A	3	5	3

Minimum Control Measure 6. Stormwater Management for Municipal Operations

The information in this section is being reported	(check one):
 On behalf of an individual MS4 On behalf of a coalition How many MS4s contributed to 	this report?
Pollutants of Concern to the MS4 system operation/facility has been addressed in Program(SWMP) Plan and whether a reporting period. A self-assessment is potentially generated by the permittee effectiveness of existing programs and	acility that contributes or may potentially contribute m. For each operation/facility indicate whether the n the MS4's/Coalition's Stormwater Management self-assessment has been performed during the performed to: 1) determine the sources of pollutants s operations and facilities; 2) evaluate the 3) identify the municipal operations and facilities prevention and good housekeeping program, if it's
	Self-Assessment
	Operation/Activity/Facility
O	performed within the past 3
Operation/Activity/Facility	Addressed in SWMP? years?
Street Maintenance	
Bridge Maintenance	○ Yes • No ○ Yes • No
Winter Road Maintenance	

This report is being submitted for the reporting period ending March 9, 2 0 2 2 If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

	SPDES ID				
Name of MS4/Coalition Village of Head of The Harbor	NYR2	0 A	. 3	5	3
2. Provide the following information about municipal operation	ns good housekeep	oing p	rogr	am	ıs:
• Parking Lots Swept (Number of acres X Number of times swept)	# Acres				0
• Streets Swept (Number of miles X Number of times swept)	# Miles				0
© Catch Basins Inspected and Cleaned Where Necessary	. #			4	0
O Post Construction Control Stormwater Management Practices Inspected and Cleaned Where Necessary	#				
O Phosphorus Applied In Chemical Fertilizer	# Lbs.	·			
O Nitrogen Applied In Chemical Fertilizer	#Lbs.				Ī
 Pesticide/Herbicide Applied (Number of acres to which pesticide/herbicide was applied X Num times applied to the nearest tenth.) 	# Acres description # Acre	0].[
3. How many stormwater management trainings have been produring this reporting period?	vided to municipa	l emp	loye		
during this reporting period:	••.				3
4. What was the date of the last training?	12/03	/ 2	0	2 :	1
5. How many municipal employees have been trained in this rep	porting period?				3
6. What percent of municipal employees in relevant positions are stormwater management training?	nd departments re	ceive		0 9	%

This report is being submitted for the reporting period ending March 9, $\begin{vmatrix} 2 & 0 \end{vmatrix} \begin{vmatrix} 2 & 2 \end{vmatrix}$

Name of MS4/Coalition	Village of Head of The Harbo	ог		N Y R 2 0	A 3 5 3
7. Evaluating Pro	gress Toward Meas	surable Goals MCM	6		
identified in your St	oort on your progress tormwater Manageme itional pages as neede	ent Program Plan (SV		-	
A. Briefly summan	rize the Measurable	Goal identified in t	ne SWMPP	in this reportin	ng period.
Perform housekeep	oing services and mai	ntain all Village prop	erties		
B. Briefly summar Goal.	rize the observations	s that indicated the	overall effe	ctiveness of this	Measurable
entering into an agr Drain cleaning is a Nissequogue, the V	Department street swe reement with the Tow accomplished on a reg fillage of The Branch "Vac-All" that will e	yn of Smithtown to sy gular basis. The Villa and the Town of Sm	veep Village ge of Head o ithtown wer	e roads going for of The Harbor, V e successful in G	rward. Village of
C. How many time	es was this observati	ion measured or eva	luated in th	is reporting pe	riod?
					1 2
D. Has your MS4 1	made progress towa	rd this measurable	goal during	this reporting	ples/participants/event period? • Yes ONo
E. Is your MS4 on	schedule to meet th	e deadline set forth	in the SWN		N.Van O.Na
,	ize the stormwater : ng cycle (including :	_	_		Yes O No M during
Continue with swee	ping and drain clean	ing program.			

This report is being submitted for the reporting period ending March 9, $2 \mid 0 \mid 2 \mid 2$ If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

		SPE	ES	ID						
Name of MS4/Coalition	Village of Head of The Harbor	N	Y	R	2	0	А	3	5	3
·										

e information in this section On behalf of an individual N		0110/1	
On behalf of a coalition	VIST		
How many MS	4s contributed to this re	eport?	
		- r	
43.5			
S4s must answer the qu	estions or check NA a	s indicated in the table	below.
MS4 Description	Answer	Check NA	(POC)
NYC EOH Watershed raditional Land Use	12345670-400000	101112	Phosphorus
raditional Land Use	1,2,3,4,5,6,7a-d,8a,8b,9 1,2,3,4,7a-d,8a,8b,9	10,11,12	Phosphorus
on-Traditional	1,2,77a-d,8a,8b,9	3,4,5,10,11,12	Phosphorus
Onondaga Lake Watershed	1,2,174-4,04,00,3		11000010111
raditional Land Use	1,6,7a-d,8a,9	2,3,4,5,8b,10,11,12	Phosphorus
raditional Non-Land Use	1,6,7a-d,8a,9	2,3,4,5,8b,10,11,12	Phosphorus
on-Traditional	1,6,7a-d,8a,9	2,3,4,5,8b,10,11,12	Phosphorus
Greenwood Lake Watershed	<u> </u>	0.0000000000000000000000000000000000000	7
raditional Land Use	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
aditional Non-Land Use	1,4,6,7a-d,8a,9 1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus Phosphorus
Oyster Bay	1,4,0,7a-d,8a,9	2,3,5,8b,10,11,12	ruospuorus
aditional Land Use	I,4,7a-d,9,10,11,12	2,3,5,6,8a,8b	Pathogens
aditional Non-Land Use	1,4,7a-d,9,10,11,12	2,3,5,6,8a,8b	Pathogens
on-Traditional	1,4,7a-d,9	2,3,4,5,8a,8b,10,11,12	Pathogens
Peconic Estuary	-	-	-
aditional Land Use	1,4,7a-d,8a,9,10,11,12	2,3,5,6,8b	Pathogens and Nitrogen
raditional Non-Land Use	1,4,7a-d,8a,9,10,11,12	2,3,5,6,8b	Pathogens and Nitrogen
on-Traditional Oscawana Lake Watershed	1,4,7a-d,8a,9	2,3,4,5,8b,10,11,12	Pathogens and Nitrogen
aditional Land Use	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
aditional Non-Land Use	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
on-Traditional	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
LI 27 Embayments	_	-	
aditional Land Use	1,2,3,4,7a-d,9,10,11,12	5,6,8a,8b	Pathogens
aditional Non-Land Use	1,2,3,4,7a-d,9,10,11,12	5,6,8a,8b	Pathogens
	1.2,3,4,7a-d.9	5.6.8a.8b,10,11.12	Pathogens

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2 0 2 2 If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

	SPDES ID		
Name of MS4/Coalition Village of Head of The Harbor	NYR 2	0 A	3 5 3
3. Does your MS4/Coalition have a Stormwater Conveyance Systand Maintenance Plan Program?	tem (infrastructi ● Yes	u re) Ins j O No	_
4. Estimate the percentage of on-site wastewater treatment system and maintained or rehabilitated as necessary in this reporting		n inspe	cted 0 %
5. Has your MS4/Coalition developed a program that provides provided by NYSDEC SPDES General Permit for Stormwater Discharges (GP-0-08-001) to reduce pollutants in stormwater runoff from disturb five thousand square feet or more?	from Constructi	on Activ tivities t	vities
6. Has your MS4/Coalition developed a program to address post- runoff from new development and redevelopment projects that equal to one acre that provides equivalent protection to the NY Permit for Stormwater Discharges from Construction Activities the New York State Stormwater Design Manual Enhanced Pho Standards?	t disturb greater 'S DEC SPDES es (GP-0-08-001)	r than or General), includ	r I
7a. Does your MS4/Coalition have a retrofitting program to reduc phosphorus/nitrogen/pathogen loading?	e erosion or O Yes	● No	O N/A
7b. How many projects have been sited in this reporting period?			0
c. What percent of the projects included in 7b have been complet	ed in this report	ing peri	iod?
d. What percent of projects planned in previous years have been	completed?		%
Sa. Has your MS4/Coalition developed and implemented a turf ma procedures policy that addresses proper fertilizer application of lands?	nagement pract	wned	
b. Has your MS4/Coalition developed and implemented a turf ma procedures policy that addresses proper disposal of grass clipp municipally owned lands?	nagement practi ings and leaves t • Yes	ices and from • No	0 n /a

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2 0 2 2

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

	SPDES ID	SPDES ID		
Name of MS4/Coalition Village of Head of The Harbor	N Y R 2 0 2	1 3 5 3		
9. Has your MS4/Coalition developed and implemented a progr	am of native planting?	1		
	♥ Yes ○ N	Io O N/A		
10. Has your MS4/Coalition enacted a local law prohibiting pet w prohibiting goose feeding?	vaste on municipal pro ○ Yes • N	_		
11. Does your MS4/Coalition have a pet waste bag program?	○ Yes • N	lo O N/A		
12. Does your MS4/Coalition have a program to manage goose populations?	○ Yes ● N	lo O N/A		

APPENDIX E Procedures for SWPPP Review

VILLAGE OF HEAD OF THE HARBOR STORMWATER MANAGEMENT PLAN PROCEDURES FOR SWPPP REVIEW

The Village of Head of The Harbor, in order to fulfill its requirements under NYS Phase II regulations (New York State Pollutant Discharge Elimination System ("SPDES") General Permit for Stormwater Discharge from Municipal Separate Storm Sewer Systems (GP-0-08-002), requires all projects that involve the clearing of more than one acre of land, and whose project may cause discharge of storm water run-off into water bodies, drainage structures, water courses or may cause discharge of storm water run-off into areas that may eventually lead to water bodies, drainage structures, water courses to comply with permit requirements applicable to the work performed.

Procedure: Once it is determined that the proposed project meets or exceeds the one acre clearing threshold the applicant or authorized agent must:

- Provide the Village of Head of The Harbor with four (4) hard copies of a written Storm Water Management and Erosion Control Plan along with four (4) copies of a site plan clearly defining the measures to be taken to control run-off from the site during construction and post construction.
- The plan must follow the procedures as outlined in:

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
SPDES GENERAL PERMIT
FOR STORMWATER DISCHARGES
FROM
CONSTRUCTION ACTIVITY

Note: Permit No. GP-0-10-001 is available for review at the Village Hall in the Village of Head of The Harbor's Stormwater Management Plan The plan to include:

PERMIT No. GP-0-10-001

- A certification statement site workers will become familiar with the plan, have reviewed conditions of the plans approval and agree to comply with the plan as well as the terms and conditions of the New York State Pollutant Discharge Elimination Systems (SPDES) general permit.
- Backgroung and/or description of the project.
- The soil conditions of the site and supporting soil borings.
- Existing storm water management, if any, on the site.
- Proposed storm water management to contain run-off on the site during construction and post construction.
- A schedule of construction activities.
- Special pollutants that may be associated with the project.
- Maintenance of Erosion Control during construction.
- Long term maintenance of post construction erosion control measures.
- Easement agreement to allow Village to periodically inspect the completed work.

	 The Village Building Inspector will distribute the plan for review to: Planning Board Joint Coastal Commission Village Engineer - who will assure that all requirements are included in the SWPPP.
	All reviewers will provide comments to the Village Engineer who will cause the applicant or authorized agent to correct, modify and/or improve the plan.
	The Planning Board shall have the final approval responsibility.
	Once the plan is approved the applicant shall submit to the Village a completed Notice of Intent (NOI) as well as the MS4 Acceptance Form.
	When approved by the Planning Board, the MS4 Acceptance Form, signed by the Planning Board Chairman, and the NOI shall be forwarded to New York State Department of Environmental Control.
	The New York State Department of Environmental Control will advise the applicant that the NOI is accepted and that acceptance shall be forwarded to the Village.
	New York State Department of Environmental Control approval is required prior to the commencement of construction.
	The approved plan, NOI, MS4 Acceptance Form will be maintained in the Building Department file for the specific project and property.
	The approved plan, NOI, MS4 Acceptance Form, will be provided to the applicant or authorized agent where it shall be maintained on-site. In addition inspection reports shall also be maintained on-site. Copies of the inspection reports are to be provided to the Building Inspector who shall maintain the reports in the Building Department file for the specific project and property.
u	 Construction Phase: The Building Inspector shall be notified 48 hours in advance of the start of construction. The Building Inspector shall visit the site at least once a week to assure

- compliance with the SWPPP.
- The Building Inspector, if he so determines that the SWPPP is not being followed has the following enforcement tools at his disposal:
 - Notice of Violation A statement specifying the violation along with a time schedule to remedy the violation is issued.
 - Stop-Work Order A stop work order may be issued that will prevent construction from occurring pending the remedy of the violation.
 - Violation A summons may be issued for non-compliance.

 Penalties - Violations are punishable by a fine not exceeding \$350.00 or imprisonment for a period not to exceed six months or both. The fine increases with subsequent violations or for non compliance.

□ Post Construction Controls:

- The operator of the stormwater discharge must submit a Notice of Termination (NOT) to the Village. It shall contain:
 - Applicant/Activity information
 - Site/Activity Information
 - Reason for Termination
 - Final Site Information. Permanent practices that were explained in the SWPPP are to be maintained by the operator. To assure compliance the operator and the Village shall enter into a Stormwater Control Facility Maintenance Agreement (as contained in Chapter 65 of the Village Code). This agreement, among other issues, is to assure that the operator maintains the improvements to assure optimum performance, to provide periodic inspections of the improvements, not less than once in five years, by a Professional Engineer, who shall approve and certify the improvements.
 - In the event the operator does not maintain the improvements, allows the Village to enter onto the property for such maintenance.

VILLAGE OF HEAD OF THE HARBOR STORMWATER MANAGEMENT PLAN PROCEDURES FOR SWPPP REVIEW

The Village of Head of the Harbor, in order to fulfill its requirements under NYS Phase II regulations (New York State Pollutant Discharge Elimination System ("SPDES") General Permit for Stormwater Discharge from Municipal Separate Storm Sewer Systems (GP-0-08-002), requires all projects that involve the clearing of more than one acre of land, and whose project may cause discharge of storm water run-off into water bodies, drainage structures, water courses or may cause discharge of storm water run-off into areas that may eventually lead to water bodies, drainage structures, water courses to comply with permit requirements applicable to the work performed.

Procedure: Once it is determined that the proposed project meets or exceeds the one acre clearing threshold the applicant or authorized agent must:

- Provide the Village of Head of the Harbor with four (4) hard copies of a written Storm Water Management and Erosion Control Plan along with four (4) copies of a site plan clearly defining the measures to be taken to control run-off from the site during construction and post construction.
- ☐ The plan must follow the procedures as outlined in:

NEW YORK STATE

DEPARTMENT OF ENVIRONMENTAL CONSERVATION SPDES GENERAL PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITY PERMIT No. GP-0-10-001

Note: Permit No. GP-0-10-001 is available for review at the Village Hall in the Village of Head of the Harbor's Stormwater Management Plan The plan to include:

- A certification statement site workers will become familiar with the plan, have reviewed conditions of the plans approval and agree to comply with the plan as well as the terms and conditions of the New York State Pollutant Discharge Elimination Systems (SPDES) general permit.
- Background and/or description of the project.
- The soil conditions of the site and supporting soil borings.
- Existing storm water management, if any, on the site.
- Proposed storm water management to contain run-off on the site during construction and post construction.
- A schedule of construction activities.
- Special pollutants that may be associated with the project.
- Maintenance of Erosion Control during construction.
- Long term maintenance of post construction erosion control measures.
- Easement agreement to allow Village to periodically inspect the completed work.

The Village Building Inspector will distribute the plan for review to:
 Planning Board Joint Coastal Commission Village Engineer - who will assure that all requirements are included in the SWPPP.
All reviewers will provide comments to the Village Engineer who will cause the applicant or authorized agent to correct, modify and/or improve the plan.
The Planning Board shall have the final approval responsibility.
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When approved by the Planning Board, the MS4 Acceptance Form, signed by the Planning Board Chairman, and the NOI shall be forwarded to New York State Department of Environmental Control.
The New York State Department of Environmental Control will advise the applicant that the NOI is accepted and that acceptance shall be forwarded to the Village.
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The approved plan, NOI, MS4 Acceptance Form will be maintained in the Building Department file for the specific project and property.
The approved plan, NOI, MS4 Acceptance Form, will be provided to the applicant or authorized agent where it shall be maintained on-site. In addition inspection reports shall also be maintained on-site. Copies of the inspection reports are to be provided to the Building Inspector who shall maintain the reports in the Building Department file for the specific project and property.
Construction Phase:

- The Building Inspector shall be notified 48 hours in advance of the start of construction.
- The Building Inspector shall visit the site at least once a week to assure compliance with the SWPPP.

- The Building Inspector, if he so determines that the SWPPP is not being followed has the following enforcement tools at his disposal:
 - Notice of Violation A statement specifying the violation along with a time schedule to remedy the violation is issued.
 - Stop-Work Order A stop work order may be issued that will prevent construction from occurring pending the remedy of the violation.
 - Violation A summons may be issued for non-compliance.
- Penalties Violations are punishable by a fine not exceeding \$350.00 or imprisonment for a period not to exceed six months or both. The fine increases with subsequent violations or for non compliance.

■ Post Construction Controls:

- The operator of the stormwater discharge must submit a Notice of Termination (NOT) to the Village. It shall contain:
 - Applicant/Activity information
 - Site/Activity Information
 - Reason for Termination
 - Final Site Information. Permanent practices that were explained in the SWPPP are to be maintained by the operator. To assure compliance the operator and the Village shall enter into a Stormwater Control Facility Maintenance Agreement (as contained in Chapter 65 of the Village Code). This agreement, among other issues, is to assure that the operator maintains the improvements to assure optimum performance, to provide periodic inspections of the improvements, not less than once in five years, by a Professional Engineer, who shall approve and certify the improvements.
 - In the event the operator does not maintain the improvements, allows the Village to enter onto the property for such maintenance.

APPENDIX F Procedure for Construction Site Inspections and Enforcement of Erosion and Sediment Control Measures

VILLAGE OF HEAD OF THE HARBOR PROCEDURE FOR CONSTRUCTION SITE INSPECTIONS AND ENFORCEMENT OF EROSION AND SEDIMENT CONTROL MEASURES

The Village of Head of The Harbor, in order to fulfill its requirements under NYS Phase II regulations (New York State Pollutant Discharge Elimination System ("SPDES") General Permit for Stormwater Discharge from Municipal Separate Storm Sewer Systems (GP-0-08-002), provides for the following procedure for construction site inspections and enforcement of erosion and sediment control measures:

Projects under one (1) acre of clearing: Building Permit is reviewed by the Building Inspector and if the project involves any clearing a erosion and sediment control plan is required. The application and supporting material, including the erosion and sediment control plan is forwarded to the: Planning Board Joint Coastal Commission The erosion and sediment control plan is reviewed by the Village Engineer as well as the Joint Coastal Commission. A building permit is issued upon approval by the Planning Board. The approval includes the approval of the erosion and sediment control plan. The Building Inspector, during the course of his inspections reviews the erosion and sediment control measures. If there are any concerns he notifies the Village Engineer. Corrective measures and/or improvements are made to the erosion and sediment control measures. Upon completion of the project a final review is made and a Certificate of Occupancy is issued. Projects over one (1) acre of clearing: In addition to all of the above the following occurs: The applicant or agent for the applicant files a notice of Intent (NOI). The NOI is reviewed by the Village Engineer and when deemed acceptable it is presented to the planning Board for approval, as part of the overall approval process. The applicant retains a certified inspector to make the required inspection of the erosion and sediment control measures. A diary of his inspections are kept on site and copies are forwarded to the Building Inspector. Upon completion of the project and prior to the issuance of a Certificate of Occupancy, the property owner is required to file a SWPP Maintenance and Easement Agreement with the Village and recorded as a deed restriction.

VILLAGE OF HEAD OF THE HARBOR PROCEDURE FOR CONSTRUCTION SITE INSPECTIONS AND ENFORCEMENT OF EROSION AND SEDIMENT CONTROL MEASURES

The Village of Head of the Harbor, in order to fulfill its requirements under NYS Phase II regulations (New York State Pollutant Discharge Elimination System ("SPDES") General Permit for Stormwater Discharge from Municipal Separate Storm Sewer Systems (GP-0-08-002), provides for the following procedure for construction site inspections and enforcement of erosion and sediment control measures:

Projects under one (1) acre of clearing:

Building Permit is reviewed by the Building Inspector and if the project involves any clearing a erosion and sediment control plan is required. The application and supporting material, including the erosion and sediment control plan is forwarded to the: Planning Board Joint Coastal Commission The erosion and sediment control plan is reviewed by the Village Engineer as well as the Joint Coastal Commission. A building permit is issued upon approval by the Planning Board, The approval includes the approval of the erosion and sediment control plan. The Building Inspector, during the course of his inspections reviews the erosion and sediment control measures. If there are any concerns he notifies the Village Engineer. Corrective measures and/or improvements are made to the erosion and sediment control measures. Upon completion of the project a final review is made and a Certificate of Occupancy is issued. Projects over one (1) acre of clearing: In addition to all of the above the following occurs: The applicant or agent for the applicant files a notice of Intent (NOI). The NO1 is reviewed by the Village Engineer and when deemed acceptable it is presented to the planning Board for approval, as part of the overall approval process. The applicant retains a certified inspector to make the required inspection of the erosion and sediment control measures. A diary of his inspections are kept on site and copies are forwarded to the Building Inspector.

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striction.

APPENDIX G SPDES Construction Activity Permit, SPDES General Permit For Stormwater Discharges,

Contractor NOI Form

Acceptance Form

Notice of Termination Form



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SPDES GENERAL PERMIT FOR STORMWATER DISCHARGES

from

CONSTRUCTION ACTIVITY

Permit No. GP-0-08-001

Issued Pursuant to Article 17, Titles 7, 8 and Article 70 of the Environmental Conservation Law

Effective Date: May 1, 2008

Expiration Date: April 30, 2010

William R. Adriance Chief Permit Administrator Address: NYS DEC

Div. Environmental Permits 625 Broadway, 4th Floor Albany, N.Y. 12233-1750

Authorized Signature

Date

PREFACE

Pursuant to Section 402 of the Clean Water Act ("CWA"), stormwater discharges from certain construction activities are unlawful unless they are authorized by a NPDES (National Pollutant Discharge Elimination System) permit or by a state permit program. New York's SPDES (State Pollutant Discharge Elimination System) is a NPDES-approved program with permits issued in accordance with the Environmental Conservation Law ("ECL").

This general permit is issued pursuant to Article 17, Titles 7, 8 and Article 70 of the ECL. An owner or operator may obtain coverage under this general permit by submitting a Notice of Intent ("NOI") to the Department. Copies of this General Permit and the NOI for New York are available by calling (518) 402-8109 or at any Department of Environmental Conservation ("the Department") regional office (see Appendix G). They are also available on the Department's website at:

http://www.dec.ny.gov/

An owner or operator of a construction activity that is eligible for coverage under this general permit must obtain coverage prior to the commencement of construction activity. Activities that fit the definition of "construction activity", as defined under 40 CFR 122.26(b)(14)(x) and (15)(i), constitute construction of a point source and therefore, pursuant to Article 17-0505 of the ECL, the owner or operator must have coverage under a SPDES permit prior to commencing construction activity. They can not wait until there is an actual discharge from the construction site to obtain permit coverage.

*Note: The italicized words/phrases within this permit are defined in Appendix A.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION SPDES GENERAL PERMIT FOR STORMWATER DISCHARGES

FROM CONSTRUCTION ACTIVITIES

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Part I. PERMIT COVERAGE AND LIMITATIONS

- A. <u>Permit Application</u> This permit authorizes stormwater discharges to *surface waters* of the State from the following construction activities identified within 40 CFR Parts 122.26(b)(14)(x), 122.26(b)(15)(i) and 122.26(b)(15)(ii), provided all of the eligibility provisions of this permit are met:
 - 1. Construction activities involving soil disturbances of one (1) or more acres; including disturbances of less than one acre that are part of a larger common plan of development or sale that will ultimately disturb one or more acres of land; excluding routine maintenance activity that is performed to maintain the original line and grade, hydraulic capacity or original purpose of a facility;
 - 2. Construction activities involving soil disturbances of less than one (1) acre where the Department has determined that a SPDES permit is required for stormwater discharges based on the potential for contribution to a violation of a water quality standard or for significant contribution of pollutants to surface waters of the State.
 - 3. Construction activities located in the watershed(s) identified in Appendix D that involve soil disturbances between five thousand (5000) square feet and one (1) acre of land.
- **B.** Maintaining Water Quality It shall be a violation of this general permit and the Environmental Conservation Law ("ECL") for any discharge authorized by this general permit to either cause or contribute to a violation of water quality standards as contained in Parts 700 through 705 of Title 6 of the Official Compilation of Codes, Rules and Regulations of the State of New York including, but not limited to:
 - 1. There shall be no increase in turbidity that will cause a substantial visible contrast to natural conditions;
 - 2. There shall be no increase in suspended, colloidal and settleable solids that will cause deposition or impair the waters for their best usages; and
 - 3. There shall be no residue from oil and floating substances, nor visible oil film, nor globules of grease.

C. Eligibility Under This General Permit

1. This permit may authorize all discharges of stormwater from construction activity to surface waters and groundwaters except for ineligible discharges identified under subparagraph D. of this Part.

(Part I.C.)

- 2. Except for non-stormwater discharges explicitly listed in the next paragraph, this permit only authorizes stormwater discharges from construction activities.
- 3. Notwithstanding paragraphs C.1 and C.2 above, the following non-stormwater discharges may be authorized by this permit: discharges from fire fighting activities; fire hydrant flushings; waters to which cleansers or other components have not been added that are used to wash vehicles or control dust in accordance with the SWPPP, routine external building washdown which does not use detergents; pavement washwaters where spills or leaks of toxic or hazardous materials have not occurred (unless all spilled material has been removed) and where detergents are not used; air conditioning condensate; uncontaminated groundwater or spring water; uncontaminated discharges from construction site dewatering operations; and foundation or footing drains where flows are not contaminated with process materials such as solvents. For those entities required to obtain coverage under this general permit, and who discharge as noted in this paragraph, and with the exception of flows from fire fighting activities, these discharges must be identified in the SWPPP. Under all circumstances, the owner or operator must still comply with water quality standards in Part I.B.

