

STORMWATER POLLUTION PREVENTION PLAN

Mathews Avenue Site Redevelopment

**301 Belle Isle Road, LLC
Syracuse, New York**

October 2010

Mathews Avenue Site Redevelopment

301 Belle Isle Road, LLC
Syracuse, NY



PETER E. GREVELDING, P.E., SENIOR VICE PRESIDENT
O'BRIEN & GERE ENGINEERS, INC.
OCTOBER 2010

TABLE OF CONTENTS

List of construction drawings (bound separately)	ii
List of Appendices	ii
1. Regulatory Information	1
1.1 SWPPP Development	1
1.2 SWPPP Review	1
1.3 SWPPP Update	1
2. Project Description	3
2.1 Site Description	3
2.2. Site Location.....	3
2.3. Site Owner/Operator	4
2.4 construction drawings.....	4
2.5 Receiving Water	4
2.6 Soils.....	4
2.7. Resource Protection Areas	5
3. Project Implementation.....	6
3.1 Pre-Construction Requirements.....	6
3.2. Project Requirements During Construction.....	6
3.3 Inspection During Construction	7
3.4 Stormwater Controls.....	8
3.4.1 Erosion and Sediment Controls - Structural Facilities.....	8
3.4.2 Stabilization Practices.....	9
3.4.3 Additional Stormwater Controls	9
3.5 State Historic Preservation Office.....	9
3.6 Operations and Maintenance.....	9
3.6.1 Construction Period Operations and Maintenance	9
3.6.2 Post-Construction Operation and Maintenance	10
3.7 Non-Stormwater Discharges.....	10
3.8 Inventory for Pollution Prevention Plan.....	11
3.9 Spill Prevention	11
3.9.1 Spill Control Practices.....	12
3.10 Notice of Termination	12
3.11 Retention of Records	12
4. Stormwater Analyses	13

LIST OF CONSTRUCTION DRAWINGS (BOUND SEPARATELY)

T-1	Title Sheet
G-1	General Notes/Legend & Abbreviations
G-2	Existing Parcel Plan
G-3	Existing Site Plan
G-4	Overall Site Plan
G-5	East Site Partial Plan
G-6	West Site Partial Plan
G-7	South Site Partial Plan
G-8	Overall Utility Plan
G-9	East Utility Partial Plan
G-10	West Utility Partial Plan
G-11	South Utility Partial Plan
G-12	Overall Grading Plan
G-13	East Grading Partial Plan
G-14	West Grading Partial Plan
G-15	South Grading Partial Plan
G-16	Overall Erosion & Sediment Control Plan
G-17	East Erosion & Sediment Control Partial Plan
G-18	West Erosion & Sediment Control Partial Plan
G-19	South Erosion & Sediment Control Partial Plan
G-20	Landscaping Plan
G-21	Erosion & Sediment Control Details
G-22	Erosion & Sediment Control Details
G-23	Sections, Notes & Details
G-24	Sections & Details
G-25	Miscellaneous Details

LIST OF APPENDICES

A.	SPDES General Permit - Notice of Intent
B.	MS4 Acceptance Form
C.	NYSDEC NOI Acknowledgement Form
D.	Location Map/Soils Information
E.	Pre-Construction Requirements
F.	Inspection Reports
G.	NYSOPRHP Documentation
G-1	Post-Construction Maintenance Requirements
H.	NYSDEC General Permit Notice of Termination
I.	Stormwater Management Plan Report (Bound Separately)

1. REGULATORY INFORMATION

This *Stormwater Pollution Prevention Plan* (SWPPP) discusses and describes actions to be taken as part of the New York State Department of Environmental Conservation (NYSDEC) State Pollutant Discharge Elimination System (SPDES) General Permit for Stormwater Discharges from Construction Activities, Permit No. GP-0-10-001.

O'Brien & Gere has prepared this SWPPP on behalf of Honeywell International, Inc. (Honeywell) in support of the applicant's proposed environmental remediation and redevelopment project. In this document, O'Brien & Gere is referred to as the Engineer. The Owner and Operator of the proposed facility is Empire Tissue Company, LLC (Owner), however, Honeywell will remain responsible for remediation of the Site.