D. <u>Activities Which Are Ineligible for Coverage Under This General Permit</u> - All of the following are <u>not</u> authorized by this permit;

- 1. Discharges after construction activities have been completed and the site has undergone final stabilization;
- 2. Discharges that are mixed with sources of non-stormwater other than those expressly authorized under subsection C.3. of this Part and identified in the SWPPP required by this permit;
- 3. Discharges that are subject to an existing individual SPDES permit or SPDES general permit or which are required to obtain an individual or general permit pursuant to Part VII, subparagraph K of this permit;
- 4. Discharges from construction activities that adversely affect a listed, or proposed to be listed, endangered or threatened species, or its critical habitat;
- 5. Discharges which are subject to an existing effluent (limitation) guideline addressing stormwater and/or process wastewater unless said guidelines are contained herein; or

(Part I.D.)

- 6. Discharges which either cause or contribute to a violation of water quality standards adopted pursuant to the ECL and its accompanying regulations.
- 7. Construction activities for residential, commercial and institutional projects that:
 - a. an owner or operator has not made any application, prior to January 8, 2008, for any governmental approvals required for the total project; and
 - b. are tributary to waters of the state classified as AA and AA-s; and
 - c. disturb one or more acres of land with no existing impervious cover and where the Soil Slope Phase is identified as an E or F on the USDA Soil Survey for the County in which the disturbance will occur.
- 8. Construction activities for residential, commercial and institutional projects that:
 - a. have not been authorized by or covered under a SPDES General Permit for Stormwater Discharges from Construction Activity by June 29, 2009; and
 - b. an owner or operator has made any application, prior to January 8, 2008, for any governmental approvals required for the total project; and
 - c. are tributary to waters of the state classified as AA or AA-s; and
 - d. disturb one or more acres of land with no existing impervious cover and where the Soil Slope Phase is identified as an E or F on the USDA Soil Survey for the County in which the disturbance will occur.
- 9. Construction activities for public roadway and linear utility projects that:
 - a. have not been authorized by or covered under a SPDES General Permit for Stormwater Discharges from Construction Activity by June 29, 2009;
 and
 - b. are tributary to waters of the state classified as AA or AA-s; and
 - c. disturb two or more acres of land with no existing impervious cover and where the Soil Slope Phase is identified as an E or F on the USDA Soil Survey for the County in which the disturbance will occur.

(Part I.D.)

10. Construction activities that adversely affect a property that is listed or is eligible for listing on the State or National Register of Historic Places.

Part II. OBTAINING PERMIT COVERAGE

A. Notice of Intent (NOI) Submittal

1. An owner or operator must first develop a Stormwater Pollution Prevention Plan (SWPPP) in accordance with all applicable requirements of this permit and then submit a completed Notice of Intent (NOI) form to the address below in order to be authorized to discharge under this general permit. The NOI form shall be one which is associated with this general permit, signed in accordance with Part VII.H. of this permit.

NOTICE OF INTENT NYS DEC, Bureau of Water Permits 625 Broadway, 4th Floor Albany, New York 12233-3505

- 2. An owner or operator of a construction activity that is subject to the requirements of a regulated, traditional land use control MS4 shall have their SWPPP reviewed and accepted by the MS4 prior to submitting the NOI to the Department. Beginning on September 30, 2008, the owner or operator shall have the "MS4 SWPPP Acceptance" form signed by the principal executive officer or ranking elected official from the regulated, traditional land use control MS4, or by a duly authorized representative of that person, and then submit that form along with the NOI to the address referenced under "Notice of Intent (NOI) Submittal". This requirement does not apply to an owner or operator that is obtaining permit coverage in accordance with the requirements in Part II.E. (Change of Owner or Operator).
- 3. The *owner or operator* shall have the SWPPP preparer sign the "SWPPP Preparer Certification" statement on the NOI prior to submitting the form to the Department.

B. Permit Authorization

1. An owner or operator shall not commence construction activity until their authorization to discharge under this permit goes into effect.

(Part II.B.)

- 2. Authorization to discharge under this permit will be effective when the *owner or operator* has satisfied <u>all</u> of the following criteria:
 - a. project review pursuant to the State Environmental Quality Review Act (SEQRA) have been satisfied, when SEQR is applicable,
 - b. where required, all necessary Department permits subject to the *Uniform Procedures Act (UPA)* (see 6 NYCRR Part 621) have been obtained, unless otherwise notified by the Department pursuant to 6 NYCRR 621.3(a)(4). Owners or operators of construction activities that are required to obtain *Uniform Procedures Act (UPA)* permits must submit a preliminary SWPPP to the appropriate DEC Regional Office in Appendix F at the time all other necessary UPA permit applications are submitted. The preliminary SWPPP must include sufficient information to demonstrate that the *construction activity* qualifies for authorization under this general permit,
 - c. the final SWPPP has been prepared, and
 - d. an NOI has been submitted to the Department in accordance with the requirements of this permit.
- 3. An owner or operator that has satisfied the requirements of Part II.B.2 above will be authorized to discharge stormwater from their construction activity in accordance with the following schedule:
 - a. For construction activities that are <u>not</u> subject to the requirements of a regulated, traditional land use control MS4:
 - i. Five (5) business days from the date the Department receives a complete NOI for construction activities with a SWPPP that has been prepared in conformance with the technical standards referenced in Parts III.B.1, 2 and/or 3, or
 - ii. Sixty (60) business days from the date the Department receives a complete NOI for construction activities with a SWPPP that has <u>not</u> been prepared in conformance with the technical standards referenced in Parts III.B.1, 2 or 3.

(Part II.B.3.)

- b. For construction activities that are subject to the requirements of a regulated, traditional land use control MS4:
 - i. Five (5) business days from the date the Department receives a complete NOI and signed "MS4 SWPPP Acceptance" form.
- 4. The Department may suspend or deny an owner's or operator's coverage under this permit if the Department determines that the SWPPP does not meet the permit requirements.
- 5. Coverage under this permit authorizes stormwater discharges from only those areas of disturbance that are identified in the NOI. If an *owner or operator* wishes to have stormwater discharges from future areas of disturbance authorized, they must submit a new NOI that addresses that phase of the development, unless otherwise notified by the Department.

C. General Requirements For Owners or Operators With Permit Coverage

- 1. The owner or operator shall ensure that the provisions of the SWPPP are implemented from the commencement of construction activity until all areas of disturbance have achieved *final stabilization* and the Notice of Termination (NOT) has been submitted to the address referenced in Part II.A.1.
- 2. The owner or operator shall maintain a copy of the General Permit (GP-0-08-001), NOI, NOI Acknowledgment Letter, SWPPP, MS4 SWPPP Acceptance form and inspection reports at the construction site until all disturbed areas have achieved final stabilization and the Notice of Termination has been submitted to the Department. The documents must be maintained in a secure location, such as a job trailer, on-site construction office, or mailbox with lock; that is accessible during normal working hours to an individual performing a compliance inspection.
- 3. The owner or operator of a construction activity shall not disturb greater than five (5) acres of soil at any one time without prior written authorization from the Department or, in areas under the jurisdiction of a regulated, traditional land use control MS4, the MS4 (provided the MS4 is not the owner or operator of the construction activity). At a minimum, the owner or operator must comply with the following requirements in order to be authorized to disturb greater than five (5) acres of soil at any one time:
 - a. The owner or operator shall have a qualified inspector conduct at least two (2) site inspections in accordance with Part IV.B. every seven (7) calendar days, for as long as greater than five (5) acres of soil remain

(Part II.C.3.a.)

disturbed. When performing just two (2) inspections every seven (7) calendar days, the inspections shall be separated by a minimum of two (2) full calendar days.

- b. In areas where soil disturbance activity has been temporarily or permanently ceased, temporary and/or permanent soil stabilization measures shall be installed and/or implemented within seven (7) days from the date the soil disturbance activity ceased. The soil stabilization measures selected shall be in conformance with the most current version of the technical standard, New York Standards and Specifications for Erosion and Sediment Control.
- c. The owner or operator shall prepare a phasing plan that defines maximum disturbed area per phase and shows required cuts and fills.
- d. The *owner or operator* shall install any additional site specific practices needed to protect water quality.
- e. The *owner or operator* shall include the requirements above in their SWPPP.
- 4. The Department may suspend or revoke an owner's or operator's coverage under this permit at any time if the Department determines that the SWPPP does not meet the permit requirements.

D. Permit Coverage for Discharges Authorized Under GP-02-01

1. Upon renewal of SPDES General Permit for Stormwater Discharges from Construction Activity (Permit No. GP-02-01), an owner or operator of a construction activity with coverage under GP-02-01, as of the effective date of GP-0-08-001, shall be permitted to discharge in accordance with GP-0-08-001 unless otherwise notified by the Department.

E. Change of Owner or Operator

1. When property ownership changes or when there is a change in operational control over the construction plans and specifications, the original owner or operator must notify the new owner or operator, in writing, of the requirement to obtain permit coverage by submitting a NOI with the Department. Once the new owner or operator obtains permit coverage, the original owner or operator shall then submit a completed Notice of Termination (NOT) with the name and permit identification number of the new owner or operator to the Department at the

(Part II.E.1.)

address in Part II.A.1.. If the original owner or operator maintains ownership of a portion of the construction activity and will disturb soil, they must maintain their coverage under the general permit. Permit coverage for the new owner or operator will be effective as of the date the Department receives a complete NOI, provided the original owner or operator was not subject to a sixty (60) business day authorization period that has not expired as of the date the Department receives the NOI from the new owner or operator.

Part III. STORMWATER POLLUTION PREVENTION PLAN (SWPPP)

A. General SWPPP Requirements

- 1. The SWPPP shall be prepared prior to the submittal of the NOI. The NOI shall be submitted to the Department prior to the commencement of construction activity.
- 2. The SWPPP shall describe the erosion and sediment control practices and where required, post-construction stormwater management practices that will be used and/or constructed to reduce the pollutants in stormwater discharges and to assure compliance with the terms and conditions of this permit. In addition, the SWPPP shall identify potential sources of pollution which may reasonably be expected to affect the quality of stormwater discharges.
- 3. All SWPPPs that require the post-construction stormwater management practice component shall be prepared by a *qualified professional* that is knowledgeable in the principles and practices of stormwater management and treatment.
- 4. The owner or operator must keep the SWPPP current so that it at all times accurately documents the erosion and sediment controls practices that are being used or will be used during construction, and all post-construction stormwater management practices that will be constructed on the site.
- 5. Prior to the commencement of construction activity, the owner or operator must identify the contractor(s) and subcontractor(s) that will be responsible for installing, constructing, repairing, inspecting and maintaining the erosion and sediment control practices included in the SWPPP; and the contractor(s) and subcontractor(s) that will be responsible for the construction of all post-construction stormwater management practices included in the SWPPP. The owner or operator shall have each of these contractors and subcontractors identify at least one trained individual from their company that will be responsible for implementation of the SWPPP. The owner or operator shall ensure that at least one trained individual is on site on a daily basis when soil disturbance activities are being performed.

(Part III.A.5.)

The owner or operator shall have each of these contractors and subcontractors identified above sign a copy of the following certification statement below before they commence any construction activity:

"I hereby certify that I understand and agree to comply with the terms and conditions of the SWPPP and agree to implement any corrective actions identified by the qualified inspector during a site inspection. I also understand that the *owner or operator* must comply with the terms and conditions of the New York State Pollutant Discharge Elimination System ("SPDES") general permit for stormwater discharges from construction activities and that it is unlawful for any person to cause or contribute to a violation of water quality standards. Furthermore, I understand that certifying false, incorrect or inaccurate information is a violation of the referenced permit and the laws of the State of New York and could subject me to criminal, civil and/or administrative proceedings."

In addition to providing the certification statement above, the certification page must also identify the specific elements of the SWPPP that each contractor and subcontractor will be responsible for and include the name and title of the person providing the signature; the name and title of the trained individual(s) responsible for SWPPP implementation; the name, address and telephone number of the contracting firm; the address (or other identifying description) of the site; and the date the certification statement is signed. The owner or operator shall attach the certification statement(s) to the copy of the SWPPP that is maintained at the construction site. If new or additional contractors are hired to implement measures identified in the SWPPP after construction has commenced, they must also sign the certification statement and provide the information listed above.

- 6. The Department may notify the owner or operator at any time that the SWPPP does not meet one or more of the minimum requirements of this permit. The notification shall be in writing and identify the provisions of the SWPPP that require modification. Within fourteen (14) calendar days of such notification, (or as otherwise indicated by the Department) the owner or operator shall make the required changes to the SWPPP and submit written notification to the Department that the changes have been made. If the owner or operator does not respond to the Department's comments in the specified time frame, the Department may suspend the owner's or operator's coverage under this permit.
- 7. For projects where the Department requests a copy of the SWPPP, the owner or operator shall submit the SWPPP in both electronic (PDF only) and paper format within five (5) business days, unless otherwise notified by the Department.

(Part III.A.)

- 8. The SWPPP must include documentation supporting the determination of permit eligibility with regard to Part I.D.10. (Historic Places). At a minimum, the supporting documentation shall include the following:
 - a. Information on whether the stormwater discharge or *construction* activities would have an effect on a property that is listed or eligible for listing on the State or National Register of Historic Places;
 - b. Results of historic places screening determinations conducted. Information regarding the location of places listed, or eligible for listing, on the State or National Register of Historic Places should be obtained by consulting with the New York State Historic Preservation Office, NYS Office of Parks, Recreation and Historic Preservation (OPRHP), Peebles Island Resources Center, P.O. Box 189, Waterford, NY 12188-0189, phone: (518) 237-8643, or using the GIS online resources available at: http://nysparks.state.ny.us/shpo/;
 - c. A description of measures necessary to avoid or minimize adverse impacts on places listed, or eligible for listing, on the State or National Register of Historic Places. If the *owner or operator* fails to describe and implement such measures, the stormwater discharge is ineligible for coverage under this permit; and
 - d. Where effects may occur, any written agreements that the *owner or operator* has made with the OPRHP or other governmental agency to mitigate those effects, or local land use approvals evidencing the same.

B. Required SWPPP Contents

- 1. Erosion and sediment control component All SWPPPs prepared pursuant to this general permit shall include erosion and sediment control practices designed in conformance with the most current version of the technical standard, New York Standards and Specifications for Erosion and Sediment Control. Where erosion and sediment control practices are not designed in conformance with this technical standard, the *owner or operator* must demonstrate equivalence to the technical standard. At a minimum, the erosion and sediment control component of the SWPPP shall include the following:
 - a. Background information about the scope of the project, including the location, type and size of project;

(Part III.B.1.)

- b. A 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 different soil types with boundaries; material, waste, borrow or equipment storage areas located on adjacent properties; and location(s) of the stormwater discharge(s);
- c. A description of the soil(s) present at the site, including an identification of the Hydrologic Soil Group (HSG);
- d. A construction phasing plan and sequence of operations describing the intended order 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;
- e. A description of the minimum erosion and sediment control practices to be installed or implemented for each construction activity that will result in soil disturbance. Include a schedule that identifies the timing of initial placement or implementation of each erosion and sediment control practice and the minimum time frames that each practice should remain in place or be implemented;
- f. A temporary and permanent soil stabilization plan that meets the requirements of the most current version of the technical standard, New York Standards and Specifications for Erosion and Sediment Control, for each stage of the project, including initial land clearing and grubbing to project completion and achievement of final stabilization;
- g. A site map/construction drawing(s) showing the specific location(s), size(s), and length(s) of each erosion and sediment control practice;
- h. The dimensions, material specifications, installation details, and operation and maintenance requirements for all erosion and sediment control practices. Include the location and sizing of any temporary sediment basins and structural practices that will be used to divert flows from exposed soils;
- i. An inspection schedule for the *owner or operator*, or the contractor(s) or subcontractor(s) identified in Part III.A.5., to ensure continuous and effective operation of the erosion and sediment control practices. The inspection schedule shall be in accordance with the requirements in the most

(Part III.B.1.i.)

- current version of the technical standard, New York Standards and Specifications for Erosion and Sediment Control;
- j. A description of the pollution prevention measures that will be used to control litter, construction chemicals and construction debris from becoming a pollutant source in the storm water discharges;
- k. A description and location of any stormwater discharges associated with industrial activity other than construction at the site, including, but not limited to, stormwater discharges from asphalt plants and concrete plants located on the construction site; and
- 1. Identification of any elements of the design that are not in conformance with the technical standard, New York Standards and Specifications for Erosion and Sediment Control. Include the reason for the deviation or alternative design and provide information which demonstrates that the deviation or alternative design is equivalent to the technical standards.
- 2. Post-construction stormwater management practice component All construction projects identified in Table 2 of Appendix B as needing post-construction stormwater management practices shall prepare a SWPPP that also includes practices designed in conformance with the most current version of the technical standard, New York State Stormwater Management Design Manual ("Design Manual"). Where post-construction stormwater management practices are not designed in conformance with this technical standard, the *owner or operator* must demonstrate equivalence to the technical standard. At a minimum, the post-construction stormwater management practice component of the SWPPP shall include the following:
 - a. Identification of all post-construction stormwater management practices to be constructed as part of the project;
 - b. A site map/construction drawing(s) showing the specific location and size of each post-construction stormwater management practice;
 - c. The dimensions, material specifications and installation details for each post-construction stormwater management practice;
 - d. Identification of any elements of the design that are not in conformance with the Design Manual. Include the reason for the deviation or alternative design and provide information which demonstrates that the deviation or alternative design is equivalent to the technical standards;

(Part III.B.2.)

- e. A hydrologic and hydraulic analysis for all structural components of the stormwater management control system;
- f. A detailed summary (including calculations) of the sizing criteria that was used to design all post-construction stormwater management practices. At a minimum, the summary shall address the required design criteria from the applicable chapter of the Design Manual; including the identification of and justification for any deviations from the Design Manual, and identification of any design criteria that are not required based on the redevelopment criteria or waiver criteria included in the Design Manual; and
- g. An operations and maintenance plan that includes inspection and maintenance schedules and actions to ensure continuous and effective operation of each post-construction stormwater management practice. The plan shall identify the entity that will be responsible for the long term operation and maintenance of each practice.
- 3. Enhanced Phosphorus Removal Standards Beginning on September 30, 2008, all construction projects identified in Table 2 of Appendix B that are located in the watersheds identified in Appendix C shall prepare a SWPPP that includes post-construction stormwater management practices designed in conformance with the Enhanced Phosphorus Removal Standards included in the most current version of the technical standard, New York State Stormwater Management Design Manual. At a minimum, the post-construction stormwater management practice component of the SWPPP shall include items 2.a 2.g. above.
- C. Required SWPPP Components by Project Type Unless otherwise notified by the Department, owners or operators of construction activities identified in Table 1 of Appendix B are required to prepare a SWPPP that only includes erosion and sediment control practices designed in conformance with Part III.B.1. Owners or operators of the construction activities identified in Table 2 of Appendix B shall prepare a SWPPP that also includes post-construction stormwater management practices designed in conformance with Part III.B.2 or 3.

Part IV. INSPECTION AND MAINTENANCE REQUIREMENTS

A. General Construction Site Inspection and Maintenance Requirements

1. The *owner or operator* must ensure that all erosion and sediment control practices identified in the SWPPP are maintained in effective operating condition at all times.

(Part IV.A.)

2. The terms of this permit shall not be construed to prohibit the State of New York from exercising any authority pursuant to the Environmental Conservation Law, common law or federal law, or prohibit New York State from taking any measures, whether civil or criminal, to prevent violations of the laws of the State of New York, or protect the public health and safety and/or the environment.

B. Owner or Operator Inspection Requirements

- 1. An owner or operator shall, in accordance with the requirements in the most current version of the technical standard, New York Standards and Specifications for Erosion and Sediment Control, inspect the erosion and sediment controls identified in the SWPPP to ensure that they are being maintained in effective operating condition at all times.
- 2. For construction sites where soil disturbance activities have been temporarily suspended (e.g. winter shutdown) and temporary stabilization measures have been applied to all disturbed areas, the *owner or operator* can stop conducting inspections. The *owner or operator* shall begin conducting inspections in accordance with Part IV.B.1. as soon as soil disturbance activities resume.
- 3. For construction sites where soil disturbance activities have been shut down with partial project completion, the *owner or operator* can stop conducting inspections if all areas disturbed as of the project shutdown date have achieved *final stabilization* and all post-construction stormwater management practices required for the completed portion of the project have been constructed in conformance with the SWPPP and are operational.

C. Qualified Inspector Inspection Requirements

- 1. An owner or operator of the following construction activities shall have a qualified inspector conduct site inspections in conformance with the requirements of Part IV.C. below:
 - a. All construction activities identified in Table 1 and 2 of Appendix B, with the exception of:
 - (i) the construction of a single family residential subdivision with 25% or less impervious cover at total site build-out and the construction of a single family home that involve soil disturbances of one (1) or more acres of land but less than five (5) acres and are not located in one of the watersheds listed in Appendix C and not directly discharging to one of the 303(d) segments listed in Appendix E;

(Part IV.C.1.a.)

- (ii) construction on agricultural property that involves a soil disturbance of one (1) or more acres of land but less than five (5) acres; and
- (iii) construction activities located in the watersheds identified in Appendix D that involve soil disturbances between five thousand (5000) square feet and one (1) acre of land.
- 2. Unless otherwise notified by the Department, the *owner or operator* shall have a *qualified inspector* conduct site inspections in accordance with the following timetable:
 - a. For construction sites where soil disturbance activities are on going, the *qualified inspector* shall conduct a site inspection at least once every seven (7) calendar days.
 - b. For construction sites where soil disturbance activities are on going and the owner or operator has received authorization in accordance with Part II.C.3 to disturb greater than five (5) acres of soil at any one time, the qualified inspector shall conduct at least two (2) site inspections every seven (7) calendar days. When performing just two (2) inspections every seven (7) calendar days, the inspections shall be separated by a minimum of two (2) full calendar days.
 - c. For construction sites where soil disturbance activities have been temporarily suspended (e.g. winter shutdown) and temporary stabilization measures have been applied to all disturbed areas, the *qualified inspector* shall conduct a site inspection at least once every thirty (30) calendar days. The *owner or operator* shall notify the Regional Office stormwater contact person (see contact information in Appendix F) in writing prior to reducing the frequency of inspections.
 - d. For construction sites where soil disturbance activities have been shut down with partial project completion, the qualified inspector can stop conducting inspections if all areas disturbed as of the project shutdown date have achieved final stabilization and all post-construction stormwater management practices required for the completed portion of the project have been constructed in conformance with the SWPPP and are operational. The owner or operator shall notify the Regional Office stormwater contact person (see contact information in Appendix F) in writing prior to the shutdown. If soil disturbance activities are not resumed within 2 years from the date of shutdown, the owner or operator shall have the qualified inspector(s) perform a final inspection and certify that all disturbed areas

(Part IV.C.2.d.)

have achieved *final stabilization*, and all temporary, structural erosion and sediment control measures have been removed; and that all post-construction stormwater management practices have been constructed in conformance with the SWPPP by signing the "Final Stabilization" and "Post-Construction Stormwater Management Practice" certification statements on the Notice of Termination (NOT). The *owner or operator* shall then submit the completed NOT form to the address in Part II.A.1..

- 3. At a minimum, the *qualified inspector* shall inspect all erosion and sediment control practices to ensure integrity and effectiveness, all post-construction stormwater management practices under construction to ensure that they are constructed in conformance with the SWPPP, all areas of disturbance that have not achieved *final stabilization*, and all points of discharge from the construction site.
- 4. The *qualified inspector* shall prepare an inspection report subsequent to each and every inspection. At a minimum, the inspection report shall include and/or address the following:
 - a. Date and time of inspection;
 - b. Name and title of person(s) performing inspection;
 - c. A description of the weather and soil conditions (e.g. dry, wet, saturated) at the time of the inspection;
 - d. A description of the condition of the runoff at all points of discharge from the construction site. This shall include identification of any discharges of sediment from the construction site. Include discharges from conveyance systems (i.e. pipes, culverts, ditches, etc.) and overland flow;
 - e. Identification of all erosion and sediment control practices that need repair or maintenance;
 - f. Identification of all erosion and sediment control practices that were not installed properly or are not functioning as designed and need to be reinstalled or replaced;
 - g. Description and sketch of areas that are disturbed at the time of the inspection and areas that have been stabilized (temporary and/or final) since the last inspection;

(Part IV.C.4.)

- h. Current phase of construction of all post-construction stormwater management practices and identification of all construction that is not in conformance with the SWPPP and technical standards; and
- i. Corrective action(s) that must be taken to install, repair, replace or maintain erosion and sediment control practices; and to correct deficiencies identified with the construction of the post-construction stormwater management practice(s).
- 5. Within one business day of the completion of an inspection, the *qualified* inspector shall notify the owner or operator and appropriate contractor (or subcontractor) identified in Part III.A.5. of any corrective actions that need to be taken. The contractor (or subcontractor) shall begin implementing the corrective actions within one business day of this notification and shall complete the corrective actions in a reasonable time frame.
- 6. All inspection reports shall be signed by the *qualified inspector*. Pursuant to Part II.C.2., the inspection reports shall be maintained on site with the SWPPP.

Part V. TERMINATION OF PERMIT COVERAGE

A. Termination of Permit Coverage

- 1. An owner or operator that is eligible to terminate coverage under this permit must submit a completed Notice of Termination (NOT) form to the address in Part II.A.1. The NOT form shall be one which is associated with this general permit, signed in accordance with Part VII.H.
- 2. An *owner or operator* may terminate coverage when one or more the following conditions have been met:
 - a. Total project completion All construction activity identified in the SWPPP has been completed; <u>and</u> all areas of disturbance have achieved *final stabilization*; <u>and</u> all temporary, structural erosion and sediment control measures have been removed; <u>and</u> all post-construction stormwater management practices have been constructed in conformance with the SWPPP and are operational;
 - b. Planned shutdown with partial project completion All soil disturbance activities have ceased; <u>and</u> all areas disturbed as of the project shutdown date have achieved *final stabilization*; <u>and</u> all temporary, structural erosion and sediment control measures have been removed; <u>and</u> all post-construction stormwater management practices required for the completed

(Part V.A.2.b.)

portion of the project have been constructed in conformance with the SWPPP and are operational;

- c. A new *owner or operator* has obtained coverage under this permit in accordance with Part II.E..
- 3. For construction activities meeting subdivision 2a, or 2b, of this Part, the owner or operator shall have the qualified inspector perform a final site inspection prior to submitting the NOT. The qualified inspector shall certify that all disturbed areas have achieved final stabilization; and all temporary, structural erosion and sediment control measures have been removed; and that all post-construction stormwater management practices have been constructed in conformance with the SWPPP by signing the "Final Stabilization" and "Post-Construction Stormwater Management Practice" certification statements on the NOT.
- 4. For construction activities meeting subdivision 2a. of this Part, the owner or operator must, prior to submitting the Notice of Termination, ensure one of the following:
 - a. the post-construction stormwater management practice(s) and any right-of-way(s) needed to maintain such practice(s) have been deeded to the municipality in which the practice(s) is located,
 - b. an executed maintenance agreement is in place with the municipality that will maintain the post-construction stormwater management practice(s),
 - c. for post-construction stormwater management practices that are privately owned, the *owner or operator* has a deed restriction in place that requires operation and maintenance of the practice(s) in accordance with the operation and maintenance plan,
 - d. for post-construction stormwater management practices that are owned by a public or private institution (e.g. school, college, university), or government agency or authority, the *owner or operator* has policy and procedures in place that ensures operation and maintenance of the practices in accordance with the operation and maintenance plan.

Part VI. REPORTING AND RETENTION OF RECORDS

A. The owner or operator shall retain a copy of the NOI, NOI Acknowledgment Letter, SWPPP, MS4 SWPPP Acceptance form and any inspection reports that were prepared in conjunction with this permit for a period of at least five (5) years from the date that the site achieves final stabilization. This period may be extended by the Department, in its sole

(Part VI.A.)

discretion, at any time upon written notification.

B. Addresses - With the exception of the NOI, NOT, and MS4 SWPPP Acceptance form (which must be submitted to the address referenced in Part II.A.1), all written correspondence requested by the Department, including individual permit applications, shall be sent to the address of the appropriate DEC Regional Office listed in Appendix F.

Part VII. STANDARD PERMIT CONDITIONS

- A. <u>Duty to Comply</u> The owner or operator must comply with all conditions of this permit. All contractors and subcontractors associated with the project must comply with the terms of the SWPPP. Any permit non-compliance constitutes a violation of the Clean Water Act (CWA) and the ECL and is grounds for an enforcement action against the owner or operator and/or the contractor/subcontractor; permit revocation or modification; or denial of a permit renewal application. Upon a finding of significant non-compliance with this permit or the applicable SWPPP, the Department may order an immediate stop to all construction activity at the site until the non-compliance is remedied. The stop work order shall be in writing, shall describe the non-compliance in detail, and shall be sent to the owner or operator or the owner's or operator's on-site representative.
- B. Continuation of the Expired General Permit This permit expires two (2) years from the effective date. However, coverage may be obtained under the expired general permit, which will continue in force and effect, until a new general permit is issued. After issuance of a new general permit, those with coverage under GP-0-08-001 will have six (6) months from the effective date of the new general permit to complete their project or obtain coverage under the new permit. Unless otherwise notified by the Department in writing, an owner or operator authorization under the new general permit must submit a new NOI in accordance with the terms of such new general permit.
- C. <u>Enforcement</u> Failure of the *owner or operator*, its contractors, subcontractors, agents and/or assigns to strictly adhere to any of the permit requirements contained herein shall constitute a permit violation. There are substantial criminal, civil, and administrative penalties associated with violating the provisions of this permit. Fines of up to \$37,500 per day for each violation and imprisonment for up to fifteen (15) years may be assessed depending upon the nature and degree of the offense.
- **D.** Need to Halt or Reduce Activity Not a Defense It shall not be a defense for an owner or operator in an enforcement action that it would have been necessary to halt or reduce the construction activity in order to maintain compliance with the conditions of this permit.
- E. <u>Duty to Mitigate</u> The *owner or operator* and its contractors and subcontractors shall take all reasonable steps to minimize or prevent any discharge in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment.

(Part VII.)

- F. <u>Duty to Provide Information</u> The owner or operator shall make available to the Department for inspection and copying or furnish to the Department within five (5) business days of receipt of a Department request for such information, any information requested for the purpose of determining compliance with this general permit. This can include, but is not limited to, the NOI, NOI Acknowledgment Letter, SWPPP, MS4 SWPPP Acceptance form, executed maintenance agreement, and inspection reports. Failure to provide information requested by the Department shall be a violation of this permit.
- G. Other Information When the owner or operator becomes aware that they failed to submit any relevant facts, or submitted incorrect information in the NOI or in any other report, or have made substantive revisions to the SWPPP (e.g. the scope of the project changes significantly, the type of post-construction stormwater management practice(s) changes, there is a reduction in the sizing of the post-construction stormwater management practice, or there is an increase in the disturbance area or impervious area) which were not reflected in the original NOI submitted to the Department, they shall promptly submit such facts or information. Failure of the owner or operator to correct or supplement any relevant facts within five (5) business days of becoming aware of the deficiency shall constitute a permit violation.

H. Signatory Requirements

- 1. All NOIs and NOTs shall be signed as follows:
 - a. For a corporation these forms shall be signed by a responsible corporate officer. For the purpose of this section, a responsible corporate officer means:
 - (i) a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation; or
 - (ii) the manager of one or more manufacturing, production or operating facilities, provided the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures;
 - b. For a partnership or sole proprietorship these forms shall be signed by a general partner or the proprietor, respectively; or

(Part VII.H.1.)

- c. For a municipality, State, Federal, or other public agency these forms shall be signed by either a principal executive officer or ranking elected official. For purposes of this section, a principal executive officer of a Federal agency includes:
 - (i) the chief executive officer of the agency, or
 - (ii) a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., Regional Administrators of EPA).
- 2. The SWPPP and other information requested by the Department shall be signed by a person described above or by a duly authorized representative of that person. A person is a duly authorized representative only if:
 - a. The authorization is made in writing by a person described above:
 - b. The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity, such as the position of plant manager, operator of a well or a well field, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters for the company. (A duly authorized representative may thus be either a named individual or any individual occupying a named position) and,
 - c. The written authorization is attached to the SWPPP.
- 3. All inspection reports shall be signed by the *qualified inspector* that performs the inspection.
- 4. The MS4 SWPPP Acceptance form shall be signed by the principal executive officer or ranking elected official from the *regulated*, *traditional land use control MS4*, or by a duly authorized representative of that person.

Under Part VII. H. (Signatory Requirements), it shall constitute a permit violation if an incorrect and/or improper signatory authorizes any required forms, SWPPP and/or inspection reports.

I. <u>Property Rights</u> - The issuance of this permit does not convey any property rights of any sort, nor any exclusive privileges, nor does it authorize any injury to private property nor any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations. *Owners or operators* must obtain any applicable conveyances, easements, licenses and/or access to real property prior to *commencing construction activity*.

(Part VII.)

J. <u>Severability</u> - The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.

K. Denial of Coverage Under This Permit

- 1. At its sole discretion, the Department may require any owner or operator authorized by this permit to apply for and/or obtain either an individual SPDES permit or an alternative SPDES general permit. When the Department requires any discharger authorized by a general permit to apply for an individual SPDES permit, it shall notify the discharger in writing that a permit application is required. This notice shall include a brief statement of the reasons for this decision, an application form, a statement setting a time frame for the owner or operator to file the application for an individual SPDES permit, and a deadline, not sooner than 180 days from permittee's receipt of the notification letter, whereby the authorization to discharge under this general permit shall be terminated. Applications must be submitted to the appropriate Regional Office. The Department may grant additional time upon demonstration, to the satisfaction of the Regional Water Engineer, that additional time to apply for an alternative authorization is necessary or where the Department has not provided a permit determination in accordance with Part 621 of this Title.
- 2. Any owner or operator authorized by this permit may request to be excluded from the coverage under this permit by applying for an individual permit or an alternative general permit. In such cases, the owner or operator shall submit an individual application or an alternative general permit application in accordance with the requirements of this general permit,40 CFR 122.26(c)(1)(ii) and 6 NYCRR Part 621, with reasons supporting the request, to the Department at the address for the appropriate Department Office (see addresses in Appendix F). The request may be granted by issuance of an individual permit or an alternative general permit at the discretion of the Department.
- 3. When an individual SPDES permit is issued to a discharge authorized to discharge under a general SPDES permit for the same discharge(s), the general permit authorization for outfalls authorized under the individual SPDES permit is automatically terminated on the effective date of the individual permit unless termination is earlier in accordance with 6 NYCRR Part 750.
- L. <u>Proper Operation and Maintenance</u> The owner or operator 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 owner or operator to achieve compliance with the conditions of this permit and with the requirements of the SWPPP.

(Part VII.)

- M. <u>Inspection and Entry</u> The owner or operator shall allow the Department or an authorized representative of EPA, the State, or, in the case of a construction site which discharges through an MS4, an authorized representative of the MS4 receiving the discharge, upon the presentation of credentials and other documents as may be required by law, to:
 - 1. Enter upon the *owner's or operator's* premises where a regulated facility or activity is located or conducted or where records must be kept under the conditions of this permit;
 - 2. Have access to and copy at reasonable times, any records that must be kept under the conditions of this permit; and
 - 3. Inspect at reasonable times any facilities or equipment (including monitoring and control equipment).
- N. <u>Permit Actions</u> At the Department's sole discretion, this permit may, at any time, be modified, revoked, or renewed. The filing of a request by the *owner or operator* for a permit modification, revocation and reissuance, termination, a notification of planned changes or anticipated noncompliance does not limit, diminish and/or stay compliance with any terms of this permit.
- O. <u>Definitions</u> Definitions of key terms are included in Appendix A of this permit.

P. Re-Opener Clause

- 1. If there is evidence indicating potential or realized impacts on water quality due to any stormwater discharge associated with *construction activity* covered by this permit, the *owner or operator* of such discharge may be required to obtain an individual permit or alternative general permit in accordance with Part VII.K. of this permit or the permit may be modified to include different limitations and/or requirements.
- 2. Permit modification or revocation will be conducted in accordance with 6 NYCRR Part 621 and 6 NYCRR 750-1.18.

APPENDIX A

Definitions

Alter Hydrology from Pre to Post-Development Conditions - means the post-development peak flow rate(s) has increased by more than 5% of the pre-developed condition for the design storm of interest (e.g. 10 yr and 100 yr).

Combined Sewer - means a sewer that is designed to collect and convey both "sewage" and "stormwater".

Commence (Commencement of) Construction Activities - means the initial disturbance of soils associated with clearing, grading or excavation activities; or other construction related activities that disturb or expose soils such as demolition, stockpiling of fill material, and the initial installation of erosion and sediment control practices required in the SWPPP. See definition for "Construction Activity(ies)" also.

Construction Activity(ies) - means any clearing, grading, excavation, filling, demolition or stockpiling activities that result in soil disturbance. Clearing activities can include, but are not limited to, logging equipment operation, the cutting and skidding of trees, stump removal and/or brush root removal. Construction activity does not include routine maintenance that is performed to maintain the original line and grade, hydraulic capacity, or original purpose of a facility.

Direct Discharge (to a specific surface waterbody) - means that runoff flows from a construction site by overland flow and the first point of discharge is the specific surface waterbody, or runoff flows from a construction site to a separate storm sewer system and the first point of discharge from the separate storm sewer system is the specific surface waterbody.

Discharge(s) - means any addition of any pollutant to waters of the State through an outlet or point source.

Environmental Conservation Law (ECL) - means chapter 43-B of the Consolidated Laws of the State of New York, entitled the Environmental Conservation Law.

Final Stabilization - means that all soil disturbance activities have ceased and a uniform, perennial vegetative cover with a density of eighty (80) percent over the entire pervious surface has been established; or other equivalent stabilization measures, such as permanent landscape mulches, rock rip-rap or washed/crushed stone have been applied on all disturbed areas that are not covered by permanent structures, concrete or pavement.

General SPDES permit - means a SPDES permit issued pursuant to 6 NYCRR Part 750-1.21 authorizing a category of discharges.

Groundwater - means waters in the saturated zone. The saturated zone is a subsurface zone in

which all the interstices are filled with water under pressure greater than that of the atmosphere. Although the zone may contain gas-filled interstices or interstices filled with fluids other than water, it is still considered saturated.

Impervious Area (Cover) - means all impermeable surfaces that can not effectively infiltrate rainfall. This includes paved, concrete and gravel surfaces (i.e. parking lots, driveways, roads, runways and sidewalks); building rooftops and miscellaneous impermeable structures such as patios, pools, and sheds.

Larger Common Plan of Development or Sale - means a contiguous area where multiple separate and distinct construction activities are occurring, or will occur, under one plan. The term "plan" in "larger common plan of development or sale" is broadly defined as any announcement or piece of documentation (including a sign, public notice or hearing, marketing plan, advertisement, drawing, permit application, State Environmental Quality Review Act (SEQRA) application, zoning request, computer design, etc.) or physical demarcation (including boundary signs, lot stakes, surveyor markings, etc.) indicating that construction activities may occur on a specific plot.

For discrete construction projects that are located within a larger common plan of development or sale that are at least 1/4 mile apart, each project can be treated as a separate plan of development or sale provided any interconnecting road, pipeline or utility project that is part of the same "common plan" is not concurrently being disturbed.

Municipal Separate Storm Sewer (MS4) - a conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels, or storm drains):

- (i) Owned or operated by a State, city, town, borough, county, parish, district, association, or other public body (created by or pursuant to State law) having jurisdiction over disposal of sewage, industrial wastes, stormwater, or other wastes, including special districts under State law such as a sewer district, flood control district or drainage district, or similar entity, or an Indian tribe or an authorized Indian tribal organization, or a designated and approved management agency under section 208 of the CWA that discharges to surface waters of the State;
- (ii) Designed or used for collecting or conveying stormwater;
- (iii) Which is not a combined sewer; and
- (iv) Which is not part of a Publicly Owned Treatment Works (POTW) as defined at 40 CFR 122.2.

National Pollutant Discharge Elimination System (NPDES) - means the national system for the issuance of wastewater and stormwater permits under the Federal Water Pollution Control Act (Clean Water Act).

NOI Acknowledgment Letter - means the letter that the Department sends to an owner or operator to acknowledge the Department's receipt and acceptance of a complete Notice of Intent. This letter documents the owner's or operator's authorization to discharge in accordance with the general permit for stormwater discharges from construction activity.

Owner or Operator - means the person, persons or legal entity which owns or leases the property on which the construction activity is occurring; and/or an entity that has operational control over the construction plans and specifications, including the ability to make modifications to the plans and specifications.

Pollutant - means dredged spoil, filter backwash, solid waste, incinerator residue, sewage, garbage, sewage sludge, munitions, chemical wastes, biological materials, radioactive materials, heat, wrecked or discarded equipment, rock, sand and industrial, municipal, agricultural waste and ballast discharged into water; which may cause or might reasonably be expected to cause pollution of the waters of the state in contravention of the standards or guidance values adopted as provided in Parts 700 et seq of this Title.

Qualified Inspector - means a person that is knowledgeable in the principles and practices of erosion and sediment control, such as a licensed Professional Engineer, Certified Professional in Erosion and Sediment Control (CPESC), licensed Landscape Architect, or other Department endorsed individual(s). It also means someone working under the direct supervision of the licensed Professional Engineer or licensed Landscape Architect, provided that person has training in the principles and practices of erosion and sediment control. Training in the principles and practices of erosion and sediment control means that an individual performing a site inspection has received four (4) hours of training, endorsed by the Department, from a Soil and Water Conservation District, CPESC, Inc. or other Department endorsed entity in proper erosion and sediment control principles no later than two (2) years from date this general permit is issued. After receiving the initial training, an individual working under the direct supervision of the licensed Professional Engineer or licensed Landscape Architect shall receive four (4) hours of training every three (3) years. Note: Inspections of any post-construction stormwater management practices that include structural components, such as a dam for an impoundment, shall be performed by a licensed Professional Engineer.

Qualified Professional - means a person that is knowledgeable in the principles and practices of stormwater management and treatment, such as a licensed Professional Engineer, licensed Landscape Architect or other Department endorsed individual(s). Individuals preparing SWPPPs that require the post-construction stormwater management practice component must have an understanding of the principles of hydrology, water quality management practice design, water quantity control design, and, in many cases, the principles of hydraulics in order to prepare a SWPPP that conforms to the Department's technical standard. All components of the SWPPP that involve the practice of engineering, as defined by the NYS Education Law (see Article 145), shall be prepared by, or under the direct supervision of, a professional engineer licensed to practice in the State of New York.

Regulated, Traditional Land Use Control MS4 - means a city, town or village with land use control authority that is required to gain coverage under New York State DEC's SPDES General Permit For Stormwater Discharges from Municipal Separate Stormwater Sewer Systems (MS4s).

Routine Maintenance Activity - means construction activity that is performed to maintain the original line and grade, hydraulic capacity, or original purpose of a facility, including, but not

limited to:

- Re-grading of gravel roads or parking lots,
- Stream bank restoration projects (does not include the placement of spoil material),
- Cleaning and shaping of existing roadside ditches and culverts that maintains the approximate original line and grade, and hydraulic capacity of the ditch,
- Cleaning and shaping of existing roadside ditches that does not maintain the approximate original grade, hydraulic capacity and purpose of the ditch if the changes to the line and grade, hydraulic capacity or purpose of the ditch are installed to improve water quality and quantity controls (e.g. installing grass lined ditch),
- Placement of aggregate shoulder backing that makes the transition between the road shoulder and the ditch or embankment.
- Full depth milling and filling of existing asphalt pavements, replacement of concrete pavement slabs, and similar work that does not expose soil or disturb the bottom six (6) inches of subbase material.
- Long-term use of equipment storage areas at or near highway maintenance facilities,
- Removal of sediment from the edge of the highway to restore a previously existing sheetflow drainage connection from the highway surface to the highway ditch or embankment,
- Existing use of Canal Corp owned upland disposal sites for the canal, and
- Replacement of curbs, gutters, sidewalks and guide rail posts.

State Pollutant Discharge Elimination System (SPDES) - means the system established pursuant to Article 17 of the ECL and 6 NYCRR Part 750 for issuance of permits authorizing discharges to the waters of the state.

Surface Waters of the State - shall be construed to include 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. Waters of the state are further defined in 6 NYCRR Parts 800 to 941.

Temporary Stabilization - means that exposed soil has been covered with material(s) as set forth in the technical standard, New York Standards and Specifications for Erosion and Sediment Control, to prevent the exposed soil from eroding. The materials can include, but are not limited to, mulch, seed and mulch, and erosion control mats (e.g. jute twisted yarn, excelsior wood fiber mats).

Total Maximum Daily Loads (TMDLs) - A TMDL is the sum of the allowable loads of a single pollutant from all contributing point and nonpoint sources. It is a calculation of the maximum amount of a pollutant that a waterbody can receive on a daily basis and still meet water quality standards, and an allocation of that amount to the pollutant's sources. A TMDL stipulates wasteload allocations (WLAs) for point source discharges, load allocations (LAs) for nonpoint sources, and a margin of safety (MOS).

Trained Individual - means an employee from a contracting (construction) firm that has received four (4) hours of training, which has been endorsed by the Department, from a Soil and Water Conservation District, CPESC, Inc. or other Department endorsed entity, in proper erosion and sediment control principles no later than two (2) years from the date this general permit is issued. After receiving the initial training, the trained individual shall receive four (4) hours of training every three (3) years. This individual will be responsible for implementation of the SWPPP.

Uniform Procedures Act (UPA) Permit - means a permit required under 6 NYCRR Part 621 of the Environmental Conservation Law (ECL), Article 70.

Water Quality Standard - means such measures of purity or quality for any waters in relation to their reasonable and necessary use as promulgated in 6 NYCRR Part 700 et seq.

APPENDIX B

Required SWPPP Components by Project Type

Table 1 Construction Activities that Require the Preparation of a SWPPP That Only Includes Erosion and Sediment Controls

The following construction activities that involve soil disturbances of one (1) or more acres of land, but less than five (5) acres:

- Single family home <u>not</u> located in one of the watersheds listed in Appendix C and <u>not</u> directly discharging to one of the 303(d) segments listed in Appendix E
- Single family residential subdivisions with 25% or less impervious cover at total site build-out
 and not located in one of the watersheds listed in Appendix C and not directly discharging to one
 of the 303(d) segments listed in Appendix E
- Construction of a barn or other agricultural building, silo, stock yard or pen.

The following construction activities that involve soil disturbances of one (1) or more acres of land:

- Installation of underground, linear utilities; such as gas lines, fiber-optic cable, cable TV, electric, telephone, sewer mains, and water mains
- Environmental enhancement projects, such as wetland mitigation projects, stormwater retrofits and stream restoration projects
- Bike paths and trails
- Sidewalk construction projects that are not part of a road/ highway construction or reconstruction project
- Slope stabilization projects
- Slope flattening that changes the grade of the site, but does not significantly change the runoff characteristics
- Spoil areas that will be covered with vegetation
- Land clearing and grading for the purposes of creating vegetated open space (i.e. recreational
 parks, lawns, meadows, fields), excluding projects that alter hydrology from pre to post
 development conditions
- Athletic fields (natural grass) that do not include the construction or reconstruction of impervious area and do not alter hydrology from pre to post development conditions
- Demolition project where vegetation will be established and no redevelopment is planned
- Overhead electric transmission line project that does not include the construction of permanent access roads or parking areas surfaced with impervious cover
- Structural practices as identified in Table II in the "Agricultural Management Practices Catalog
 for Nonpoint Source Pollution in New York State", excluding projects that involve soil
 disturbances of less than five acres and construction activities that include the construction or
 reconstruction of impervious area

The following construction activities that involve soil disturbances between five thousand (5000) square feet and one (1) acre of land:

All construction activities located in the watersheds identified in Appendix D that involve soil disturbances between five thousand (5000) square feet and one (1) acre of land.

Table 2

CONSTRUCTION ACTIVITIES THAT REQUIRE THE PREPARATION OF A SWPPP THAT INCLUDES POST-CONSTRUCTION STORMWATER MANAGEMENT PRACTICES

The following construction activities that involve soil disturbances of one (1) or more acres of land:

- Single family home located in one of the watersheds listed in Appendix C or directly discharging to one of the 303(d) segments listed in Appendix E
- Single family residential subdivisions located in one of the watersheds listed in Appendix C or directly discharging to one of the 303(d) segments listed in Appendix E
- Single family residential subdivisions that involve soil disturbances of between one (1) and five
 (5) acres of land with greater than 25% impervious cover at total site build-out
- Single family residential subdivisions that involve soil disturbances of five (5) or more acres of
 land, and single family residential subdivisions that involve soil disturbances of less than five (5)
 acres that are part of a larger common plan of development or sale that will ultimately disturb five
 or more acres of land
- Multi-family residential developments; includes townhomes, condominiums, senior housing complexes, and apartment complexes
- Airports
- Amusement parks
- Campgrounds
- Commercial developments
- Churches and other places of worship
- Construction of a barn or other agricultural building(e.g. silo) and structural practices as identified
 in Table II in the "Agricultural Management Practices Catalog for Nonpoint Source Pollution in
 New York State" that include the construction or reconstruction of impervious area, excluding
 projects that involve soil disturbances of less than five acres.
- Golf courses
- Institutional, includes hospitals, prisons, schools and colleges
- Industrial facilities, includes industrial parks
- · Landfills
- Municipal facilities; includes highway garages, transfer stations, office buildings, POTW's and water treatment plants
- Office complexes
- Sports complexes
- Racetracks, includes racetracks with earthen (dirt) surface
- Road construction or reconstruction
- Parking lot construction or reconstruction
- Athletic fields (natural grass) that include the construction or reconstruction of impervious area (>5% of disturbed area) or alter the hydrology from pre to post development conditions
- Athletic fields with artificial turf
- Permanent access roads or parking areas surfaced with impervious cover, and substations
 constructed as part of an over-head electric transmission line project, wind-power project or cell
 tower project
- All other construction activities that include the construction or reconstruction of impervious area and alter the hydrology from pre to post development conditions, and are not listed in Table 1

APPENDIX C

Watersheds Where Enhanced Phosphorus Removal Standards Are Required

Watersheds where owners or operators of construction activities identified in Table 2 of Appendix B must prepare a SWPPP that includes post-construction stormwater management practices designed in conformance with the Enhanced Phosphorus Removal Standards included in the technical standard, New York State Stormwater Management Design Manual ("Design Manual").

- Entire New York City Watershed located east of the Hudson River Figure 1
- Onondaga Lake Watershed Figure 2
- Greenwood Lake Watershed -Figure 3

Figure 1 - New York City Watershed East of the Hudson

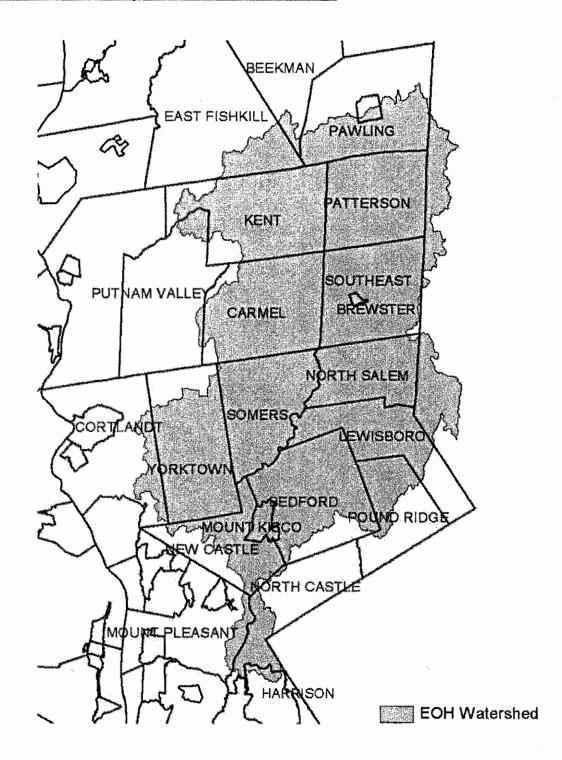
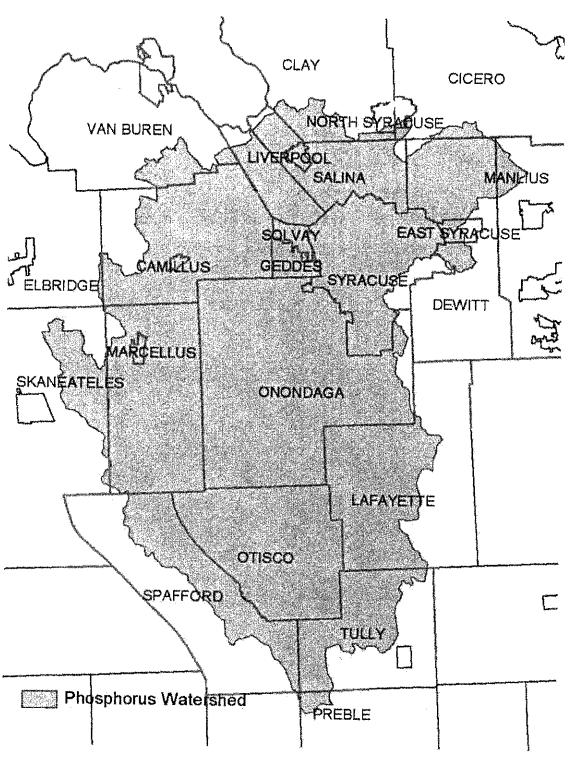
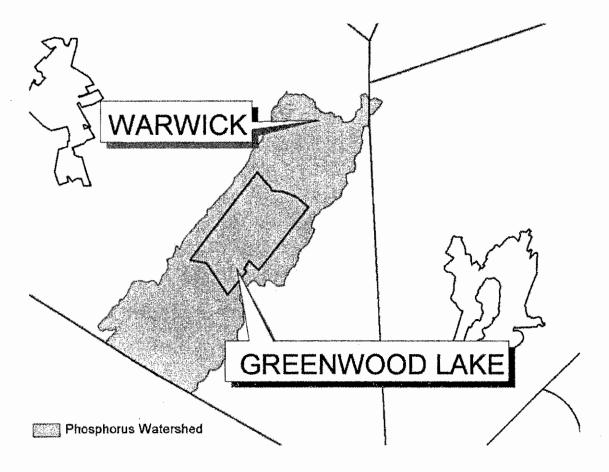


Figure 2 - Onondaga Lake Watershed



SPDES General Permit for Construction Activity, GP-0-08-001

Figure 3 - Greenwood Lake Watershed



APPENDIX D

Watersheds where *owners or operators* of construction activities that involve soil disturbances between five thousand (5000) square feet and one (1) acre of land must obtain coverage under this permit.