The Notice of Intent (NOI) for the General Permit for the project is included as Appendix A. Other forms referenced in this SWPPP are also included within their respective appendices. This SWPPP and the NOI have been prepared to meet the requirements of Permit No. GP-0-10-001.

This document supports the Remedial Action Work Plan (RAWP) prepared by O'Brien & Gere on behalf of 301 Belle Isle Road, LLC (volunteer) for the Mathews Avenue Landfill Site (Parcel A) in accordance with 6NYCRR Subpart 375-3 Brownfield Cleanup Program (December 14, 2006). This SWPPP has been prepared for Parcel A.

1.1 SWPPP DEVELOPMENT

This SWPPP was developed in accordance with Permit No. GP-0-10-001 and accepted engineering practices. It describes the erosion and sediment control practices that will be used to minimize sediment in stormwater discharges during construction activities, offers protective measures to minimize sediment transport, and identifies potential sources of sediment that may affect the quality of stormwater discharges.

1.2 SWPPP REVIEW

For construction activities that are subject to the requirements of a regulated, traditional land use control Municipal Separate Storm Sewer System (MS4), stormwater will be authorized to discharge from their construction activity five business days from the date the NYSDEC receives a complete NOI and signed MS4 SWPPP Acceptance form. A copy of this form shall be inserted in Appendix B. Subsequently, the NYSDEC will issue a NOI Acknowledgement form that shall be inserted in Appendix C.

The SWPPP will be kept current and made available at the Site for review by regulatory agencies, the Engineer, and Contractors. Applicable federal, State and local regulatory agencies that have jurisdiction may elect to review this SWPPP and if necessary may notify the Engineer or Contractor that the SWPPP requires modification or that certain site conditions do not meet regulatory requirements.

1.3 SWPPP UPDATE

Honeywell will amend this SWPPP if there is a change in any of the following project components that has an effect on the potential for discharge of sediment from stormwater runoff associated with construction activities:

- design
- construction
- operation
- maintenance

Honeywell will update or amend the SWPPP if any of the following conditions occur:

- field conditions render the erosion and sediment control facilities ineffective in minimizing sediment from stormwater discharges
- identification of new contractors that will implement or construct any of the stormwater management and/or erosion and sediment control facilities
- changed site conditions observed by the Owner, Honeywell, the Engineer, or Contractor.

If the SWPPP needs to be revised based on changed site conditions, Honeywell will be responsible for making revisions to the SWPPP within 14 days of notification. If the changed site conditions are a result of work by Honeywell, it is their responsibility for making revisions to the SWPPP within seven days of notification to Honeywell. All modifications will be reviewed, approved and accepted by Honeywell and NYSDEC prior to implementation.

The superseded SWPPP should be marked as such and revision dates placed on the updated SWPPP and distributed by the Owner, Honeywell, or the Contractor to the involved parties (*i.e.*, prime contractors, the Village, subcontractors).

2. PROJECT DESCRIPTION

2.1 SITE DESCRIPTION

The Mathews Avenue Site (the Site) is a 66-acre site that includes the former Mathews Avenue Landfill, a land-locked section of the former Erie Canal, the Northern Drainage Swale, and the relatively flat, low-lying area between the Mathews Avenue Landfill and Geddes Brook which contains both upland and wetland areas.

The Site is divided into Parcel A and Parcel B, which will be addressed separately as further described in the Remedial Action Work Plan for Parcel A. Parcel A (approximately 33 acres) includes the 20-acre former Mathews Ave. Landfill, the former section of the Erie Canal, and the Northern Drainage Swale which runs South of and parallel to the former Erie Canal. Parcel B (approximately 33 acres) includes the wetlands, uplands and other areas in the western portion of the Site.

The Mathews Avenue Site is currently owned by Honeywell International Inc. (formerly Allied Chemical Corporation). 301 Belle Isle Road, LLC, a subsidiary of O'Brien & Gere, is proposing to remediate and redevelop Parcel A. Empire Tissue Company, LLC proposes to purchase Parcel A of the Site to construct and operate a 200 ton per day recycled tissue, towel, and napkin paper manufacturing facility.