Entire New York City Watershed that is located east of the Hudson River - See Figure 1 in Appendix C

APPENDIX E

List of 303(d) segments impaired by pollutants related to construction activity (e.g. silt, sediment or nutrients). Owners or operators of single family home and single family residential subdivision construction activities that involve soil disturbances of one or more acres of land, but less than 5 acres, and directly discharge to one of the listed segments below shall prepare a SWPPP that includes post-construction stormwater management practices designed in conformance with the most current version of the technical standard, New York State Stormwater Management Design Manual ("Design Manual").

COUNTY	WATERBODY	COUNTY	WATERBODY
Albany	Ann Lee (Shakers) Pond, Stump Pond	Madison	Chittenango Creek
Albany	Basic Creek Reservoir	Madison	DeRuyter Reservoir
Bronx	Van Cortlandt Lake	Monroe	Genesee River, Lower, Main Stem
Broome	Whitney Point Lake/Reservoir	Monroe	Genesee River, Middle, Main Stem
Broome	Beaver Lake	Monroe	Black Creek, Lower, and minor tribs
Broome	White Birch Lake	Monroe	Buck Pond
Cayuga	Little Sodus Bay	Monroe	Long Pond
Chautauqua	Chautauqua Lake, North	Monroe	Cranberry Pond
Chautauqua	Chautauqua Lake, South	Nassau	Glen Cove Creek, Lower, and tribs
Chautauqua	Bear Lake	Nassau	LI Tribs (fresh) to East Bay
Chautauqua	Lower Cassadaga Lake	Nassau	East Meadow Brook, Upper, and tribs
Chautauqua	Middle Cassadaga Lake	Nassau	Hempstead Bay
Chautauqua	Findley Lake	Nassau	Hempstead Lake
Clinton	Great Chazy River, Lower, Main Stem	Nassau	Grant Park Pond
Columbia	Kinderhook Lake	Niagara	Bergholtz Creek and tribs
Columbia	Robinson Pond	Oneida	Ballou, Nail Creeks
Dutchess	Hillside Lake	Onondaga	Ley Creek and tribs
Dutchess	Wappinger Lakes	Onondaga	Onondaga Creek, Lower
Dutchess	Fall Kill and tribs	Onondaga	Harbor Brook, Lower, and tribs
Dutchess	Rudd Pond	Onondaga	Ninemile Creek, Lower, and tribs
Erie	Rush Creek and tribs	Ontario	Honeoye Lake
Erie	Ellicott Creek, Lower, and tribs	Ontario	Hemlock Lake Outlet and minor tribs
Erie	Beeman Creek and tribs	Oswego	Lake Neatahwanta
Erie	Murder Creek, Lower, and tribs	Oswego	Oneida Lake
Erie	South Branch Smoke Cr, Lower, and tribs	Putnam	Oscawana Lake
Erie	Little Sister Creek, Lower, and tribs	Putnam	Lake Carmel
Genesee	Black Creek, Upper, and minor tribs	Queens	Jamaica Bay, Eastern, and tribs (Queens)
Genesee	Tonawanda Creek, Middle, Main Stem	Queens	Bergen Basin
Genesee	Tonawanda Creek, Upper, and minor tribs	Queens	Shellbank Basin
Genesee	Little Tonawanda Creek, Lower, and tribs	Rensselaer	Snyders Lake
Genesee	Oak Orchard Creek	Richmond	Grasmere, Arbutus and Wolfes Lakes
Genesee	Bowen Brook and tribs	Saratoga	Dwaas Kill and tribs
Genesee	Bigelow Creek and tribs	Saratoga	Tribs to Lake Lonely
Greene	Schoharie Reservoir	Saratoga	Lake Lonely
Greene	Sleepy Hollow Lake	Schenectady	Collins Lake
Herkimer	Steele Creek tribs	Schoharie	Engleville Pond
Jefferson	Moon Lake	Schoharie	Summit Lake
Kings	Hendrix Creek	St.Lawrence	Black Lake Outlet/Black Lake
Livingston	Conesus Lake	Steuben	Lake Salubria
Livingston	Jaycox Creek and tribs	Suffolk	Millers Pond
Livingston	Mill Creek and minor tribs	Suffolk	Mattituck (Marratooka) Pond

APPENDIX E

List of 303(d) segments impaired by pollutants related to construction activity, cont'd.

COUNTY	WATERBODY	COUNTY	WATERBODY	
Suffolk	Tidal tribs to West Moriches Bay			
Suffolk	Canaan Lake			
Suffolk	Lake Ronkonkoma	l		
Tompkins	Cayuga Lake, Southern End	1		
Ulster	Ashokan Reservoir	1		
Ulster	Esopus Creek, Upper, and minor tribs			
Warren	Lake George]		
Warren	Tribs to L.George, Village of L George			
Warren	Huddle/Finkle Brooks and tribs			
Warren	Indian Brook and tribs	1		
Warren	Hague Brook and tribs			
Washington	Tribs to L.George, East Shore			
Washington	Cossayuna Lake			
Wayne	Blind Sodus Bay			
Wayne	Port Bay			
Wayne	Marbletown Creek and tribs			
Westchester	Peach Lake			
Westchester	Mamaroneck River, Lower			
Westchester	Mamaroneck River, Upper, and minor tribs			
Westchester	Sheldrake River			
Westchester	Blind Brook, Lower			
Westchester	Blind Brook, Upper, and tribs			
Westchester	Lake Lincolndale			
Westchester	Lake Meahaugh			
Wyoming	Java Lake			
Wyoming	Silver Lake			

Note: The list above identifies those waters from the final New York State "2006 Section 303(d) List of Impaired Waters Requiring a TMDL/Other Strategy", dated May 17, 2007, that are impaired by silt, sediment or nutrients.

APPENDIX F

LIST OF NYS DEC REGIONAL OFFICES

Region	COVERING THE FOLLOWING COUNTIES:	DIVISION OF ENVIRONMENTAL PERMITS (DEP) PERMIT ADMINISTRATORS	DIVISION OF WATER (DOW) WATER (SPDES) PROGRAM
1	NASSAU AND SUFFOLK	50 CIRCLE ROAD STONY BROOK, NY 11790 TEL. (631) 444-0365	50 CIRCLE ROAD STONY BROOK, NY 11790-3409 TEL. (631) 444-0405
2	BRONX, KINGS, NEW YORK, QUEENS AND RICHMOND	1 HUNTERS POINT PLAZA, 47-40 21ST ST. LONG ISLAND CITY, NY 11101-5407 TEL. (718) 482-4997	1 HUNTERS POINT PLAZA, 47-40 21ST ST. LONG ISLAND CITY, NY 11101-5407 TEL. (718) 482-4933
3	DUTCHESS, ORANGE, PUTNAM, ROCKLAND, SULLIVAN, ULSTER AND WESTCHESTER	21 SOUTH PUTT CORNERS ROAD NEW PALTZ, NY 12561-1696 TEL. (845) 256-3059	100 Hillside Avenue, Suite 1w White Plains, Ny 10603 Tel (914) 428 - 2505
4	ALBANY, COLUMBIA, DELAWARE, GREENE, MONTGOMERY, OTSEGO, RENSSELAER, SCHENECTADY AND SCHOHARIE	1150 NORTH WESTCOTT ROAD SCHENECTADY, NY 12306-2014 Tel. (518) 357-2069	1130 NORTH WESTCOTT ROAD SCHENECTADY, NY 12306-2014 TEL. (518) 357-2045
5	CLINTON, ESSEX, FRANKLIN, FULTON, HAMILTON, SARATOGA, WARREN AND WASHINGTON	1115 STATE ROUTE 86, PO BOX 296 RAY BROOK, NY 12977-0296 Tel. (518) 897-1234	232 GOLF COURSE ROAD, PO BOX 220 WARRENSBURG, NY 12885-0220 TEL. (518) 623-1200
6	HERKIMER, JEFFERSON, LEWIS, ONEIDA AND ST. LAWRENCE	STATE OFFICE BUILDING 317 WASHINGTON STREET WATERTOWN, NY 13601-3787 TEL. (315) 785-2245	STATE OFFICE BUILDING 207 GENESEE STREET UTICA, NY 13501-2885 TEL. (315) 793-2554
7	BROOME, CAYUGA, CHENANGO, CORTLAND, MADISON, ONONDAGA, OSWEGO, TIOGA AND TOMPKINS	615 ERIE BLVD. WEST SYRACUSE, NY 13204-2400 TEL. (315) 426-7438	615 ERIE BLVD, WEST SYRACUSE, NY 13204-2400 TEL. (315) 426-7500
8	CHEMUNG, GENESEE, LIVINGSTON, MONROE, ONTARIO, ORLEANS, SCHUYLER, SENECA, STEUBEN, WAYNE AND YATES	6274 EAST AVON-LIMA ROAD AVON, NY 14414-9519 TEL. (585) 226-2466	6274 EAST AVON-LIMA RD. AVON, NY 14414-9519 TEL. (585) 226-2466
9	ALLEGANY, CATTARAUGUS, CHAUTAUQUA, ERIE, NIAGARA AND WYOMING	270 MICHIGAN AVENUE BUFFALO, NY 14203-2999 TEL. (716) 851-7165	270 MICHIGAN AVE. BUFFALO, NY 14203-2999 TEL. (716) 851-7070

NOTICE OF INTENT



New York State Department of Environmental Conservation

Division of Water 625 Broadway, 4th Floor

Albany, New York 12233-3505

NYR						
	(fc	r	DEC	use	on1	.у)

Stormwater Discharges Associated with Construction Activity Under State Pollutant Discharge Elimination System (SPDES) General Permit # GP-0-08-001 All sections must be completed unless otherwise noted. Failure to complete all items may result in this form being returned to you, thereby delaying your coverage under this General Permit. Applicants must read and understand the conditions of the permit and prepare a Stormwater Pollution Prevention Plan prior to submitting this NOI. Applicants are responsible for identifying and obtaining other DEC permits that may be required.

-IMPORTANTRETURN THIS FORM TO THE ADDRESS ABOVE

OWNER/OPERATOR MUST SIGN FORM

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Project Site Inform	nation
Project/Site Name	
Street Address (NOT P.O. BOX)	
Side of Street O North O South O East O West	
City/Town/Village (THAT ISSUES BUILDING PERMIT)	
State Zip County N Y 0 - -	DEC Region
Name of Nearest Cross Street	
Distance to Nearest Cross Street (Feet)	Project In Relation to Cross Street O North O South O East O West
Tax Map Numbers Section-Block-Parcel	Tax Map Numbers
1. Provide the Geographic Coordinates for the project must go to the NYSDEC Stormwater Interactive Map on www.dec.ny.gov/imsmaps/stormwater/view Zoom into your Project Location such that you can a your site. Once you have located your project site and choose "Get Coordinates". Click on the center of containing the X, Y coordinates in UTM will pop up.	wer.htm accurately click on the centroid of go to the dropdown menu on the left of your site and a small window Transcribe these coordinates into the
<pre>must go to the NYSDEC Stormwater Interactive Map on</pre>	wer.htm accurately click on the centroid of go to the dropdown menu on the left of your site and a small window Transcribe these coordinates into the
www.dec.ny.gov/imsmaps/stormwater/view Zoom into your Project Location such that you can a your site. Once you have located your project site and choose "Get Coordinates". Click on the center o containing the X, Y coordinates in UTM will pop up. boxes below. For problems with the interactive map X Coordinates (Easting)	wer.htm accurately click on the centroid of go to the dropdown menu on the left of your site and a small window Transcribe these coordinates into the use the help function. Y Coordinates (Northing)
www.dec.ny.gov/imsmaps/stormwater/view Zoom into your Project Location such that you can a your site. Once you have located your project site and choose "Get Coordinates". Click on the center o containing the X, Y coordinates in UTM will pop up. boxes below. For problems with the interactive map	wer.htm accurately click on the centroid of go to the dropdown menu on the left of your site and a small window Transcribe these coordinates into the use the help function. Y Coordinates (Northing)
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3. Select the predominant land use for both pre and post development conditions. **SELECT ONLY ONE CHOICE FOR EACH**

Pre-Development Existing Land Use	Post-Development Future Land Use
O FOREST	O SINGLE FAMILY HOME Number of Lots
O PASTURE/OPEN LAND	O SINGLE FAMILY SUBDIVISION
O CULTIVATED LAND	O TOWN HOME RESIDENTIAL
O SINGLE FAMILY HOME	O MULTIFAMILY RESIDENTIAL
O SINGLE FAMILY SUBDIVISION	O INSTITUTIONAL/SCHOOL
O TOWN HOME RESIDENTIAL	O INDUSTRIAL
O MULTIFAMILY RESIDENTIAL	O COMMERCIAL
O INSTITUTIONAL/SCHOOL	O MUNICIPAL
O INDUSTRIAL	O ROAD/HIGHWAY
O COMMERCIAL	O RECREATIONAL/SPORTS FIELD
○ ROAD/HIGHWAY	O BIKE PATH/TRAIL
O RECREATIONAL/SPORTS FIELD	O LINEAR UTILITY (water, sewer, gas, etc.)
OBIKE PATH/TRAIL	O PARKING LOT
O LINEAR UTILITY	O CLEARING/GRADING ONLY
O PARKING LOT	O DEMOLITION, NO REDEVELOPMENT
O OTHER	OOTHER
4. Will future use of this site be an agricult by the NYS Agriculture and Markets Law ?	○ Yes ○ No
5. Is this a project which does not require conformit (e.g. Project done under an Individual department approved remediation)?	verage under the General SPDES Permit, or OYes ONo
6. Is this property owned by a state authority government?	, state agency or local OYes ONo
7. In accordance with the larger common plan of project site acreage, the acreage to be disturbed area. Round to to	bed and the future impervious area
	ng Impervious Future Impervious ithin Disturbed Area Within Disturbed
8. Do you plan to disturb more than 5 acres of	soil at any one time? O Yes O No
9. Indicate the percentage of each Hydrologic	<u>D</u>
9 9	<u> </u>

11. Enter the planned start and end dates of the disturbance activities		End Dat	0 /
2. Identify the nearest, natural,	surface waterbody(ies) to which cons	truction site
runoff will discharge. me			
2a. Type of waterbody identified in uestion 12?			
O Wetland / State Jurisdiction On			
O Wetland / State Jurisdiction Off	Site		
O Wetland / Federal Jurisdiction O	n Site (Answer 12b)	
O Wetland / Federal Jurisdiction O	ff Site		
O Stream / Creek On Site			
O Stream / Creek Off Site			
O River On Site			
ORiver Off Site	12b. H	ow was the wetland	identified?
O Lake On Site	O.	Regulatory Map	
O Lake Off Site		Delineated by Cons	ultant
O Other Type On Site	经过过的复数形式 医多种性性		Corps of Engineer
30 and and and and and in the industrial field of the industrial and a field o		Other (identify)	
O Other Type Off Site			
O Other Type Off Site			
O Other Type Off Site	The state of the s		
O Other Type Off Site			
3. Has the surface waterbody(ies)	In question 12 beer	n identified as a	○ Yes ○ No
	In question 12 beer	n identified as a	O Yes O No
3. Has the surface waterbody(ies)	In question 12 beer 0-08-001?		O Yes O No

16. Does this construction activity disturb land with no existing impervious cover and where the Soil Slope Phase is identified as an E or F on the USDA Soil Survey? If Yes, what is the acreage to be disturbed?	O Yes	O No
17. Will the project disturb soils within a State regulated wetland or the protected 100 foot adjacent area?	O Yes	O No
18. Does the site runoff enter a separate storm sewer system (including roadside drains, swales, ditches, culverts, etc)? O Yes O N (If No, skip question 19)	io O.U.	ıknown
19. What is the name of the municipality/entity that owns the separate st	orm sew	er system?
20. Does any runoff from the site enter a sewer classified as a Combined Sewer? OYes ON	lo O Ur	iknown
21. Has the required Erosion and Sediment Control component of the SWPPP been developed in conformance with the current NYS Standards and Specifications for Erosion and Sediment Control (aka Blue Book) ?	O Yes	O No
22. Does this construction activity require the development of a SWPPP that includes Water Quality and Quantity Control components (Post-Construction Stormwater Management Practices) (If No, skip questions 23 and 27-35)	() Yes	O nc
23. Have the Water Quality and Quantity Control components of the SWPPP been developed in comformance with the current NYS Stormwater Management	O Yes	O No

24. Th O Pr				A la		$q_{i} =$				nti	Lon	. Р.	Lan	(SWI	, P.F	')	wa	s ŗ	ore	pa	re	i k	y:							
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SWPPP Preparer Certification

I hereby certify that the Stormwater Pollution Prevention Plan (SWPPP) for this project has been prepared in accordance with the terms and conditions of the GP-0-08-001. Furthermore, I understand that certifying false, incorrect or inaccurate information is a violation of this permit and the laws of the State of New York and could subject me to criminal, civil and/or administrative proceedings.

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25. Has a construction sequence schedule for the planned management practices been prepared?

O Yes O No

26. Select ${\tt all}$ of the erosion and sediment control practices that will be employed on the project site:

Temporary Structural	Vegetative Measures
O Check Dams	O Brush Matting
O Construction Road Stabilization	O Dune Stabilization
O Dust Control	○ Grassed Waterway
○ Earth Dike	○ Mulching
O Level Spreader	O Protecting Vegetation
O Perimeter Dike/Swale	O Recreation Area Improvement
O Pipe Slope Drain	○ Seeding
O Portable Sediment Tank	○ Sodding
O Rock Dam	○ Straw/Hay Bale Dike
○ Sediment Basin	O Streambank Protection
○ Sediment Traps	○ Temporary Swale
O Silt Fence	○ Topsoiling
O Stabilized Construction Entrance	○ Vegetating Waterways
O Storm Drain Inlet Protection	Permanent Structural
○ Straw/Hay Bale Dike	
Temporary Access Waterway Crossing	O Debris Basin
O Temporary Stormdrain Diversion	O Diversion
○ Temporary Swale	○ Grade Stabilization Structure
O Turbidity Curtain	O Land Grading
○ Water bars	O Lined Waterway (Rock)
	O Paved Channel (Concrete)
<u>Biotechnical</u>	O Paved Flume
○ Brush Matting	O Retaining Wall
○ Wattling	O Riprap Slope Protection
	O Rock Outlet Protection
<u>Other</u>	○ Streambank Protection

Water Quality and Quantity Control

Important: Completion of Questions 27-35 is not required

if response to Question 22 is No.

Post-Construction Stormwater Management Practices

O Pocket Pond (P-5) Filtering O Surface Sand Filter (F-1) O Underground Sand Filter (F-2) O Underground Sand Filter (F-3) O Perimeter Sand Filter (F-3) O Underground Infiltration O Organic Filter (F-4) O Bioretention (F-5) O Other O Other O Met Swale (O-1) O Other O Wet Swale (O-2) Alternative Practice O Rain Garden O Wet Vault O Green Roof O Stormwater Planters O Permeable Paving (Modular Block) Describe other stormwater management practices not listed above or explant y deviations from the technical standards. Has a long term Operation and Maintenance Plan for the st-construction stormwater management practice (s) been developed? O Ye	1) n System ractice
O Wet Extended Detention (P-3) O Multiple Pond System (P-4) O Pocket Pond (P-5) Filtering O Surface Sand Filter (F-1) O Underground Sand Filter (F-2) O Perimeter Sand Filter (F-3) O Bioretention (F-5) O Other Alternative Practice O Rain Garden O Green Roof O Stormwater Planters O Permeable Paving (Modular Block) Has a long term Operation and Maintenance Plan for the st-construction stormwater management practice(s) been developed? O Yee Has a long term Operation and Maintenance Plan for the st-construction stormwater management practice(s) been developed? O Yee O Pond/Wetland System (W-3) O Pond/Wetland System (W-3) O Pond/Wetland System (W-3) O Pocket Wetland (W-4) O Infiltration O Infiltration Trench (I-1) O Infiltration Basin (I-2) O Dry Well (I-3) O Dry Well (I-3) O Por Media Filtration O Per Meannels O Per Met Swale (O-1) O Wet Swale (O-1) O Wet Swale (O-2) Verified Proprietary Pr	1) n System ractice
O Multiple Pond System (P-4) O Pocket Pond (P-5) Infiltration Filtering O Infiltration Filtering O Infiltration Filtering O Infiltration Filtering O Infiltration O Infiltration O Infiltration Trench (I-1) O Infiltration Basin (I-2) O Dry Well (I-3) O Dry Well (I-3) O Underground Infiltration O Organic Filter (F-4) O Bioretention (F-5) O Other O Other O Wet Swale (O-1) O Other O Rain Garden O Hydrodynamic O Cistern O Wet Vault O Green Roof O Stormwater Planters O Permeable Paving (Modular Block) Describe other stormwater management practices not listed above or explant y deviations from the technical standards. Has a long term Operation and Maintenance Plan for the st-construction stormwater management practice(s) been developed; O Ye	n System
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y deviations from the technical standards. Has a long term Operation and Maintenance Plan for the st-construction stormwater management practice(s) been developed? O Ye	
B. Describe other stormwater management practices not listed above or explain deviations from the technical standards. Has a long term Operation and Maintenance Plan for the st-construction stormwater management practice(s) been developed? Yes, Identify the entity responsible for the long term Operation and Maintenance Plan for	ain
y deviations from the technical standards. . Has a long term Operation and Maintenance Plan for the st-construction stormwater management practice(s) been developed? . O Ye	5 1 n
. Has a long term Operation and Maintenance Plan for the st-construction stormwater management practice(s) been developed? O Ye	cr T I I
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st-construction stormwater management practice(s) been developed? O Ye	
	es ○ No
Yes, Identify the entity responsible for the long term Operation and Main	
	ntenance
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30. Provide the total water quality volume requ	ired and the total provided for the site.
WQv Required	WQv Provided
0 acre-feet	0 acre-feet
31. Provide the following Unified Stormwater Si Total Channel Protection Storage Volume (CPv post-developed 1 year, 24 hour storm event CPv Required 0 acre-feet 31a. The need to provide for channel protection	CPv Provided O acre-feet
O Site discharges directly to f	
Total Overbank Flood Control Criteria (Qp)	Peak discharge rate for the 10 year storm
Pre-Development	Post-development
0 4 CFS	0 CFS
	100
Total Extreme Flood Control Criteria (Qf) - Pe	sak discharge race for the 100 year scorm
Pre-Development	Post-development
O CFS	0 . CFS
31b. The need to provide for flood control has	MATERIAL
O Site discharges directly to f	
O Downstream analysis reveals t	hat flood control is not required
<pre>IMPORTANT: For questions 31 and 32, impervious a project site and all offsite areas that drain to</pre>	
management practice(s). (Total Drainage Area =	Project Site + Offsite areas)
32. Pre-Construction Impervious Area - As a per Drainage Area enter the percentage of the exist before construction begins.	
33. Post-Construction Impervious Area - As a pe Drainage Area, enter the percentage of the futu will be created/remain on the site after comple	re impervious areas that
34. Indicate the total number of post-construct management practices to be installed/constructe	
35. Provide the total number of stormwater disc site. (include discharges to either surface wate storm sewer systems)	on as to the design for the feet of the first in each are also before the order to the first the first the first than the first the firs

O Air Pollution Control. O Navigable Waters Protection / Article 15 O Coastal Erosion O Water Quality Certificate O Hazardous Waste O Dam Safety O Long Island wells O Navigable Water Supply O Mined Land Reclamation O Freshwater Wetlands/Article 24 O Other SPDES O Tidal Wetlands O Solid Waste O Wile, Seemic and Recreational Rivers O None O Stream Bed or Bank Protection / Article 15 O Other O Other O Other O Other O Other O Other O Other O Other SpDES O Tidal Wetlands O Stream Bed or Bank Protection / Article 15 O Other O		
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O Hazardous Waste O Long Island Wells O Water Supply O Mined Land Reclamation O Freshwater Wetlands/Article 24 O Other SPDES O Tidal Wetlands O Solid Waste O Wild, Scoric and Recrestional Rivers O None O Stream Bed or Bank Protection / Article 15 O Other O Other 37. Does this project require a US Army Corps of Engineers Wetland O Yes O No If Yes, Indicate Size of Impact. 38. Is this project subject to the requirements of a regulated, traditional land use control NS4? (If No, skip question 39) 39. Has the "MS4 SWFPP Acceptance" form been signed by the principal executive officer or ranking elected official and submitted along with O Yes O No this NOT: 40. If this NOT is being submitted for the purpose of continuing coverage under a general permit for stormwater runoff from construction activities, please indicate the former SPDES number assigned. Owner/Operator Certification Owner/Operator Certification There werd or been advised of the permit checked and submitted along with the refreshed portify that this doment and the norresponding documents wave prepared undering including the possibility of the only imprisonment for fineshing violations. I faither independent on wave prepared the possibility of the only imprisonment for fineshing violations. I faither independent of the possibility of the ability of the Not. I always the possibility of the ability of the Not. I always the possibility of the ability of the Not. I always the possibility of the ability of the Not. I always the possibility of the storm of the Not of the Not of the Note of the	_	
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O None O Stream Bed or Bank Protection / Article 15 O Other 37. Does this project require a US Army Corps of Engineers Wetland Permit? If Yes, Indicate Size of Impact. 38. Is this project subject to the requirements of a regulated, traditional land use control MS4? (If No, skip question 39) 39. Has the "MS4 SMPPP Acceptance" form been signed by the principal executive officer or ranking elected official and submitted along with O Yes O No this NOI? 40. If this NOI is being submitted for the purpose of continuing coverage under a general permit for stormwater runoff from construction activities, please indicate the former SFDES number assigned. N Y R Owner/Operator Certification I have read or been advised of the permit conditions and believe that I understand tham. I also understand that, under the terms of the permit, there may be reporting requirement. I hereby certify that this document and the corresponding documents were prepored undersing direction or supervision. I am sware, that there are significant penalties for submitting false information, lackular penalticity of fine, and imprisonment for knowing Violations. I further understand that oversee under the operation between the penaltic store submitting false information, lackular penalticity of fine, and imprisonment for knowing Violations. I further understand that the penaltic penaltic penaltic store submitting false information, lackular penaltic by submitting this NOI. I am anknowledging that the SWFP has been developed and will be implemented as the first element of construction, and squested the Comply with all the terms and constitions of the general permit for which this NOI is being submitted. Print Pirst Name MI Print Last Name MI Owner/Operator Signature	_	
37. Does this project require a US Army Corps of Engineers Wetland Permit? If Yes, Indicate Size of Impact. 38. Is this project subject to the requirements of a regulated, traditional land use control MS47 (If No, skip question 39) 39. Has the "MS4 SWPPP Acceptance" form been signed by the principal executive officer or ranking elected official and submitted along with OYes ONo this NOI? 40. If this NOI is being submitted for the purpose of continuing coverage under a general permit for stormwater runoff from construction activities, please indicate the former SPDES number assigned. N Y R Owner/Operator Certification I have read or been advised of the permit conditions and believe that I understand them. I slave that this document and the corresponding documents were proposed under my discretion or supervision. I am aware that there are significant penaltics for aumitting false information, including the possibility of fine and imprisonment for knowing violations. I further understand that coverage under the general permit will be identified in the acknowledgment that I will receive as a result of submitting this NOI and can be as long as a large follows and says see provided for in the general permit. I also discretand that, by submitting that NOI, an acknowledgment that I will receive as a result of submitting this NOI and can be as long as a large follows and spreading to comply ULL All Including the the implemented is a the limit of the permit of a submitting that NOI. An acknowledgment that I will he man and conditions of the general permit transmit this WILLIE being submitted. Print First Name Owner/Operator Signature Owner/Operator Signature	-	,
37. Does this project require a US Army Corps of Engineers Wetland Permit? If Yes, Indicate Size of Impact. 38. Is this project subject to the requirements of a regulated, traditional land use control MS4? (If No, skip question 39) 39. Has the "MS4 SWPPP Acceptance" form been signed by the principal executive officer or ranking elected official and submitted along with OYes ONo this NOI? 40. If this NOI is being submitted for the purpose of continuing coverage under a general permit for stormwater runoff from construction activities, please indicate the former SPDES number assigned. NYR		Obtion bed of bank flotdetion / Afticle 13
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39. Has the "MS4 SWPPP Acceptance" form been signed by the principal executive officer or ranking elected official and submitted along with this NOI? 40. If this NOI is being submitted for the purpose of continuing coverage under a general permit for stormwater runoff from construction activities, please indicate the former SPDES number assigned. NYR I have read or been advised of the permit conditions and believe that I understand them. I also understand that, under the terms of the permit there may be reporting requirements. I hereby certify that this document and the corresponding documents were prepared undering direction or supervision. It am aware that there are significant penalties for submitting false information, including the possibility of sine and imprisonment for knowing violations. I further understand that coverage under the general permit will be identified in the acknowledgment that I will receive as a result of submitting this NOI and can be as long as sixty (60) business days as provided for in the general permit. I also understand that, by submitting this NOI, I am acknowledgment that I will be invested and successful that the submitting this NOI and can be submitting this NOI, I am acknowledgment that the SWPPP has been developed and will be implemented as the first element of construction, and agreeing to comply with all the terms and constitions of the general permit for which this NOI is being submitted. Print First Name MI Owner/Operator Signature Owner/Operator Signature	Permit?	Army Corps of Engineers Wetland
Owner/Operator Certification I have read or been advised of the permit conditions and believe that I understand them. I also understand that, under the terms of the permit, there may be reporting requirements. I hereby certify that this document and the corresponding documents were prepared under my direction or supervision. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. I further understand that coverage under the general permit will be identified in the acknowledgment that I will receive as a result of submitting this NOI and can be as long as sixty (60) business days as provided for in the general permit. I also understand that, by submitting this NOI, I am acknowledging that the SwPPP has been developed and will be implemented as the first element of construction, and agreeing to comply with all the terms and conditions of the general in permit for which this NOI is being submitted. Print First Name MI Print Last Name Owner/Operator Signature	traditional land use control MS4? (If No, skip question 39) 39. Has the "MS4 SWPPP Acceptance" executive officer or ranking elected.	O Yes O No
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I have read or been advised of the permit conditions and believe that I understand them. I also understand that, under the terms of the permit, there may be reporting requirements. I hereby certify that this document and the corresponding documents were prepared under my direction or supervision. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. I further understand that coverage under the general permit will be identified in the acknowledgment that I will receive as a result of submitting this NOI and can be as long as sixty (60) business days as provided for in the general permit. I also understand that, by submitting this NOI, I am acknowledging that the SWPPP has been developed and will be implemented as the first element of construction, and agreeing to comply with all the terms and conditions of the general permit for which this NOI is being submitted. Print First Name MI Print Last Name Owner/Operator Signature		
Date 0 / 0 / 0 / 0 /	I have read or been advised of the permit understand that, under the terms of the p that this document and the corresponding aware that there are significant penaltic fine and imprisonment for knowing violatic will be identified in the acknowledgment be as long as sixty (60) business days as submitting this NOT, I am acknowledging the first element of construction, and agreed permit for which this NOT is being submit Print First Name	conditions and believe that I understand them. I also exmit, there may be reporting requirements. I hereby certify documents were prepared under my direction or supervision. I am s for submitting false information, including the possibility of ons. I further understand that coverage under the general permit that I will receive as a result of submitting this NOI and can provided for in the general permit. I also understand that, by not the SWPPP has been developed and will be implemented as the ing to comply with all the terms and conditions of the general provided.
A STATE OF THE STA	I have read or been advised of the permit understand that, under the terms of the p that this document and the corresponding aware that there are significant penaltic fine and imprisonment for knowing violatic will be identified in the acknowledgment be as long as sixty (60) business days as submitting this NOT, I am acknowledging the first element of construction, and agreed permit for which this NOT is being submit Print First Name Print Last Name Print Last Name	conditions and believe that I understand them. I also exmit, there may be reporting requirements. I hereby certify documents were prepared under my direction or supervision. I am s for submitting false information, including the possibility of ons. I further understand that coverage under the general permit that I will receive as a result of submitting this NOI and can provided for in the general permit. I also understand that, by not the SWPPP has been developed and will be implemented as the ing to comply with all the terms and conditions of the general provided.



New York State Department of Environmental Conservation Division of Water 625 Broadway, 4th Floor Albany, New York 12233-3505

MS4 Stormwater Pollution Prevention Plan (SWPPP) Acceptance Form

Construction Activities Seeking Authorization Under SPDES General Permit GP-0-08-001 (NOTE: Attach Completed Form to Notice Of Intent and Submit to Address Above)

I. Project Owner/Operator Information
1. Owner/Operator Name:
2. Contact Person:
3. Street Address:
4. City/State/Zip:
II. Project Site Information
5. Project/Site Name:
6. Street Address:
7. City/State/Zip:
III. Stormwater Pollution Prevention Plan (SWPPP) Review and Acceptance Information
8. SWPPP Reviewed by:
9. Title/Position:
10. Date Final SWPPP Reviewed and Accepted:
IV. Regulated MS4 Information
11. Name of MS4:
12. MS4 SPDES Permit Identification Number: NYR20A
13. Contact Person:
14. Street Address:
15. City/State/Zip:
16. Telephone Number:

(NYS DEC - MS4 SWPPP Acceptance Form - 4/10/08, Revised 9/19/08)

MS4 SWPPP Acceptance Form - continued
V. Certification Statement - MS4 Official (principal executive officer or ranking elected official) or Duly Authorized Representative
I hereby certify that the final Stormwater Pollution Prevention Plan (SWPPP) for the construction project identified in question 5 has been reviewed and meets the substantive requirements in the SPDES General Permit For Stormwater Discharges from Municipal Separate Storm Sewer Systems (MS4s). Note: The MS4, through the acceptance of the SWPPP, assumes no responsibility for the accuracy and adequacy of the design included in the SWPPP. In addition, review and acceptance of the SWPPP by the MS4 does not relieve the owner/operator or their SWPPP preparer of responsibility or liability for errors or omissions in the plan.
Printed Name:
Title/Position:
Signature:
Date:
VI. Additional Information



New York State Department of Environmental Conservation Division of Water 625 Broadway, 4th Floor Albany, New York 12233-3505

NOTICE OF TERMINATION for Storm Water Discharges Authorized under the

SPDES General Permit for Construction Activity

GIDES General Termit for Construction Activity			
Please indicate your permit identification number: NYR			
I. Owner or Operator Information			
1. Owner/Operator Name:			
2. Street Address:			
3. City/State/Zip:			
4. Contact Person:	4a.Telephone:		
II. Project Site Information			
5. Project/Site Name:			
6. Street Address:			
7. City/Zip:			
8. County:			
III. Reason for Termination			
9a. □ All disturbed areas have achieved final stabilization in accordance Date final stabilization completed (month/year):	ce with the general permit and SWPPP.		
9b. Permit coverage has been transferred to new owner/operator. In identification number: NYR (Note: Permit coverage can not be terminated by owner identifie obtains coverage under GP-0-08-001)	* 1		
9c. □ Other (Explain on Page 2)			
IV. Final Site Information:			
10a. Did this construction activity require the development of a SWPF stormwater management practices? ☐ yes ☐ no (If no, go to the construction of the construction	PP that includes post-construction to question 10f.)		
10b. Have all post-construction stormwater management practices included upon 10b. (If no, explain on Page 2)	uded in the final SWPPP been constructed?		
10c. Identify the entity responsible for long-term operation and mainten	nance of practice(s)?		

NOTICE OF TERMINATION for Storm Water Discharges Authorized under the SPDES General Permit for Construction Activity - continued 10d. Has the entity responsible for long-term operation and maintenance been given a copy of the operation and maintenance plan required by the general permit? yes 10e. Indicate the method used to ensure long-term operation and maintenance of the post-construction stormwater management practice(s): ☐ Post-construction stormwater management practice(s) and any right-of-way(s) needed to maintain practice(s) have been deeded to the municipality. ☐ Executed maintenance agreement is in place with the municipality that will maintain the post-construction stormwater management practice(s). ☐ For post-construction stormwater management practices that are privately owned, a deed restriction is in place that requires operation and maintenance of the practice(s) in accordance with the operation and maintenance plan. ☐ For post-construction stormwater management practices that are owned by a public or private institution (e.g. school, college, university), or government agency or authority, policy and procedures are in place that ensures operation and maintenance of the practice(s) in accordance with the operation and maintenance plan. 10f. Provide the total area of impervious surface (i.e. roof, pavement, concrete, gravel, etc.) constructed within the disturbance area? (acres) V. Additional Information/Explanation: (Use this section to answer questions 9c. and 10b., if applicable)

NOTICE OF TERMINATION for Storm Water Discharges Authorized under the SPDES General Permit for Construction Activity - continued

VI. Qualified Inspector Certification - Final Stabilization:				
I hereby certify that all disturbed areas have achieved final stabilization as defined in GP-0-08-001, and that all temporary, structural erosion and sediment control measures have been removed. Furthermore, I understand that certifying false, incorrect or inaccurate information is a violation of the referenced permit and the laws of the State of New York and could subject me to criminal, civil and/or administrative proceedings.				
Printed Name:				
Title/Position:				
Signature:	Date:			
VII. Qualified Inspector Certification - Post-construction Stormwater Man	nagement Practice(s):			
I hereby certify that all post-construction stormwater management practices have been constructed in conformance with the SWPPP. Furthermore, I understand that certifying false, incorrect or inaccurate information is a violation of the referenced permit and the laws of the State of New York and could subject me to criminal, civil and/or administrative proceedings.				
Printed Name:				
Title/Position:				
Signature:	Date:			
VIII. Owner or Operator Certification				
I hereby certify that this document was prepared by me or under my direction or supervision. My determination, based upon my inquiry of the person(s) who managed the construction activity, or those persons directly responsible for gathering the information, is that the information provided in this document is true, accurate and complete. Furthermore, I understand that certifying false, incorrect or inaccurate information is a violation of the referenced permit and the laws of the State of New York and could subject me to criminal, civil and/or administrative proceedings.				
Printed Name:				
Title/Position:				
Sionature:	Date:			

(NYS DEC Notice of Termination - 4/10/08)

APPENDIX H SWPPP Inspection Forms

NYSDEC SPDES General Permit for Stormwater Discharges from Construction Activity Monthly Summary of Site Inspection Activities Permit Number GP-02-01

Name of Permitted Facility:	Permit Identification #:	ication #:	
	Today's Date:	Reporting Month:	
Name and Telephone Number of Site Inspector:	Name and Telephone Number of Site Inspector:	Inspector:	

Permit Reference; Part III.D.3.b (page 15):

"The operator shall post at the site, in a publicly-accessible location, a summary of the site inspection activities on a monthly basis."

Date	Corrected						
نه	SWPPP with all conditions of the general permit (
Name of Qualified Professional	conducting Site Inspections						
Type of Inspection	and 24 hr Rainfall						
Date of	Inspection						

Owner/Operator Certification:

persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that false statements made herein are punishable as a class A misdemeanor pursuant to Section 210.45 of the Penal Law." "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those

Name of Permittee or Duly Authorized Representative	ner/Operator) must have written authorization, submitted to DEC, to sign
Signature of Permittee or Duly Authorized Representative	Duly authorized representatives of the Permittee (Owner/Opera

any permit documents.

Date

APPENDIX I Procedure for Detecting and Eliminating Illicit Discharge

VILLAGE OF HEAD OF THE HARBOR PROCEDURE FOR DETECTING AND ELIMINATING ILLICIT DISCHARGE

The Village of Head of The Harbor, in order to fulfill its requirements under NYS Phase II regulations (New York State Pollutant Discharge Elimination System ("SPDES") General Permit for Stormwater Discharge from Municipal Separate Storm Sewer Systems (GP-0-08-002), provides for the following procedure for detecting and eliminating illicit discharge:

□ Drainage Outfalls:

The Village has mapped four (4) drainage outfalls within its jurisdiction. These outfalls are known to the Village Officials, Village Engineer, Building Inspector, Highway Commissioner, highway maintenance personnel, Village Police and Village Fire Department. All of the above are aware of the Stormwater Management program and if any discharge, during dry conditions are observed they are to report such instance to the Village Engineer. Specifically, the highway maintenance personnel are to review, on a quarterly basis, each of the four (4) drainage outfalls for the purpose of detecting illicit discharge.

☐ Drainage Basin Cleaning:

During the annual drainage basin cleaning the contractor is required to sign a Third Party agreement that they are aware of the Village's Stormwater Management Program. The contractor is to notify the Highway Commissioner of any suspect material that is removed from the basin during the cleaning operation.

■ Building Activities:

The Building Inspector and Village Engineer are responsible for the monitoring of construction activities for new homes as well as for reconstruction, extensions, and other improvements. Projects are reviewed by the Building Inspector and Village Engineer as part of the Planning Board's site plan review process. On site drainage systems are required as part of the site plan review process. Inspections are made, during the construction process to assure the improvements are made in accordance with the plans. The Building Inspector also requires that house plans be reviewed by the Suffolk County Department of Health Services for compliance with the Sanitary Code. Prior to the issuance of a Certificate of Occupancy all inspections have to be completed and approved by the appropriate department and/or agency.

Other Activities: All Village Departments, Officials and Employees are to notify Village Hall of any observed condition that will affect water quality. Village Hall will notify the appropriate department for review of the situation and to rectify the condition.

APPENDIX J Storm Drainage Basin Cleaning Log

ROAD	STR.		GITUDE		TUDE	LAST CLEANED
Arbor Lane	LB 1	N 40°		W 073°	10.162'	
	LB 2	N 40°	54.1201	W 073°	10.157	
Armand Court	CB 1	N 40°	54.242'	W 073°	09.625'	
	CB 2	N 40°	54.238'	W 073°	09.637	
	LB 1	N 40°	54.325'	W 073°	09.651	
•	LB 2	N 40°	54.319		09.659'	
Bacon Road	CB 1	N 40°	53.954	W 073°	09.413'	
	LB 1	N 40°	53,973'	W 073°	09.418'	
	LB 2	N 40°	53.974	W 073°	09.411'	
	LB 3	N 40°	54.181	W 073°	09.464'	
	LB 4	N 40°	54.177'	W 073°	09.455	
	LB 5	N 40°	54.204'	W 073°	09,466'	
Barn Lane	NONE					
Dain Lane	NONE					
Birch Lane	NONE					
Brackenwood Path	LB 1	N 40°	54.543'	W 073°	09.311'	
Branglebrink Road	NONE					
Briarwood Court	LB 1	N 40°	54.023'	W 073°	09.284	
Buckingham Court	CB 1	N 40°	52.737'	W 073°	10.469'	
- William Cour	CB 2	N 40°	52.736'	W 073°	10.472	
	CB 2	N 40°	52.750	W 073°	10.472	
	CB 4	N 40°	52.658 ¹	W 073°	10.458	
		N 40°		W 073°		
	MH 1	N 40° N 40°	52.737'		10.470'	
	MH 2	IN 40	52.694'	W 073°	10.463	
Carman Lane	CB 1	N 40°	53.533'	W 073°	10.588'	
	LB 1	N 40°	53,535'	W 073°	10.569'	
	LB 2	N 40°	53.534'	W 073°	10.563	
	LB 3	N 40°	53.473'	W 073°	10.399'	
	LB 3	N 40°	53.448'	W 073°	10.418'	
	LB 5	N 40°	53,452'	W 073°	10.413	
	LB 5	N 40°	53,452	W 073°	10.412	
		1 1 1 /	1 1 4 17	VV 1./.2	137.41.3	

ROAD	STRUCTUR	E LONG	GITUDE	LATI	TUDE	LAST CLEANED
The Chase	CB 1	N 40°	52.644'	W 073°	10.623'	
	CB 2	N 40°	52.642'	W 073°	10.626'	
	MH 1	N 40°	52.633'	W 073°	10.609'	
Cordwood Path	CB 1	N 40°	53.5431	W 073°	10.585	
	RC 1	N 40°	53.604'	W 073°	10.532'	
	RC 2	N 40°	53.584'	W 073°	10.559'	
	RC 3	N 40°	53.556'	W 073°	10.575'	
Deepwells Lane	LB 1	N 40°	53.0931	W 073°	09.748'	
	LB 2	N 40°	53.0911	W 073°	09.751'	
	LB 3	N 40°	53.9121	W 073°	09.688'	
	LB 4	N 40°	53.913'	W 073°	09.691'	
	LB 5	N 40°	53.9331	W 073°	09.746'	
	LB 6	N 40°	53.932'	W 073°	09.749'	
		1, 10	00.902	11 075	05.7 15	
Edgewood Ave.	CB 1	N 40°	52.443'	W 073°	10.350'	
	CB 2	N 40°	52.4231	W 073°	10.392'	
	LB 1	N 40°	52.440'	W 073°	10.345'	
	NYS DOT L	BN 40°	52.447'	W 073°	10.342'	
Emmet Drive	CB 1	N 40°	54.873'	W 073°	08.969'	
	CB 2	N 40°	54.875'	W 073°	08.966'	
	CB 3	N 40°	54.986'	W 073°	09.021'	
	LB 1	N 40°	54.874	W 073°	08.966'	
	LB 2	N 40°	54.878'	W 073°	08.968'	
	LB 3	N 40°	54,987	W 073°	09.022	
Emmet Way	CB 1	N 40°	54.940'	W 073°	09.078'	
	CB 2	N 40°	54.942'	W 073°	09.077'	
	CB 3	N 40°	54.837'	W 073°	09.080'	
	LB 1	N 40°	54.9401	W 073°	09,0783	
	LB 2	N 40°	54.9421	W 073°	09.081'	
	LB 3	N 40°	54.942'	W 073°	09.086'	
	LB 4	N 40°	54.841'	W 073°	09.087	
	LB 5	N 40°	54.835'	W 073°	09.086	
Evan Court	CB 1	N 40°	54.'	W 073°		
	CB 2	N 40°	54.'	W 073°		
X.	CB 3	N 40°	54.041'	W 073°	09.713	V
	CB 4	N 40°	54.041'	W 073°	09.710	
	CB 5	N 40°	54.095	W 073°	09.709°	
-	CB 6	N 40°	54.095'	W 073°	09.709	
	LB 1	N 40°	54.'	W 073°	07.700	
	LB 1 LB 2	N 40°	54.081'	W 073°	09.721	
	LB 3	N 40°	54.085'	W 073°	09.706'	
	LB 4	N 40°	54.090'	W 073°	09.714'	
	LB 5	N 40°	54.091'	W 073°	09.714	
	பப	74 AA	24.071	W U/J	U7./12	

ROAD	STRUCTUR	E LONG	GITUDE	LATI	TUDE	LAST CLEANED
Farmer's Lane	CB 1	N 40°	53.866'	W 073°	09.288'	
	CB 2	N 40°	53.9261	W 073°	09.312'	
	LB 1	N 40°	53,836	W 073°	09.347	
	LB 2	N 40°	53.833'	W 073°	09.344'	
	LB 3	N 40°	53.870'	W 073°	09.191'	
	LB 4	N 40°	53.929'	W 073°	09.310'	
	LB 5	N 40°	53.928	W 073°	09.337	
	XID 5	11 10	23,720	11 075	07.007	
Farm Road	CB 1	N 40°	53.741'	W 073°	09.978'	
	CB 2	N 40°	53.741'	W 073°	09.983	
	CB 3	N 40°	53,767'	W 073°	09.946'	
	CB 4	N 40°	53,766'	W 073°	09.957'	
	CB 5	N 40°	53.857'	W 073°	09.818'	
	CB 6	N 40°	53.885'	W 073°	09.769	
	LB 1	N 40°	53.847'	W 073°	09.835	
	LB 2	N 40°	53.851'	W 073°	09.837	
	LB 3	N 40°	53,853'	W 073°	09.838	
	LB 3	N 40°	53.856'	W 073°	09.834'	
	LB 5	N 40°	53.859	W 073°	09.835'	
	LD 3	IN 40	33.039	W U/3	09.633	
Fells Way	CB 1	N 40°	53.491'	W 073°	09.845	
•	CB 2	N 40°	53.4921	W 073°	09.846'	
	CB 3	N 40°	53.5291	W 073°	09.844'	
	CB 4	N 40°	53.526'	W 073°	09.841	
	LB 1	N 40°	53.454'	W 073°	09.899	
	LB 2	N 40°	53.456'	W 073°	09.897	
	LB 3	N 40°	53.453'	W 073°	09.894	
		11 10	03.132	,, 0.2	02.021	
Fifty Acre Road	CB 1	N 40°	52.550'	W 073°	10.324'	
	CB 2	N 40°	52.589'	W 073°	10.339'	
•	CB 3	N 40°	52.584'	W 073°	10.334'	
	CB 4	N 40°	52.766'	W 073°	10.372	
	CB 4	N 40°	53.034'	W 073°	10.426'	
	LB 1	N 40°	52.459'	W 073°	10.303	
	LB 2	N 40°	52.615'	W 073°	10.343	
	LB 3	N 40°	52.765'	W 073°	10.367'	
	LB 4	N 40°	52.766'	W 073°	10.367'	
	LB 5	N 40°	52.8931	W 073°	10.399	
	LB 6	N 40°	52.8871	W 073°	10.394'	
	MH 1	N 40°	52.586'	W 073°	10,348'	
	Sump	N 40°	52.585'		10.349'	
N.				s.		
Fox Meadow Rd.	CB 1	N 40°	54.434'	W 073°	08.957	
	CB 2	N 40°	54.432	W 073°	08.951	
	CB 3	N 40°	54.430'	W 073°	08.949'	
	CB 4	N 40°	54.440'	W 073°	08.834'	

ROAD Friends Way	STRUCTURE LONGITUDE PRIVATE RD.			LAT	TUDE	LAST CLEANED		
Gate Road	CB 1	N 40°	53.701'	W 073°	09.286'			
	CB 2	N 40°	53.704'	W 073°	09.283			
Harbor Hill Road	CB 1	N 40°	53.349'	W 073°	09.795			
	CB 2	N 40°	53.349'	W 073°	09.795'			
	CB 3	N 40°	53.350'	W 073°	09.798'			
	CB 4	N 40°	53.437'	W 073°	09.895			
	CB 5	N 40°	53.440'	W 073°	09.888'			
	CB 6	N 40°	53.488'	W 073°	09.977			
	CB 7	N 40°	53.490	W 073°	09.977			
	CB 8	N 40°	53.507'	W 073°	10.010'			
	CB 9	N 40°	53.5051	W 073°	10.019'			
	LB 1	N 40°	53,356'	W 073°	09.802			
	LB 2	N 40°	53.3521	W 073°	09.796'			
	LB 3	N 40°	53.438'	W 073°	09.884'			
	LB 4	N 40°	53.497'	W 073°	09.977			
	LB 5	N 40°	53.504		10.023			
		11 10	001001	11 070	10.020			
Harbor Road	LB 1	N 40°	53.619'	W 073°	10.382'			
(Cordwood-Harbor Hill Rd.)	LB 2	N 40°	53.614'	W 073°	10.378'			
,	culvert 1	N 40°	53.5661	W 073°	10.205			
	runoff cut	N 40°	53.5681	W 073°	10,199'			
Harbor Road	CB 1	N 40°	53.840'	W 073°	10.065'			
(Harbor Hill-Hitherbrook Rd.)	CB 2	N 40°	53.926'	W 073°	10.053'			
,	CB 4	N 40°	53.949'	W 073°	10.034'			
	CB 5	N 40°	53.9521	W 073°	10.032'			
	culvert 2	N 40°	53.609'	W 073°	10.109'			
	culvert 3	N 40°	53.924'	W 073°	10.058'			
	culvert 4	N 40°	53.929'	W 073°	10.0531			
	culvert 5	N 40°	53.938'	W 073°	10.048'			
	LB 1	N 40°		W 073°	10.071'			
	LB 2	N 40°		W 073°	10.070'			
	LB 3	N 40°	53.933'		10.050'			
	MH 1	N 40°	53.928'		10.058'			
	14111 1	11 70	23.920	** 0/3	10.050			
Harbor Road	drain pipe	N 40°	54.118'	W 073°	10.009			
(Hitherbrook-Bacon Rd.)	culvert 6	N 40°	54.204'	W 073°	09.944'			
	LB 1	N 40°	54.396'	W 073°	09.590'			
	LB 2	N 40°	54.396'	W 073°	09.592'			

ROAD	STRUCTURE	E LONG	ITUDE	LATI	TUDE	LAST CLEANED
Harbor Road	CB 1	N 40°	54.529'	W 073°	09.394'	
(Bacon-Duck Pond)	CB 2	N 40°	54.775'	W 073°	08.995'	
	LB 1	N 40°	54.740'	W 073°	09.162'	
	LB 2	N 40°	54.741'	W 073°	09.139'	
	LB 3	N 40°	54.138'	W 073°	09.145'	
	LB 4	N 40°	54.874'	W 073°	09.880'	
	LB 5	N 40°	54.866'	W 073°	08.882'	
	LB 6	N 40°	54.887'	W 073°	08.869'	
High Hedges Court	LB 1	N 40°	53,7981		09.088'	
	LB 2	N 40°	53.797'	W 073°	09.089'	
Highland Ave.						
Hilltop Court	LB 1	N 40°	53.909'	W 073°	09.794	
Hitherbrook Road	CB 1	N 40°	53,738'	W 073°	09.318'	
Tituloi0100K Roug	CB 2	N 40°	53.738'	W 073°	09.314'	
	CB 3	N 40°	53.787'	W 073°	09.334	
	CB 4	N 40°	53.785	W 073°	09.330'	
	CB 5	N 40°	53.968'	W 073°	09.745	
	LB 01	N 40°	53.731'	W 073°	09.310'	
	LB 02	N 40°	53.757'	W 073°	09.320'	
	LB 03	N 40°	53.790'	W 073°	09.333'	
	LB 04	N 40°	53.792'	W 073°	09.334	
	LB 05	N 40°	53.904	W 073°	09.413'	
	LB 06	N 40°	53.904	W 073°	09,407'	
	LB 07	N 40°	53.909'	W 073°	09.418'	
	LB 08	N 40°	53.958	W 073°	09.448'	
	LB 09	N 40°	53.958	W 073°	09.452'	
	LB 10	N 40°	53,959'	W 073°	09.509	•
	LB II	N 40°	53.955'	W 073°	09.510	
	LB 12	N 40°	53.945'	W 073°	09.558'	
	LB 13	N 40°	53.952'	W 073°	09.565'	
	LB 14	N 40°	53.958'		09.562	
	LB 15	N 40°	53.954'	W 073°	09.608'	
	LB 16	N 40°	53.975'	W 073°	09.776	
	LB 10 LB 17	N 40°	53.980'		09.776	
	LB 18	N 40°		W 073°	09.911	
	LB 19	N 40°		W 073°	09.983	
	LD 19	Ut Pi	33.302	W 0/3	U7,70J	
•						·
The Hunt	CB 1	N 40°	52.511'	W 073°	10.399'	
	CB 2	N 40°	52.513'	W 073°	10.400'	

ROAD	STRUCTUR	E LONG	ITUDE	LATI	TUDE	LAST CLEANED
Meadow Gate East	CB 1	N 40°	53.111'	W 073°	10.339'	
	CB 1 LB 1	N 40°	53.112'	W 073°	10.333'	
	CB 1 LB 2	N 40°	53.112'	W 073°	10,337'	
	CB 1 LB 3	N 40°	53.112'	W 073°	10.341'	
	CB 1 LB 4	N 40°	53.113'	W 073°	10,345'	
	CB 1 LB 5	N 40°	53.115'	W 073°	10.350'	
	CB 2	N 40°	53.109'	W 073°	10.339'	
	CB 2 LB 1	N 40°	53.107'	W 073°	10.335'	i .
	CB 2 LB 2	N 40°	53.107	W 073°	10.341'	
	CB 2 LB 3	N 40°	53.109'	W 073°	10.345'	
	CB 2 LB 4	N 40°	53,110	W 073°	10.350'	
	CB 2 LB 5	N 40°	53.111'	W 073°	10.355'	
	CB 2 LB 6	N 40°	53.122'	W 073°	10.359'	
	CB 3	N 40°	53.128'	W 073°	10.195'	
	CB 4	N 40°	53.117'	W 073°	10.188'	
	CB 5	N 40°	53,117	W 073°	10.170'	
	CB 6	N 40°	53.130'	W 073°	10.166'	
	circle LB 1	N 40°	53.130	W 073°	10.178'	
	circle LB 2	N 40°	53.129'	W 073°	10.175'	
	circle LB 3	N 40°	53.128'	W 073°	10.174'	
	circle LB 3	N 40°	53.126'	W 073°	10.176'	
	circle LB 5	N 40°	53.126'	W 073°	10.170	
	circle LB 6	N 40°	53.120'	W 073°	10.178'	
	circle LB 7	N 40°	53,128'	W 073°	10,186'	
	circle LB 8	N 40°	53.126'	W 073°	10.188'	
	circle LB 9	N 40°	53.122'	W 073°	10.185'	
Meadow Gate West	CB 1	N 40°	53.2091	W 073°	10.534'	
	CB 2	N 40°	53.2211	W 073°	10.539'	
	CB 3	N 40°	53.174'	W 073°	10,531'	
	CB 4	N 40°	53.169'	W 073°	10.536'	
	CB 5	N 40°	53.136'	W 073°	10.520'	
	CB 6	N 40°	53.136'	W 073°	10,535'	
	CB 7	N 40°	53.122'	W 073°	10.524'	
	CB 8	N 40°	53.119'	W 073°	10.524'	
	LB 1	N 40°	53.214'	W 073°	10.531'	
	LB 2	N 40°	53.210'	W 073°	10.537'	
	LB 3	N 40°	53.204'		10.539'	
	LB 4	N 40°	53.212'		10.540'	
	LB 5	N 40°	53.206		10.546'	
	LB 6	N 40°		W 073°	10.528'	
	LB 7	N 40°		W 073°	10.528'	
	 ,	1	20,100	,, 0,2	10,020	
Mill Creek Lane	PRIVATE					
THE CIVIL DUIL	IMIMID					
Moriches Road	CB 2	N 40°	53.280'	W 073°	09.882	
Monojios Road	LB 1	N 40°	53,286'	W 073°	09.888'	
	LB 1 LB 2	N 40°	53.282	W 073°	09.881'	
•	LB 2 LB 3	N 40°	53.264	W 073°	09.881	
	LB 3 LB 4	N 40° N 40°		W 073°		
	LD 4	11 40	33.207	W U/J	09.946'	

ROAD	STRUCTUR	E LONG	ITUDE	LATI	TUDE	LAST CLEANED
Muffins Meadow	LB 1	N 40°	54.8841	W 073°	09.405	
	LB 2	N 40°	54.8851	W 073°	09.408'	
	LB 3	N 40°	54.867'	W 073°	09,422'	
	LB 4	N 40°	54.8691	W 073°	09.473'	
	LB 5	N 40°	54.8651	W 073°	09.474'	•
	LB 6	N 40°	54.867'	W 073°	09.481'	
	LB 7	N 40°	54.8661	W 073°	09.489'	
	LB 8	N 40°		W 073°	09.548'	
	LB 9	N 40°		W 073°	09.548'	
Nadia Court	LB 1	N 40°	54,2491	W 073°	09.315'	
	LB 2	N 40°	54.2481	W 073°	09.325'	
	LB 3	N 40°	54,252'	W 073°	09.323	
Oak Ridge Road	CB 1	N 40°		W 073°	08.716'	
	CB 2	N 40°		W 073°	08.735'	
	LB 1	N 40°	54.509'	W 073°	08.724'	
P' 0.17	dp 1	37.400	55 CON	****	00 8401	
Pin Oak Lane	CB 1	N 40°		W 073°	09.769'	
	CB 2	N 40°	53.702'		09.751'	
	CB 3	N 40°		W 073°	09.756'	
	LB 1	N 40°	53.678'	W 073°	09.765	
•						
Piper Lane	CB 1	N 40°	54 240'	W 073°	09.960'	
Tipot Batto	CB 1 CB 2	N 40°	54.240'		09.956'	
	CB 2 CB 3	N 40°		W 073°	10.004'	
	CB 4	N 40°	54.266'	W 073°	10.002'	
	CB 5	N 40°	54.345	W 073°	10.002	
	CB 6	N 40°		W 073°	10.048	
	CDO	11 40	34.340	W 073	10.049	
Rhododendron Road	LB l	N 40°	54.568'	W 073°	08.744'	
	22 (11 10	D 11000	11 015	001111	
Robin Hill Lane	LB 1	N 40°	53.987'	W 073°	10.031'	
	LB 2	N 40°	53.9811		10.025'	
	LB 3	N 40°	54.081'		10.009'	
	LB 4	N 40°	54.104'	W 073°	10.011'	
Saddle Road	CB 1	N 40°	54.704'	W 073°	08.785	
		`				.

ROAD	STRUCTUR	E LONG	ITUDE	LATI	TUDE	LAST CLEANED
Saneck Drive	CB 2	N 40°	54.303'	W 073°	09.3401	
	LB 1	N 40°	54.3031	W 073°	09.391'	
	LB 10	N 40°	54.298'	W 073°	09,3101	
	LB 2	N 40°	54.299'	W 073°	09.389'	
	LB 3	N 40°	54.300'	W 073°	09,3901	
•	LB 4	N 40°	54.300'	W 073°	09.392'	
	LB 5	N 40°	54.299'	W 073°	09.388'	
	LB 6	N 40°	54.300'	W 073°	09.383'	
	LB 7	N 40°	54.299'	W 073°	09.357'	
	LB 8	N 40°	54.302'	W 073°	09.340'	
	LB 8	N 40°	54.000'	W 073°	09.308'	
	LB 9	N 40°	54.300'	W 073°	09.308'	
	LD9	N 40	34.300	W U/3	09,306	
Shep Jones Lane	NONE					
Thompson Hill Road	Smithtown					
	w w		**	*** 0 *** 0	00.005	
Thompson Lane	LB 1	N 40°	53.696'		09.996'	
	LB 2	N 40°	53.714'	W 073°	10.082'	
	LB 3	N 40°	53.715'	W 073°	10.085'	
There Cisters Deed	CD 1	NT 400	<i>E2 ((</i> 0)	XI 0720	00.2021	
Three Sisters Road	CB 1	N 40°	53.668'	W 073°	09.302'	
	CB 2	N 40°	53.533'	W 073°	09.507'	
	CB 3	N 40°	53.486'	W 073°	09.591'	
	CB 4	N 40°	53.431'	W 073°	09.706'	
	CB 5	N 40°	53.361'	W 073°	09.775'	
	LB 1	N 40°	53.665'	W 073°	09,304'	
	LB 2	N 40°	53.530'	W 073°	09.513'	
	LB 3	N 40°	53.492'	W 073°	09.592'	
	LB 4	N 40°	53.426'	W 073°	09.710	
	STCB 1	N 40°	53.435'	W 073°	09.716'	
	STCB 2	N 40°	53.356'	W 073°	09.773'	
Timothy I and	CB 1	N 40°	53.073'	W 073°	10.088'	
Timothy Lane						
	CB 2	N 40°	53.073'	W 073°	10,086'	
	LB 1	N 40°	53.082'	W 073°	10.090'	
	LB 2	N 40°	53.085'	W 073°	10.094'	
Valleywood Court East	LB 1	N 40°	54.107	W 073°	09.278'	
Tancy Wood Court East	LB 1	N 40°	54.101'	W 073°	09.278	5
	LB 2 LB 3	N 40°	54.101	W 073°	09.272	
	LB 3		54.092	W 073°		
	LD 4	N 40°	34.09/	W 0/3	09.265'	
Valleywood Court West	LB 1	N 40°	54.109'	W 073°	09.590'	

ROAD	STRUCTU	RE LONG	GITUDE	LATI	TUDE	LAST CLEANED
Victoria Court	LB 1	N 40°	54.337'	W 073°	09.318'	
	LB 2	N 40°	54.334'	W 073°	09.307'	
Watercrest Court	CB 1	N 40°	53.321	W 073°	10,012'	
	CB 2	N 40°	53.320'	W 073°	10.009'	
	CB 3	N 40°	53.381'	W 073°	09.987'	
	CB 4	N 40°	53.384'	W 073°	09.9781	
	LB 1	N 40°	53.319'		10.009'	
	LB 2	N 40°	53.351'	W 073°	09.978'	
	LB 3	N 40°	53.3501	W 073°	09.987'	
	LB 4	N 40°	53.3781	W 073°	09.986'	•
	LB 5	N 40°	53.378'		09.986'	
Wetherill Lane	LB I	N 40°	53.344'	W 073°	10.183'	
With the state of	LB 2	N 40°	53.339'		10.183'	
	LB 3	N 40°	53.356'	W 073°	10.198'	
	LB 4	N 40°	53.352'	W 073°	10.195'	
	LB 5	N 40°		W 073°	10.216'	
		2, ,,		/-		
Wicks Lane	CB 1	N 40°	52.961'	W 073°	10.335'	
WICKS Ettile	CB 2	N 40°	52,959'		10,330'	
	CB 3	N 40°	52.983	W 073°	10.279'	
	CB 4	N 40°	52.979	W 073°	10.277'	
	CB 5	N 40°	52,950	W 073°	10.204	
	CB 6	N 40°	52.950	W 073°	10.207'	
	CB 7	N 40°	52.894	W 073°	10.183'	
	CB 8	N 40°	52.894'	W 073°	10.183'	
			2.2.02	., .,		
Woodlot	LB 1	N 40°	54.362'	W 073°	09.648'	
11 002101	LB 2	N 40°	54,420'	W 073°	09.711'	
	LB 3	N 40°	54.418'	W 073°	09.719'	
	LB 4	N 40°	54.469'	W 073°	09.833	
	LB 5	N 40°	54.471'	W 073°	09.833	
	LB 6	N 40°	54.469'	W 073°	09.827	
	LB 7	N 40°	54.469'	W 073°	09.867	
	LB 8	N 40°	54.472'	W 073°	09.869'	

APPENDIX K Street Sweeping Log

Fox Meadow Rd.

Harbor Hill Road

Harbor Road (Cordwood-Harbor Hill Rd.)

Harbor Road (Harbor Hill-Hitherbrook Rd.)

Friends Way

Gate Road

LAST SWEPT

Harbor Road (Bacon-D	uck Pond)			
High Hedges Court				
Highland Ave.				
Hilltop Court				
Hitherbrook Road				
The Hunt				
Meadow Gate East				
Meadow Gate West				
Mill Creek Lane				
Moriches Road				
Muffins Meadow				
Nadia Court				
Oak Ridge Road				
Pin Oak Lane				
Piper Lane				
Rhododendron Road				
Robin Hill Lane				
Saddle Road				
Saneck Drive				
Shep Jones Lane				
Thompson Hill Road				
Thompson Lane				
Three Sisters Road			N	
Timothy Lane				
Valleywood Court East				
Valleywood Court West	6			

Watercrest Court

Wetherill Lane

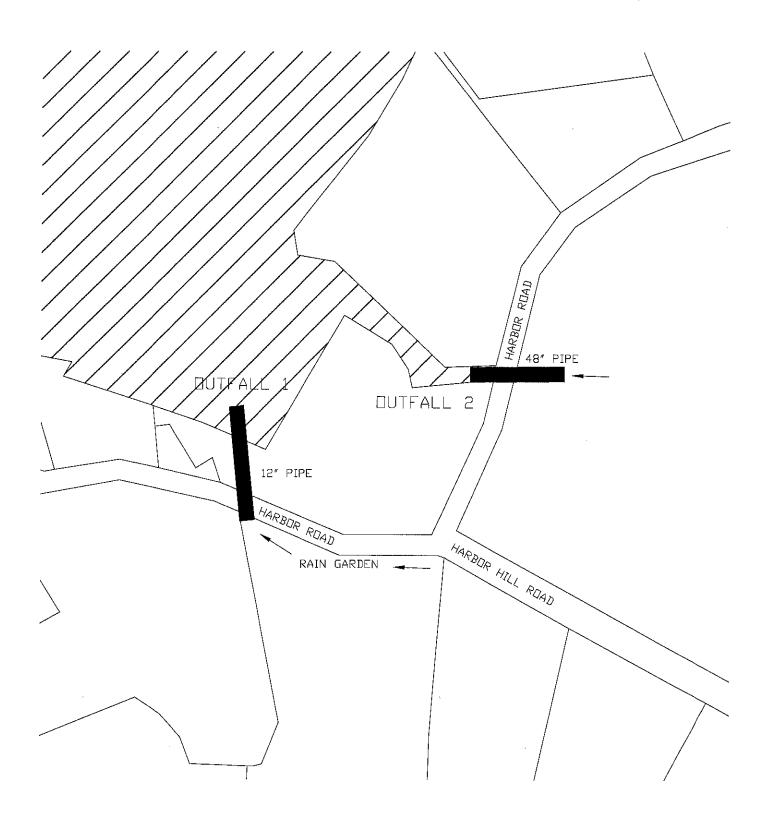
Wicks Lane

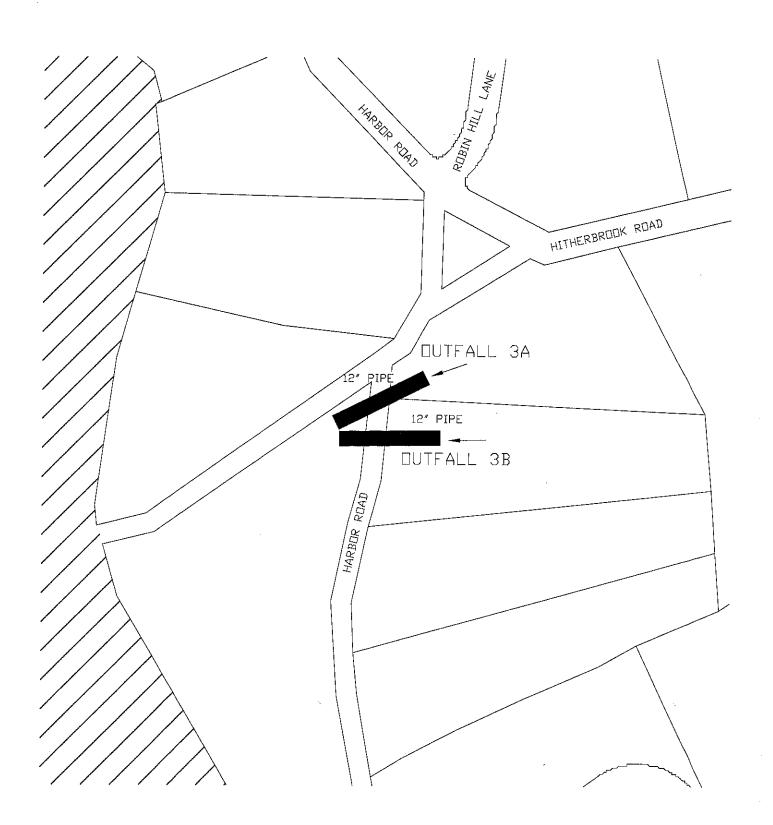
Woodlot

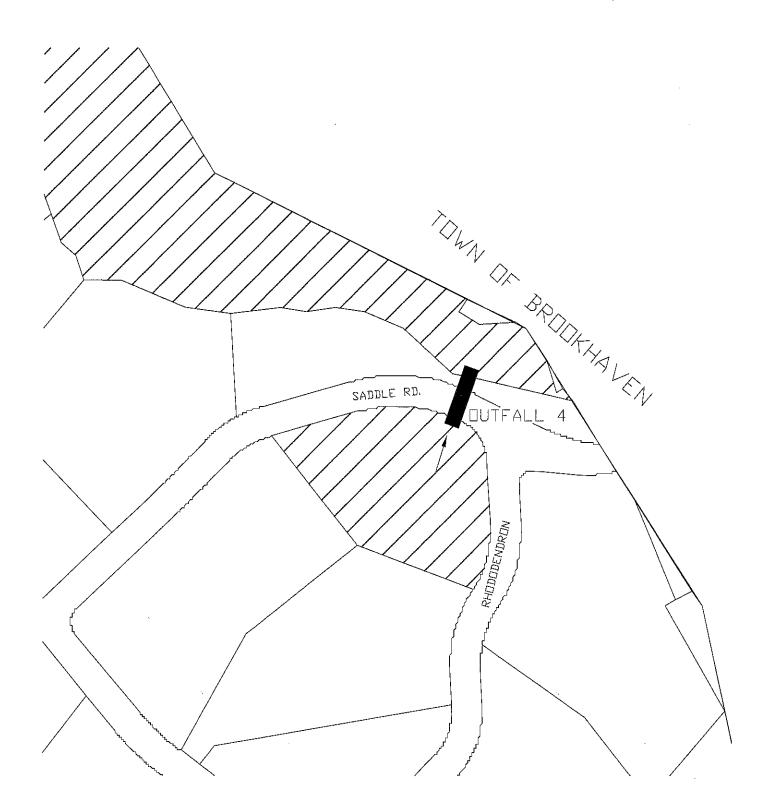
APPENDIX L Outfall Inspection Log

Village of Head of the Harbor Outfall Inventory

Refer to Drainage i	Vlap Date of Inve	entory: 1-6-22 Last Rain Event: 1-5-22
Outfall #	Odor	Visual
1	None	CIKNY
2	Nove	CIERE
3a	Nowe	Classic XX
3b	DONE	CIENV
4	Nonx	MEIAR
By: Kv	iank Prinzeweall	
	Date of Inventory:	Last Rain Event:
Outfall #	Odor	Visual
1		
2	·	
3a		
3b		
4		
Ву:		Date:
	Date of Inventory:	Last Rain Event:
Outfall #	Odor	Visual
1	Cuoi	Visual
2		
3a		
3b		
4		
Ву:		Date:
		Jacc.
	Date of Inventory:	Last Rain Event:
Outfall #		
Outfall #	Date of Inventory:	Last Rain Event:
	Date of Inventory:	Last Rain Event:
1	Date of Inventory:	Last Rain Event: Visual
1 2	Date of Inventory:	Last Rain Event: Visual
1 2 3a	Date of Inventory: Odor	Last Rain Event: Visual







APPENDIX M Third Party Certification Statement

VILLAGE OF HEAD OF THE HARBOR STORMWATER MANAGEMENT PLAN THIRD PARTY CERTIFICATION STATEMENT

The Village of Head of The Harbor, in order to fulfill its requirements under NYS Phase II regulations (New York State Pollutant Discharge Elimination System ("SPDES") General Permit for Stormwater Discharge from Municipal Separate Storm Sewer Systems (GP-0-08-002), requires all contractors, who provide services to the Village of Head of The Harbor and all contractors, who are involved in private development, and whose services may cause discharge of product into water bodies, drainage structures, water courses or any may cause discharge of product into areas that may eventually lead to water bodies, drainage structures, water courses to comply with permit requirements applicable to the work performed.

The undersigned certifies that: Provide assurances that he and/or company will comply with permit requirements. The activities that he and/or company will be responsible for includes: (The Village will list the specific activity(ies) that are covered by this certification. Description of the work and location of the work to be performed: (The Village will list the work and location that are covered by this certification. Name and Title of person providing the signature below Name of entity Address of entity Telephone number of entity Signature Date

APPENDIX N Construction Stormwater Inspection Manual



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Construction Stormwater Inspection Manual

Primarily for Government Inspectors Evaluating Compliance with Construction Stormwater Control Requirements

New York State
Department of Environmental Conservation

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Version 1.05 (8/27/07)

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1.0 INTRODUCTION AND PURPOSE

The New York State Department of Environmental Conservation Division of Water (DOW) considers there to be two types of inspections germane to construction stormwater; compliance inspections and self-inspections.

This manual is for use by DOW and other regulatory oversight construction stormwater inspectors in performing compliance inspections, as well as for site operators in performing self inspections. The manual should be used in conjunction with the *New York State Standards and Specifications for Erosion and Sediment Control*, August 2005.

1.1 Compliance Inspections

Regulatory compliance inspections are performed by regulatory oversight authorities such as DOW staff, or representatives of DOW and local municipal construction stormwater inspectors. These inspections are intended to determine compliance with the state or local requirements for control of construction stormwater through erosion and sediment control and post construction practices. Compliance inspections focus on determinations of compliance with legal and water quality standards. Typically, compliance inspections can be further sub-categorized to include comprehensive inspections, and follow-up or reconnaissance inspections.

Compliance inspectors will focus on determining whether:

- the project is causing water quality standard violations;
- the required Stormwater Pollution Prevention Plan (SWPPP) includes appropriate erosion and sediment controls and, to some extent, post construction controls;
- the owner/operator is complying with the SWPPP;
- where required, self-inspections are being properly performed; and
- where self-inspections are required, the owner/operator responds appropriately to the self-inspector's reports.

1.1.1 Comprehensive Inspection

Comprehensive inspections are designed to verify permittee compliance with all applicable regulatory requirements, effluent controls, and compliance schedules. This inspection involves records reviews, visual observations, and evaluations of management practices, effluents, and receiving waters.

Comprehensive inspections should be conducted according to a neutral or random inspection scheme, or in accordance with established priorities. A neutral monitoring scheme provides some objective basis for scheduling inspections and sampling visits by establishing a system (whether complex factor-based, alphabetic, or geographic) for setting priorities to ensure that a particular facility is not unfairly selected for inspection or sampling. The selection of which

facility to inspect must be made without bias to ensure that the regulatory oversight authority, if challenged for being arbitrary and capricious manner, can reasonably defend itself.

A neutral inspection scheme should set the criteria the inspector uses to choose which facilities to inspect, but the schedule for the actual inspection should remain confidential, and may be kept separate from the neutral plan.

A routine comprehensive compliance inspection is most effective when it is unannounced or conducted with very little advance warning.

1.1.2 Reconnaissance Inspection

A reconnaissance inspection is performed in lieu of, or following a comprehensive inspection to obtain a preliminary overview of an owner/operator's compliance program, to respond to a citizen complaint, or to assess a non-permitted site. The inspector performs a brief (generally about an hour) visual inspection of the site, discharges and receiving waters. A reconnaissance inspection uses the inspector's experience and judgement to summarize potential compliance problems, without conducting a full comprehensive inspection. The objective of a reconnaissance inspection is to expand inspection coverage without increasing inspection resource expenditures. The reconnaissance inspection is the shortest and least resource intensive of all inspections.

Reconnaissance inspections may be initiated in response to known or suspected violations, a public complaint, a violation of regulatory requirements, or as follow-up to verify that necessary actions were taken in response to a previous inspection.

1.2 Self-inspections

For some projects, the site owner/operator is required by their State Pollutant Discharge Elimination System (SPDES) Permit and/or local requirements to have a qualified professional perform a "self-inspection" at the site. In self-inspections, the qualified professional determines whether the site is being managed in accordance with the SWPPP, and whether the SWPPP's recommended erosion and sediment controls are effective. If activities are not in accordance with the SWPPP, or if the SWPPP erosion and sediment controls are not effective, the qualified professional inspecting the site recommends corrections to the owner/operator.

¹ A "Qualified professional" is a person knowledgeable in the principles and practice of erosion and sediment controls, such as a licensed professional engineer, Certified Professional in Erosion and Sediment Control (CPESC), licensed landscape architect or soil scientist.

2.0 PRE-INSPECTION ACTIVITIES

2.1 Regulatory Oversight Authorities

This section is intended for inspectors with regulatory oversight authority such as agents of the DOW or a local municipality, or others acting on their behalf, such as county Soil and Water Conservation District staff. Examples of other regulatory oversight authorities include: the United States Environmental Protection Agency (EPA); New York City Department of Environmental Protection (DEP), Adirondack Park Agency (APA); the Lake George Park Commission (LGPC), and the Skaneateles Lake Watershed Authority (SLWA). Before arriving on-site to conduct the inspection, considerations concerning communication, documentation and equipment must be made.

Regulatory oversight authority is granted by state or local law to government agencies or, depending upon the particular law, an authorized representative of state or local government. SPDES rules 6 NYCRR 750-2.3 and Environmental Conservation Law 17-0303(6) and 17-0829(a) all allow for authorized representatives of the (NYSDEC) commissioner to perform all the duties of an inspector.

2.1.1 Communication

Coordination with Other Entities

Where appropriate, prior to selecting sites for inspection, compliance inspectors should communicate with other regulatory oversight authorities to avoid unnecessary duplication or to coordinate follow-up to inspections performed by other regulatory oversight authorities.

Announced vs. Unannounced Inspection

Inspections may be announced or unannounced. Each method has its own advantages and disadvantages. Unannounced inspections are preferred, however many job sites are not continuously manned, or not always staffed by someone who is familiar with the SWPPP, thus necessitating an announced inspection. As an alternative, when an announced inspection is necessary, inspectors should try to give as little advanced warning as possible (24 hours is suggested).

Itinerary

For obvious safety reasons, inspectors should be sure to inform someone in their office which site or sites they will be visiting prior to leaving the to perform inspections.

2.1.2 Documentation

Data Review

The inspector should review any available information such as:

- Notice of Intent
- Stormwater Pollution Prevention Plan
- Past inspection records
- Phasing plan

- Construction sequence
- Inspection and Maintenance schedules
- Site specific issues
- Consent Orders
- Access agreements

Inspection Form

The inspector should have copies of, and be familiar with, the inspection form used by their regulatory oversight authority (example in Attachment 1) before leaving the office. Static information such as name, location and permit number can be entered onto the inspection form prior to arriving at the inspection site.

Credentials

Inspectors should always carry proper identification to prove that they are employed by an entity with jurisdictional authority. Failure to display proper credentials may be legal grounds for denial of entry to a site.

2.1.3 Equipment

Personal Protective Equipment

DOW employees must conform to the DOW Health and Safety policy as it relates to personal protective equipment. Other regulatory oversight authorities should have their own safety policies or, if not, may wish to consult the OSHA health and safety tool at: www.osha.gov/dep/etools/ehasp/ to develop a health and safety plan.

The following is a list of some of the most common health and safety gear that may be needed:

- Hard hat (Class G, Type1 or better)
- Safety toe shoes
- Reflective vest
- Hearing protection (to achieve 85 dBA 8 hr TWA)
- Safety glasses with side shields

If the construction is on an industrial site or a hazardous waste site, special training may be required prior to entering the site. The inspector should consult with OSHA or NYSDEC prior to entering such a site.

Monitoring Equipment

The following is a list of some equipment that may be helpful to document facts and verify compliance:

- Digital Camera
- Measuring tape or wheel
- Hand level or clinometer
- Turbidity meter (in limited circumstances)

2.2 Permittee's Self-inspection

This section is intended for qualified professionals who conduct site self-inspections on behalf of owner/operators. Self-inspectors are responsible for performing inspections in accordance with permit requirements and reporting to site owners and operators the results and any recommendations resulting from the inspection.

Prior to conducting inspections, qualified professionals should ensure familiarity with the Stormwater Pollution Prevention Plan and previous inspection reports.

3.0 ON-SITE INSPECTION PROCESS

3.1 Compliance Inspections

3.1.1 Professionalism

Don't Pretend to Possess Knowledge

Unless the inspector has experience with a particular management practice, do not pretend to possess knowledge. Inspectors cannot be expert in all areas; their job is to collect information, not to demonstrate superior wisdom. Site operators are often willing to talk to someone who is inquisitive and interested. Within reason, asking questions to obtain new information about a management practice, construction technique or piece of equipment is one of the inspector's main roles in an inspection.

Don't Recommend Solutions

The inspector should not recommend solutions or endorse products. The solution to a compliance problem may appear obvious based on the inspector's experience. However, the responsibility should be placed on the site owner to implement a workable solution to a compliance problem that meets NYSDEC standards. The inspector should refer the site operator to the New York Standards and Specifications for Erosion and Sediment Control (the Blue Book) or the New York State Stormwater Management Design Manual (the Design Manual).

Key advice must be offered carefully. One experienced stormwater inspector suggests saying: "I can't direct you or make recommendations, but what we've seen work in other situations is ..."

The way inspectors present themselves is important to the effectiveness of the inspection. An inspector cannot be overly familiar, but will be more effective if able to establish a minimum level of communication.

3.1.2 Safety

DOW employees must conform to Division health and safety policies when on a construction site. Other regulatory oversight authorities should have their own safety policies or, if not, may

wish to consult the OSHA health and safety tool at:

www.osha.gov/dep/etools/ehasp to develop a health and safety plan.

Some general protections for construction sites are:

- Beware of heavy equipment, avoid operator blind spots and make sure of operator eye contact around heavy equipment.
- Avoid walking on rock rip-rap if possible. Loose rock presents a slip hazard.
- Stay out of confined spaces like tanks, trenches and foundation holes.
- Avoid lightning danger. Monitor weather conditions, get out of water, avoid open areas and high points, do not huddle in groups or near trees.
- Protect yourself from sun and heat exposure. Use sun screen or shading clothing. Remain hydrated by drinking water, watching for signs of heat cramps, exhaustion (fatigue, nausea, dizziness, headache, cool or moist skin), or stroke (high body temperature; red, hot and dry skin)
- Protect yourself from cold weather. Wear multiple layers of thin clothing. Wear a warm hat. Drink warm fluids or eat hot foods, and keep dry.
- Avoid scaffolding in excess of 4 feet above grade.
- Beware of ticks, stinging insects, snakes and poison ivy or sumac.

3.1.3 Legal access

DOW has general powers, set forth under ECL 17-0303, subparagraph 6, to enter premises for inspections. In addition, ECL 3-0301.2 conveys general statutory authority granting the DOW the power to access private property to fulfill DOW obligations under the law.

ECL 15-0305 gives the DOW the authority to enter at all times in or upon any property, public or private, for the purpose of inspecting or investigating conditions affecting the construction of improvements to or developments of water resources for the public health, safety or welfare.

ECL 17-0829 allows an authorized DOW representative, upon presentation of their credentials, to enter upon any premises where any effluent source is located, or in which records are required to be maintained. The representative may at reasonable times have access to, and sample discharges/pollutants to the waters or to publicly owned treatment plants where the effluent source is located. This subparagraph provides DOW representatives performing their duties authority to enter a site to pursue administrative violations. Pursuing criminal violations may require a warrant or the owner's permission to enter the site.

For sites that are permitted, DOW has authority under the permit to enter the site.

If the owner/operator's representatives onsite deny access, the inspector *should not* physically force entry. Under these circumstances the attorney representing the inspector should be immediately notified and consideration should be given to soliciting the aid of a law officer to obtain entry.

DOW staff have the right to enter at any reasonable time. If no one is available, and the site is fenced or posted, DOW staff should make all reasonable efforts to identify, contact and notify the owner that the DOW is entering the site. If the inspector has made all reasonable efforts to contact site owners, but was unable to do so, the site can then be accessed. All efforts should be taken not to cause any damage to the facility.

Other regulatory oversight authorities should seek advice on their legal authorities to enter a job site. Municipalities that have adopted Article 6 of the New York State Sample Local Law for Stormwater Management and Erosion and Sediment Control (NYSDEC, 2004, updated 2006) will have legal authority to enter sites in accordance with that chapter and any other existing municipal authority.

Agents of DOW have authority similar DOW staff authority to enter sites. However, DOW staff enjoy significant personal liability protections as state employees. That liability protection may not be the same for authorized representatives of DOW. For authorized representatives of DOW (or other regulatory oversight authorities), it is prudent to obtain permission to enter the site. If such permission is denied, the authorized representatives should inform the appropriate DOW contact, usually the regional water manager.

3.1.4 Find the Legally Responsible Party (Construction Manager, Self-inspector)

The first action a compliance inspector should take upon entering a construction site is to find the construction trailer or the construction or project manager if they are available. The inspector should present appropriate identification to the site's responsible party and state the reason for the inspection; construction stormwater complaint response or neutral construction stormwater inspection. If the inspection is initiated as a response to a complaint, frequently the responsible party will ask who made the complaint. DOW keeps private individual complainants confidential. If the complainant is another regulatory oversight authority, DOW tends to make that known to the site's responsible party.

3.1.5 On-site records review (NOI, SWPPP, Self-inspection Reports, Permit)

Generally, the compliance inspector should next review the on-site records. Verify that a copy of the construction stormwater permit and NOI are on-site. Verify that the acreage, site conditions, and receiving water listed on the NOI are accurate. Compare the on-site documentation with documentation already submitted to, or obtained by the compliance inspector.

If the SWPPP has not been reviewed in the office, verify that it exists and contains the minimum required components (16 for a basic plan and 22 for a full plan). On-site review of the SWPPP should determine if: there is an appropriate phasing plan; the acreage disturbed in each phase, construction sequence for each phase; proposed implementation of erosion and sediment control measures; and, where required, post construction controls. For each of the erosion and sediment control practices, the SWPPP must show design details in accordance with the NYS Standards for Erosion and Sediment Controls. The SWPPP must also include provisions for maintenance of practices during construction. On-site review of post construction controls is generally limited to verification that the proposed stormwater management practices are shown on the site plan.

Where self-inspections are required, self-inspection reports are a significant tool for the compliance inspector to determine the performance history of the site. The self-inspection reports should be done with the required frequency. Self-inspection reports must include all the details required by the permit. Generally, it is desirable for permit information to be shown on a site plan. The compliance inspector should become familiar with the report and use that familiarity to judge whether the self-inspections are being performed correctly and that the site operator is correcting deficiencies noted in the report.

3.1.6 Walk the Site

During wet weather conditions, it may be advantageous to observe the receiving waters prior to walking the rest of the site. At some point during the inspection, the receiving water conditions must be observed and noted. It is critical to note if there is a substantial visible contrast to natural conditions, or evidence of deposition, streambank erosion, construction debris or waste materials (e.g. concrete washdown) in the receiving stream.

Each inspector should evaluate actual implementation and maintenance of practices on-site compared to how implementation and maintenance is detailed in the SWPPP. At a minimum, the compliance inspector should observe all areas of active construction. Observing equipment or materials storage, recently stabilized areas, or stockpile areas is also appropriate to evaluate the effectiveness of management practices.

3.1.7 Taking Photographs

Evidence of poor receiving water conditions and poor or ineffective practices should be documented with digital photographs. Those photographs should be logged date stamped and stored on media that cannot be edited (e.g. write only CDs). Photos should also be appended to the site inspector's report.

It is also beneficial to take photographs of good practices for educational and technology transfer reasons.

3.1.8 Exit Interview

Clearly communicate expectations and consequences. If it is clear from the inspection that the owner/operator must modify the SWPPP, or modify management practices within an assigned period (e.g. 24 hours, 48 hours, one week, two weeks), then that finding should be communicated at the time of the exit interview. The inspector should assign the period based on factors such as how long it would reasonably take to complete such modifications and the level of risk to water quality associated with failure to make such modifications.

The inspector should make clear that NYSDEC reserves rights to future enforcement actions. If the inspector's supervisor or enforcement coordinator determines additional enforcement actions are necessary, the inspector *should not* reassure the owner/operator that the current situation is acceptable.

3.2 Non-permitted Site Inspections

For sites not authorized in accordance with state or local laws, the process will be abbreviated. First verify the need for authorization and observe receiving waters to detect water quality standard violations. If there is a violation, notify the owner of the violation or other compliance actions in response to their illicit activity. For DOW staff, Attachment 2 or a similar notice can be used to notify the site owner/operator that stormwater authorization is required.

3.3 Self-inspections

The role of the self-inspector is to verify that the site is complying with stormwater requirements. In particular, the self-inspector verifies that the SWPPP is being properly implemented. The self-inspector also documents SWPPP implementation so regulatory agencies can review implementation activities.

It is <u>not</u> the role of the self-inspector to report directly to regulatory authorities.

Appendix H of *The New York Standards and Specifications for Erosion and Sediment Control* - August 2005 (the Blue Book) includes a Construction Duration Inspection checklist that can be used by the owner/operators qualified professional for self-inspections. The Blue Book is available on the NYSDEC website.

3.3.1 Purpose

The self inspector should ensure that the project's SWPPP is being properly implemented. This includes ensuring that the erosion and sediment control practices are properly installed and being maintained in accordance with the SWPPP/Blue Book.

The project must be properly phased to limit the disturbance to less than five acres, and the construction sequence for each phase must be followed. The SWPPP must also be modified to address evolving circumstances. Finally, and most importantly, receiving waters must be protected.

If a soil disturbance will be greater than five acres at any given time, the site operator must obtain written permission from the DOW regional office.

3.3.2 Pre-construction Conference

The parties responsible for various aspects of stormwater compliance should be identified at the pre-construction conference. Responsible parties may include, but are not limited to, owner's engineer, owner/operator/permittee, contractors, and subcontractors.

Typical responsibilities include: installation of erosion and sediment control (E & SC) practices; maintenance of E & SC practices, inspection of E&SC practices, installation of post construction stormwater management practices (SMPs), inspection of post construction SMPs, SWPPP revisions, and contractor direction.

All parties should clearly know what is expected of them. Responsible parties should complete the Pre-construction Site Assessment Checklist provided in Appendix H of the Blue Book.

3.3.3 Inspection Preparation

The inspector should review the project's SWPPP (including the phasing plan, construction sequence and site specific issues) and the last few inspection reports (if the inspector has them available).

3.3.4 Self-inspection Components

Inspect installation, performance and maintenance of all E&SC practices

The self inspector should inspect all areas that are under active construction or disturbance and areas that are vulnerable to erosion. The self-inspector should also inspect areas that will be disturbed prior to the next inspection for measures required prior to construction (e.g. silt barriers, stabilized construction entrance, diversions). Finally, self-inspectors should inspect post-construction controls during and after installation.

<u>Identify site deficiencies and corrective measures</u>

The self-inspector's reports must be maintained in a log book on site and the log book must be made available to the regulatory authorities. Although the legal responsibility for filing a Notice of Termination lies with the owner/operator, the self-inspector may also be called upon to perform a final site inspection, including post construction SMPs, prior to filing the Notice of Termination.

4.0 POST-INSPECTION ACTIVITIES

4.1 Regulatory Oversight Authorities

This section is intended for inspectors with regulatory oversight authority such as agents of the DOW or a local municipality, or others acting on their behalf (such as County Soil and Water Conservation District staff.) Upon completion of an inspection, inspection results should be documented for the record.

4.1.1 Written Notification

The inspector should inform the permittee or the on-site representative of their inspection results in writing by sending the permittee a complete, signed copy of the inspection report. The inspection report should be transmitted under a cover letter which elaborates on any deficiencies noted in the inspection report. It is not a good idea to commend exceptional efforts by the owner/operator in a letter, because such letters tend to undermine enforcement efforts when compliance status at a site degrades.

The inspector should consider providing a copy of the cover letter and inspection report to other parties with including:

- Permittee
- Contractor(s)
- Other regulatory oversight authorities
- Other parties present during the inspection (e.g. SWPPP preparer, permittee's self-inspector, etc.)

For DOW staff, an example of the inspection cover letter is included as Attachment 3.

4.1.2 Inspection Tracking

DOW staff must enter their inspection results into the electronic Water Compliance System.

Local municipalities and other regulatory oversight authorities are encouraged to develop an electronic tracking system in which to record their inspections.

4.2 Permittee's Self-inspections

This section is intended for qualified professionals who conduct site inspections for permittees in accordance with a SPDES permit or local requirements.

4.2.1 Written Records

Inspection Reports

The inspector shall prepare a written report summarizing inspection results. The inspection report is then provided to the permittee, or the permittee's duly authorized representative, and to the contractor responsible for implementing stormwater controls on-site in order to correct deficiencies noted in the inspection report. Finally, the inspection report must be added to the site log book that is required to be maintained on-site, and be available to regulatory oversight authorities for review.

4.2.2 Stormwater Pollution Prevention Plan Revisions

The inspector must inform the permittee of his/her duty to amend the Stormwater Pollution Prevention Plan (SWPPP) whenever an inspection proves the SWPPP to be ineffective in:

- Eliminating or significantly minimizing pollutants from on-site sources
- Achieving the general objectives of controlling pollutants in stormwater discharges from permitted construction activity
- Eliminating discharges that cause a substantial visible contrast to natural conditions

ATTACHMENT 1

Construction Stormwater Compliance Inspection Report

Project Name and Location:

Date: Page 1 of 2

Permit # (if any): NYR

Entry Time: Exit Time:

On-site Representative(s) and contact information:

Weather Conditions:

Name and Address of SPDES Permittee/Title/Phone/Fax Numbers: Contacted: Yes □ No □

Does the SWPPP identify the contractor(s) and subcontractor(s) responsible for each measure? Does the SWPPP include all the necessary 'CONTRACTOR CERTIFICATION' statements? Is the SWPPP signed/certified by the permittee? Record/keeping Yes No N/A Are inspections performed as required by the permit (every 7 days and after ½" rain event)? Are the site inspections performed by a qualified professional? Are all required reports properly signed/certified? Does the SWPPP include copies of the monthly/quarterly written summaries of compliance status? Visual Observations Yes No N/A Are all crosion and sediment control measures installed/constructed? Are all crosion and sediment control measures maintained properly? Are all crosion and sediment control measures maintained properly? Are all disturbances of 5 acres or more been approved prior to the disturbance? Are all disturbances initiated in inactive areas? Are permanent stormwater control measures implemented? Was there a discharge into the receiving water on the day of inspection? Are receiving waters free of there evidence of turbidity, sedimentation, or oil? (If no , complete Page 2) Overall Inspection Rating: Signature of Lead Inspector:	C	On-site Representative(s) and contact information: Weather Conditions:						
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Law, rule or permit citation Law, rule or permit citation	э,	_	_	_	is a copy of the SPDES General Permit retained at the construction site?			
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Does the SWPPP describe and identify the erosion & sediment control measures to be employed?							Y	
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Water Quality Observations	1 age 2 of 2
Describe the discharge(s) [source(s), impact on receiving water(s), etc.]	
Describe the discharge(s) [source(s), impact of receiving watch(s), etc.]	
Describe the quality of the receiving water(s) both upstream and downstream of the discharge	
Describe any other water quality standards or permit violations	
Additional Comments:	
	-
	.,

ATTACHMENT 2

**** NOTICE ****

On March 10, 2003, provisions of the Federal Clean Water Act went into effect that apply to many construction operations.

If your construction operations result in the disturbance of one acre or greater and stormwater runoff from your site reaches surface waters (i.e., lake, stream, road side ditch, swale, storm sewer system, etc.), the stormwater runoff from your site must be covered by a State Pollutant Discharge Elimination System (SPDES) Permit issued by the New York State Department of Environmental Conservation (NYSDEC).

To facilitate your compliance with the law, NYSDEC has issued a General Permit which may be applicable to your project. To obtain coverage under this General Permit, you need to prepare a Stormwater Pollution Prevention Plan (SWPPP) and then file a Notice of Intent (NOI) to the NYSDEC headquarters in Albany. The NOI form is available on the DEC website. You may also obtain a copy of the NOI form at the nearest NYSDEC regional offices.

When you file your NOI you are certifying that you have developed a SWPPP and that it will be implemented prior to commencing construction. When you submit the NOI you need to indicate if your SWPPP is in conformance with published NYSDEC technical standards; if it is, your SPDES permit coverage will be effective in as few as five business days. If your SWPPP does not conform to the DEC technical standards, coverage will not be available for at least 60 business days.

Failure to have the required permit can result in legal actions which include Stop Work Orders and/or monetary penalties of up to \$37,500/day

If your construction operations are already in progress and you are not covered by an appropriate NYSDEC permit contact the NYSDEC Regional Water Engineer as soon as possible. If your construction field operations have not yet commenced, review the NOI and the General Permit on the DEC's website or at the DEC regional office for your area. When you are comfortable that you understand and comply with the requirements, file your NOI.

The requirement to file an NOI does not replace any local requirements. Developers/Contractors are directed to contact the Local Code Enforcement Officer or Stormwater Management Officer for local requirements.

ATTACHMENT 3

<< Date >>

Mr. John Smith 123 Main Street Ferracane, NY 12345

Re: Stormwater Inspection

SPDES Permit Identification No. NYR10Z000 (through SPDES No. GP-02-01)

Blowing Leaves Subdivision Gasper (T), Eaton (Co.)

Dear Mr. Smith:

On the afternoon of << date >> I conducted an inspection of the construction activities associated with the Blowing Leaves Subdivision located on County Route 1 in the town of Gasper, Eaton County. The inspection was conducted in the presence of you and Mr. Samuel Siltfence of Acme Excavating Co., Inc. The purpose of the inspection was to verify compliance with the State Pollutant Discharge Elimination System (SPDES) General Permit for Storm Water Discharges from Construction Activity ("the general permit").

The overall rating for the project at the time of the inspection was *unsatisfactory*. A copy of my inspection report is attached for your information. In addition to the report, I would like to elaborate on the following:

SPDES Authority

• In accordance with subdivision 750-2.1 (a) of Title 6 of the Official Compilation of Codes, Rules, and Regulations of the State of New York (6 NYCRR), a copy of your permit must be retained at the construction site. You did not have a copy of the general permit at the site.

Your failure to retain a copy of the general permit at the construction site is a violation of 6 NYCRR Part 750-2.1 (a). Please retain a copy of the general permit at the site from this point forward.

SWPPP Content

- In accordance with Part III.E.2. of the general permit, contractors and subcontractors must certify that they understand the terms and conditions of the general permit and the SWPPP before undertaking any construction activity at the site. Your SWPPP does not include a certification statement from Acme Excavating Co., Inc. The failure of your contractor to sign this certification before undertaking construction activity at the site is a violation of Part III.E.2. of the general permit. Please obtain copies of all necessary certifications and provide copies of them to each party who holds a copy of your SWPPP.
- In accordance with Part V.H.2. of the general permit, SWPPP's must be certified by the
 permittee. Your SWPPP was not certified by you. Your failure to certify your SWPPP is a

Mr. John Smith

Re: SPDES Inspection

Blowing Leaves Subdivision Gasper (T), Eaton (Co.)

<< Date >>

violation of Part V.H.2. of the general permit. Please certify your SWPPP.

Recordkeeping

- In accordance with Parts III.D.3.a. and III.D.3.b. of the general permit, permittees must have a qualified professional conduct site inspections within 24 hours of the end of 0.5" or greater rain events and at least once per week. A review of your records revealed that your "self-inspections" are only being conducted about two or three times per month. Your failure to have a qualified professional conduct inspections at the required frequency is a violation of Part III.D.3.b. of the general permit. Please immediately direct your qualified professional to conduct your site inspections at the required frequency.
- Although the frequency of self-inspections does not meet rquirements, the quality of them is
 very good. Your qualified professional has accurately noted the same SWPPP deficiencies and
 necessary maintenance activities that I also observed, and prepared thorough sketches on the
 self-inspection site maps.
- In accordance with Part V.H.2. of the general permit, the permittee must certify all reports required by the permit. A review of your records showed that your self-inspection reports were not certified. Your failure to certify your self-inspection reports is a violation of Part V.H.2. of the general permit. Please sign and certify any and all existing and future self-inspection reports.

Visual Observations

- In accordance with Parts III.A.2. and III.A.3. of the general permit, all erosion and sediment controls (E&SC) measures must be installed (as detailed in the SWPPP) prior to the initiation of construction. During the inspection, I noted all of your E&SC measures have been correctly installed at the right times and locations.
- In accordance with Part V.L. of the general permit, all of the E&SC measures at your site must be maintained properly. While on site I observed that, among other things, the section of silt fence in place parallel to County Route 1 is in various stages of disrepair. The failure of your contractor to adequately maintain the E&SC measures currently in place at your site is a violation of Part V.L of the general permit. Please direct your contractor to repair this silt fence immediately and to diligently maintain all of the other required E&SC measures as they are brought to his attention by your qualified professional.
- This inspection was conducted during a rain event which resulted in a stormwater discharge to
 the municipal separate storm sewer system (MS4) being operated by the Eaton County
 Department of Public Works. Your discharge was visibly turbid whereas upstream water MS4
 was clear. As a result, the discharge from the MS4 outfall into Karimipour Creek was causing

Mr. John Smith

Re: SPDES Inspection

Blowing Leaves Subdivision Gasper (T), Eaton (Co.)

<< Date >>

slight turbidity. Please be advised that the narrative water quality standard for turbidity in Karimipour Creek is "no increase that will cause a substantial visible contrast to natural conditions." I attribute the lack of maintenance of your E&SC measures to be the primary cause of the turbid discharge. Please be reminded that the general permit does not authorize you cause or contribute to a condition in contravention of any water quality standards.

If you have any questions or comments, please feel free to contact me at (999) 456-5432.

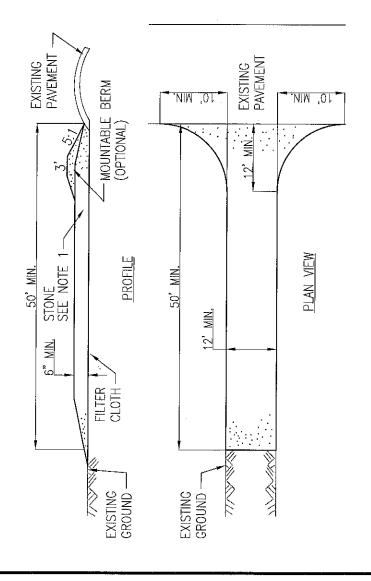
Sincerely,

Hector D. Inspector, CPESC Environmental Program Specialist 2

HDI:ms Attachment

cc w/att.: Chester Checkdam, (T) Gasper Code Enforcement Officer Samuel Siltfence, Acme Excavating Co., Inc.

APPENDIX O Construction Details



STABILIZED CONSTRUCTION ENTRANCE

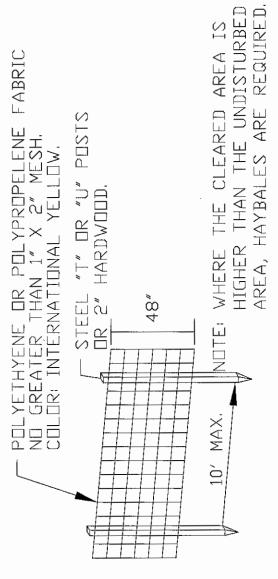
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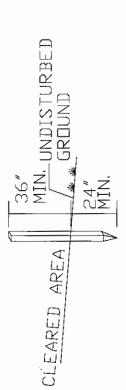
STABILIZED CONSTRUCTION SPECIFICATIONS

- 1. STONE SIZE USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
- 2. LENGTH NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
- 3. THICKNESS NOT LESS THAN SIX (6) INCHES.
- 4. WIDTH TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY—FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
- 5. FILTER CLOTH WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
- 6. SURFACE WATER ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
- 7. MAINTENANCE THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS—OF—WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACTED ONTO PUBLIC RICHTS—OF—WAY MUST BE REMOVED IMMEDIATELY.
- 8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- 9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

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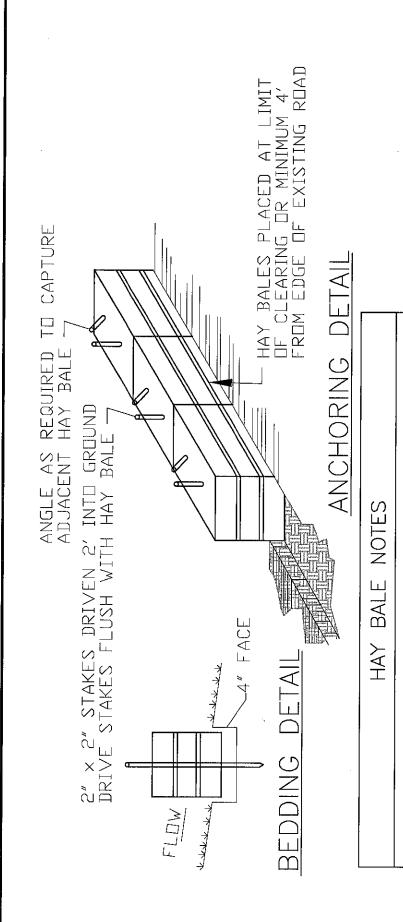
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CONSTRUCTION FENCE

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- HAY BALES ARE TO BE PLACED ALONG ROAD AND RE—SET EVERY DAY AFTER CONSTRUCTION ACTIVITY.

 THE FIRST COURSE OF HAYBALES ARE TO BE EMBEDDED 4."

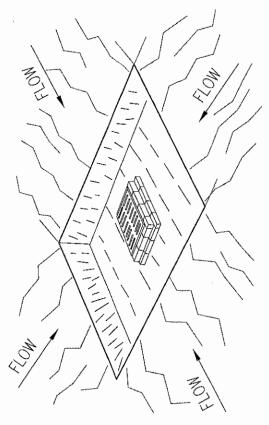
 HAY BALES ARE TO BE ANCHORED WITH TWO STAKES DRIVEN THROUGH THE HAY BALE. THE FIRST STAKE IN EACH HAY BALE IS TO BE DRIVEN AT AN ANGLE TO CAPTURE THE PREVIOUSLY PLACED HAY BALE TO FORCE THE HAY BALES TOGETHER.

 STAKES ARE TO DRIVEN FLUSH WITH THE TOP OF THE HAY BALES.

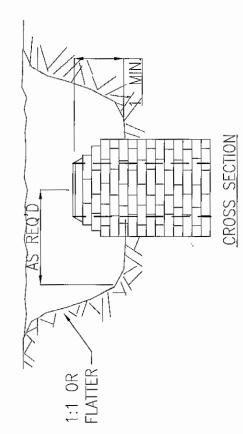
 THE HAY BALES ARE TO BE INSPECTED PRIOR TO THE START OF CONSTRUCTION EACH DAY AND PRIOR TO LEAVING THE SITE. 2.2
 - 4 10
- HAY BALES ARE NOT TO BE REMOVED EXCEPT FOR ACCESS TO THE SITE. ယ

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& EROSION	SCALE N.T.S.
SOIL	DATE 03-17-07



YARD DRAIN



CONSTRUCTION SPECIFICATIONS

- 1. SEDIMENT SHALL BE REMOVED AND THE TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO 1/2 THE DESIGN DEPTH OF THE TRAP. REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE.
- 2. THE VOLUME OF SEDIMENT STORAGE SHALL BE 1800 CUBIC FEET PER ACRE OF CONTRIBUTORY DRAINAGE.
- 3. THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED.
- 4. CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER THAT EROSION AND WATER POLLUTION SHALL BE MINIMIZED.
- 5. THE SEDIMENT TRAP SHALL BE REMOVED AND THE AREA STABILIZED WHEN THE CONSTRUCTED DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.
- 6. ALL CUT SLOPES SHALL BE 1:1 OR FLATTER.

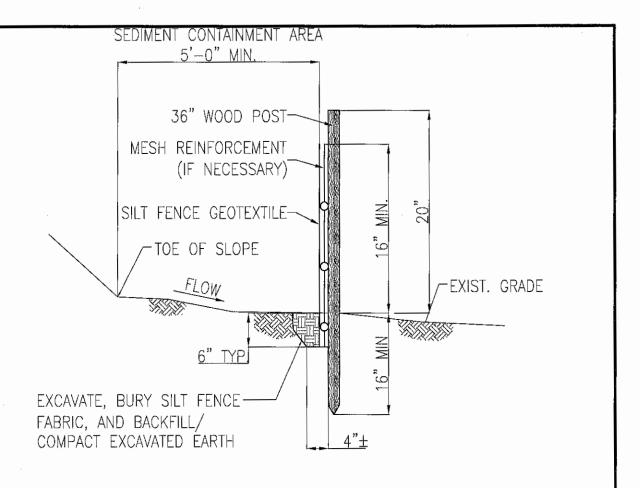
MAXIMUM DRAINAGE AREA: 3 ACRES

CATCH BASIN SEDIMENTATION TRAP

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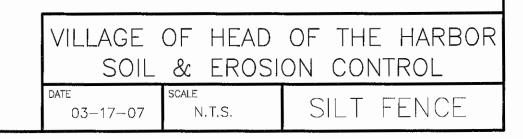
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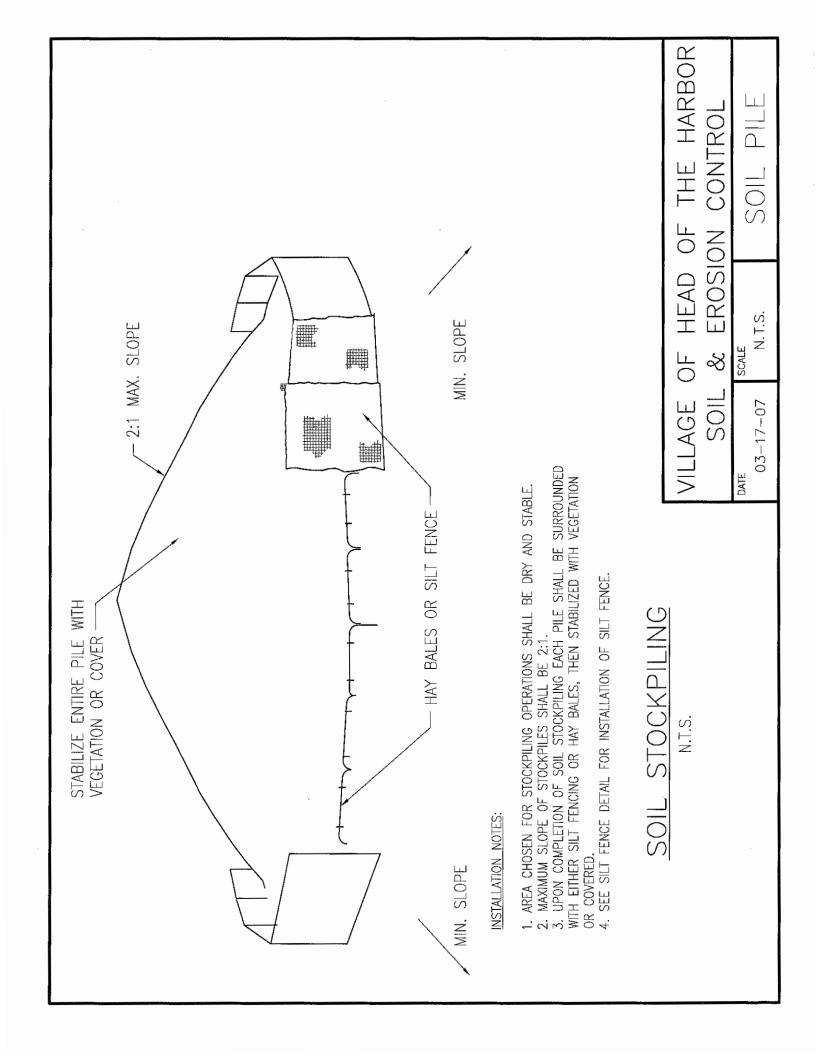


SILT FENCE SECTION

N.T.S.

- 1. SILT FENCE ASSEMBLIES SHALL BE PLACED A MINIMUM OF 5.0 FEET FROM THE TOE OF SLOPE, 10.0 FEET PREFERRED, TO PROVIDE ADEQUATE AREA FOR SEDIMENT STORAGE AND FACILITATE MAINTENANCE OF SEDIMENT CONTAINMENT AREA.
- 2. SILT FENCE GEOTEXTILE MATERIALS SHALL BE EITHER POLY-FILTER X, MIRAFI 100X, STABLINKA T140N, OR FROM THE CURRENT NEW YORK STATE DEPARTMENT OF TRANSPORTATION APPROVED LIST OF GEOSYNTHETICS FOR HIGHWAY CONSTRUCTION.
- 3. POSTS MAY BE 2"X2" (MIN.) HARDWOOD OR 2"X4" (MIN.) SOFTWOOD. POSTS SHALL BE SPACED AT EITHER 4.0 FEET OR 6.5 FEET AND MAY OR MAY NOT REQUIRE MESH REINFORCEMENT AS PER THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION APPROVED LIST OF GEOSYNTHETICS FOR HIGHWAY CONSTRUCTION.
- 4. SEDIMENT SHALL BE REMOVED WHEN ACCUMULATION REACHES ONE—HALF OF THE MEASURED HEIGHT OR AS NEEDED. SEDIMENT SHALL BE DISPOSED OF BY THE CONTRACTOR AS UNSUITABLE MATERIAL.
- 5. AFTER REMOVAL, THE AREA BENEATH SILT FENCE SHALL BE RESTORED TO ITS ORIGINAL STATE.



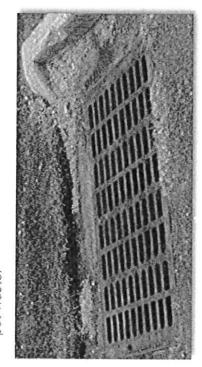


APPENDIX P Brochures

Be the Solution to Stormwater Pollution in Suffolk County

What is Stormwater Pollution?

As rain or melting snow flows over roads, driveways and lawns it can pick up pollutants like motor oil, fertilizers, litter and pet waste.



This "stormwater" that is not absorbed and filtered by the ground is not treated and usually flows into a storm drain system or directly into nearby waterbodies. This becomes stormwater pollution and can be harmful to aquatic life and create human health risks

Did You Know?

- The Environmental Protection Agency considers stormwater pollution the nation's greatest threat to clean water.
- Your daily activities such as driving a car, lawn maintenance, and waste disposal can be significant sources of stormwater pollution.
- Over 18% of all litter is swept into waterways by stormwater.
- Suffolk County maintains 420 miles of roads that contain over 6,000 storm drains.

How Does Stormwater Pollution Affect Us and the Environment?

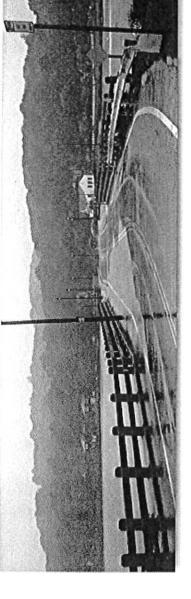
Stormwater pollution can have many adverse impacts on people, plants and aquatic life.

- Household hazardous wastes like insecticides, pesticides, paint solvents and auto fluids can poison aquatic life.
- Bacteria and pathogens from pets/ wildlife and leaking septic systems can create health hazards that result in bathing beach closures and shellfish harvest restrictions,
- Excess nutrients from lawn fertilizers can promote harmful algal blooms that lower oxygen levels in the water when they decompose. Fish and other aquatic organisms cannot live without sufficent oxygen levels.
- Litter like plastic bags, bottles and cigarette butts are unsightly and can harm, or even kill aquatic life.
- Sediment can cloud water and stress aquatic plants and animals. Excess sediment can also destroy aquatic habitats



What Suffolk County is Doing to Help Solve the Problem.

- Implementing a comprehensive Stormwater Management Program to reduce and remove sources of stormwater pollution from County owned roads, properties and facilities.
- Upgrading and expanding stormwater control methods on County roads and construction sites.
- Identifying, mapping and monitoring stormwater discharges from County roads and properties.
- Providing education and outreach services to Suffolk County residents.



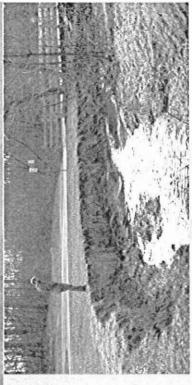
hat is stormwater rupott



impervious surfaces like driveways, sidewalks, Stormwater runoff occurs when precipitation from rain or snowmelt flows over the ground. and streets prevent stormwater from

naturally soaking into the ground.



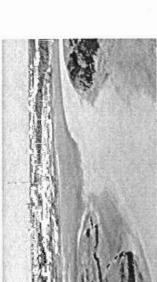


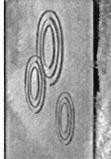
the waterbodies we use for swimming, fishing, and providing a lake, stream, river, wetland, or coastal water. Anything that pollutants and flow into a storm sewer system or directly to Stormwater can pick up debris, chemicals, dirt, and other enters a storm sewer system is discharged untreated into drinking water.

The effects of pollution



- impossible for aquatic plants to Sediment can cloud the water destroy aquatic habitats. grow. Sediment also can and make it difficult or
- they sink to the bottom and decompose in a process that removes oxygen from organisms can't exist in water with low the water. Fish and other aquatic algae blooms. When algae die, Excess nutrients can cause dissolved oxygen levels.
- Bacteria and other pathogens can wash into swimming areas and create health hazards, often making beach closures necessary.
- cigarette butts-washed into waterbodies can choke, suffocate, or disable aquatic life like ducks, fish, turtles, and birds Debris—plastic bags, six-pack rings, bottles, and
- Land animals and people can become sick or die from eating diseased solvents, used motor oil, and other auto fluids can poison aquatic life. Household hazardous wastes like insecticides, pesticides, paint, ish and shellfish or ingesting polluted water.
- sources. This, in turn, can Polluted stormwater often affect human health and increase drinking water affects drinking water treatment costs.





rinnuater Pollution Solutions Washing your car and Auto care

contain chemiculs, such as insecticides, posttoides, paint, Recycle on proporly dispose of nousehold products that Don't pour them onto the ground or into storue drains. solvents, and used notor oil and other enter Anids.

Lawn care

and gardens wash Excess fertilizers applied to lawns leaves can wash and pesticides off and pollute addition, yard clippings and streams. In



nutrients and organic matter to streams. into storm drains and contribute

- Don't overwater your lawn, Consider using a soaker hose instead of a sprinkler.
- these chemicals in the recommended amounts. Use organic mulch or safer spannely. When use is necessary, use pest control methods whenever Use pesticides and fertilizers possible
- Compost or mulch yard waste. Don't leave it in the street or sweep it into storm drains or streams.
- Cover piles of dirt or mulch being used in landscaping projects

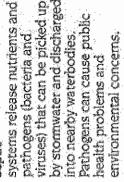
degreasing auto parts at home can send detergents and other storm sewer system, Dumping dumping the materials directly drains has the same result as automotive fluids into storm contaminants through the into a waterbody,



- recycles its wastewater, or wash your car on your yard so the water infiltrates into the Use a commercial car wash that treats or ground,
- Repair leaks and dispose of used auto fluids and batteries at designated drop-off or recycling locations.

sustems Septic

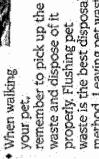
eaking and maintained SOCIAL PROPERTY.



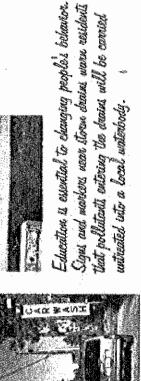
- tank as necessary (every 3 Inspect your system every 3 years and pump your to 5 years).
- waste in sinks or toilets. household hazandous Don't dispose of

Pet waste

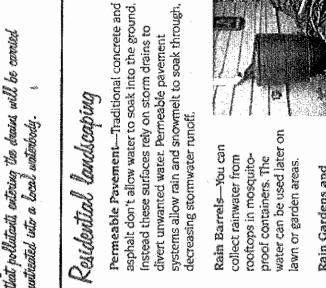
a major source of Per waste can be excess nutrients in local waters. bacteria and



method. Leaving pet waste and nutrients to wash into waste is the best disposal allowing harmful bacteria on the ground increases public health risks by eventually into local the storm drain and waterbodies



DESCRIPTION OF STATE



water can be used later on Rain Barrels—You can collect rainwater from rooftops in mosquitoproof containers. The

awn or garden areas. Rain Cardens and

with native plants can provide natural places for designed areas planted

areas can be diverted rainwater to collect ground. Rain from and soak into the

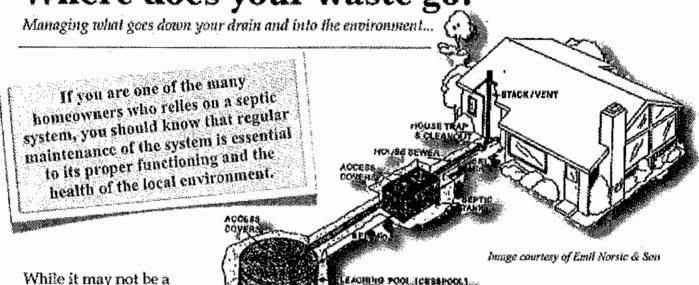
rooftop areas or paved than into storm drains. into these areas rather

Vegetated Filter Strips—Filter strips are areas of picks up as it flows across driveways and streets. native grass or plants created along roadways or streams. They trap the pollutants stormwater



SEPTIC SYTEMS

Where does your waste go?



While it may not be a pretty topic, "down the drain" waste management is an important issue for East Enders. It can be easy to forget that waste doesn't just disappear down the drain – it ends up in our backyards, groundwater, and local surface waters.

With this in mind, we must be careful about what we put down our drains and also protect the ecological systems that filter this waste.

Most homes on the East End deal with "down the drain" waste, either through onsite cesspools, septic tanks, or connection to community sewer systems.

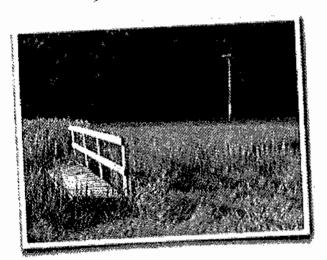
For septic system owners, when water goes down the drain it flows through a series of pipes into a septic tank usually buried in the yard. This tank holds wastewater and allows some wastes to either sink down or float up, while the relatively clear water in the middle is slowly piped out into a leaching ring system (see figure).

However, this relatively clear water still contains nutrients (which can be harmful to the bays) and can contain chemicals you use in your home (which can also be harmful to the natural environment).

Septic systems need maintenance to ensure that this process continues smoothly. Tanks need to be pumped out so that the solids and scum can be removed from the bottom and top of the tanks. Also, at times older tanks may need to be replaced, upgraded, or moved to a more appropriate location (this often means being moved further away from surface waters). If this maintenance is not kept up, major problems such as septic tank leaks, overflow, or failure may occur. When this happens, not only is there often an expensive mess for homeowners to clean up, but there is also a strong possibility that pollutants and excess nutrients are reaching our local surface waters and contributing to nutrient loading, which causes unhealthy conditions such as algal blooms, and fish die offs.

WHAT YOU CAN DO: Protect Local Ground and Surface Waters

- How do you know if/when your septic system needs to be pumped out or replaced?
 Get your septic system inspected right now (especially if it has been awhile since you last did this) and create a maintenance calendar for future pump-outs and inspections!
- On average, septic tanks need to be pumped out every 3 - 5 years, however this varies a bit with the size of the tank and number of people relying on it. Consult a professional to determine your needs.



- If your system needs to be replaced, try to do
 it right away if you can. The resulting mess of
 a septic failure can be much more costly to
 both the bays and your pocket.
- Conserve water and stop any faucets that are leaking or toilets that are running. When excess water runs down the drain, it can overload your septic system.
- Make sure your septic system is as far from the water as possible.
- Eliminate or at least reduce the chemicals that
 go down the drains in your home. Natural
 alternatives can be just as effective and are
 less harmful to the environment as they make
 their way through your septic system and out
 to our local bays. Also make sure grease does
 not go down drains as it can clog up septic
 systems.
- Eliminate garbage from your drains. Flushing solid materials clogs up the septic system and can lead to problems — this also means avoiding use of garbage disposals.

Local Rebates and Assistance Programs:

Southold Town currently has no septic tank pumpout or replacement rebates. Please contact your town supervisor and elected officials to request that they consider septic tank pumpout rebates, inspection programs, and replacement rebates for failing systems, or a revolving loan program to support homeowners' efforts.

For Service on Your Septic System:

Look in the yellow pages under "septic tanks and system cleaning" or call your local chamber of commerce to find a reputable service provider in your area.

Links:

Peconic Estuary Program www.peconicestuary.org

Peconic Baykeeper www.peconicbaykeeper.org



What Is Stormwater Runoff?

Stormwater runoff occurs after a rainfall. Storm water flows over impervious (unable to penetrate) surfaces like driveways, sidewalks, streets, parking lots and roofs and is unable to percolate (filter or seep) into the ground. This unfiltered water reaches our neighborhood streams, ponds, lakes, bays, wetlands and oceans and can eventually make its way into our ground water. (Water beneath the earth's surface)

Why Is Stormwater Runoff a Problem?

Stormwater runoff can collect many different types of pollution before it reaches a body of water, including debris, dirt and chemicals. The storm water collects these materials and flows directly into a body of water like a stream or lake. These water bodies may be used for swimming, fishing and may even provide some of us with drinking water.

How Do Different Types of Pollution Affect My Watershed?

There are two basic types of pollution: point source and non-point source. Point source pollution is easy to understand because it can be traced directly to its source. Point source pollution was a big concern in the past, but today stricter laws and regulations have drastically decreased the problem.

Non-point source pollution is a little more difficult to understand. Stormwater runoff pollution is a type of non-point source pollution. This means that the pollution cannot be traced back to a specific source, but instead comes from many different sources throughout the environment. Non-point source pollution is the primary cause of watershed pollution today. Non-point source pollution occurs when small amount of pollution from a large variety of sources is picked up by stormwater runoff and carried into water bodies.

Stormwater runoff can carry many different types of non-point source pollution. Each can affect your watershed in a different way. Sediment (dirt, soil, sand) can increase the turbidity (a measure of water cloudiness) of a water body. Turbidity can block sunlight from reaching aquatic plants, making it impossible for them to grow. Without plants, animals lose a food source and it is more difficult to filter pollutants from the water. Instead, pollutants collect in the bottom of the water body and remain there indefinitely.

Excess nutrients carried in stormwater runoff can also negatively affect our water supply. These nutrients, primarily nitrogen and phosphorus, can come from lawn fertilizers or natural sources, such as manure. Nutrients can cause algal and bacterial blooms, which proliferate (reproduce) rapidly. Algae will consume oxygen, increase turbidity in the water body and eventually die along with the fish and other aquatic life that need oxygen to live.

Debris such as plastic bags, bottles and cigarette butts can wash into a water body and interfere with aquatic life. Other hazardous wastes can be carried into a water body. These include insecticides, (chemicals used to control or kill insects) herbicides, (chemicals used to kill unwanted plants) paint, motor oil and heavy metals.

What Can You Do?

Now you know that pollution from stormwater runoff can contaminate our water supply. So what can you do to prevent this problem? Here are some tips to help you on your way to a pollution solution:

- •Never Dump Anything Down Storm Drains
- Use Fertilizers Sparingly
- Control Soil Erosion by Planting Over Bare Spots in Landscape
- •Collect Rainwater in Rain Barrels for Lawn Use
- •Sweep Driveways, Sidewalks and Roads Instead of Using Hose
- Compost Yard Waste
- Properly Dispose of Hazardous Household Chemicals
- Avoid Pesticides
- Direct Downspouts Away From Paved Surfaces
- •Use Car Wash Instead of Washing Car in Driveway
- Check Car for Leaks and Recycle Motor Oil
- Properly Dispose of Pet Waste
- Inspect and Pump Septic Tank Regularly
- Protect Wetlands that Serve as Natural Buffers to Pollution, Soil Erosion and Flooding
- •Join Adopt-a-Watershed
- Educate Friends, Family, Neighbors
- Recycle