To facilitate remediation and redevelopment of the Mathews Avenue Landfill Site (Parcel A), the following actions are proposed:

- remedial earthwork activities on the existing landfill media for preparation of the Site related to grading and drainage
- remedial sediment removal activities within the limits of the former Erie Canal
- additional remedial activities (as identified in the RAWP)
- relocation of an existing 115 kV OHE (National Grid)
- installation of new utility services and clean corridor utilities
- installation of a remedial cover over the 17± acre existing landfill, to include 11± acres of asphalt cover, 6± acres of building/structure concrete slabs, and 1.4± acres of low-permeable grass cover
- construction of a main site access driveway on Belle Isle Road, and a secondary access on Boyd Avenue
- construction truck staging area and parking spaces for 125 vehicles
- construction of the tissue paper manufacturing and operational support buildings
- construction of a tissue converting facility
- construction of stormwater management facilities, including use of the remediated, former Erie Canal for stormwater management
- remediation of the Northern Drainage Swale to Geddes Brook.

Additional information regarding the proposed project is presented in the both the RAWP and the Construction Drawings.

2.2. SITE LOCATION

The project Site is located approximately 1500 feet east of NYS Route 695, beyond Horan Road to the south of Belle Isle Road and west of the intersection of Belle Isle Road and Mathews Avenue in the Village of Solvay and in the Towns of Geddes and Camillus, Onondaga County, New York.

The project Site location is illustrated in Figure 1, Site Location Map, included herein with Appendix D.

2.3. SITE OWNER/OPERATOR

The name and address of the future owner/operator, including contact person and telephone number is:

<u>Future Owner/Operator</u>	<u>Contact</u>
Empire Tissue Company, LLC	James L. Austin
43 Orchard Street	President and CEO
Rhinebeck, NY 12572	phone: 845-389-2855
	email: jaustinadc@aol.com

2.4 CONSTRUCTION DRAWINGS

The Construction Drawings (bound separately), prepared by O'Brien & Gere provide, but are not limited to, the following information:

1. Existing Site Plan
2. General Notes Plan including mapping references, and site, utility, grading and erosion and sediment control notes
3. Overall Site Layout Plan
4. Site Plans with proposed site features including property information, buildings and site appurtenances, access locations, and limits of asphalt and grass cover
5. Utility Plans with proposed utility services and overhead electric relocations
6. Grading Plans with existing and proposed contours that indicate drainage patterns and slopes prior to and after grading activities
7. Locations of proposed stormwater management areas (SWMAs) and points of discharge
8. Areas of disturbance based on the limits of proposed grades tying into existing ground elevations
9. Erosion and Sediment Control Plans with proposed erosion and sediment control facilities and stabilization practices
10. Miscellaneous construction sections and details

2.5 RECEIVING WATER

Stormwater runoff from the Site discharges into Geddes Brook flowing south to north on the western portion of the Site. Geddes Brook discharges into Nine Mile Creek, discharging ultimately into Onondaga Lake and is part of the Seneca Watershed, USGS Hydrologic Unit 04140201 (<http://cfpub.epa.gov/surf/locate/index.cfm>).

2.6 SOILS

The Soil Survey of Onondaga County, New York (<http://websoilsurvey.nrcs.usda.gov>) identifies the following soils within the project area:

- Canandaigua mucky silt loam (Cd)
- Made Land (ML)
- Martisco and Warners Soils (Ms)
- Niagara silt loam, 0 to 4 percent slopes (NgA)
- Urban Land; (mostly fill material)
- Weaver silt loam (Wv)

The Soils Map for the project Site is included as Figure 2 in Appendix D. Refer to the soil survey of Onondaga County for soil type descriptions.

2.7. RESOURCE PROTECTION AREAS

There are no identified drinking water well or septic system setbacks on-site. The following resource protection areas have been identified on-site:

- approximately 12.3 acres of New York State Freshwater Wetland (NYSFW) SYW-15 is mapped in the southwest portion of the Site. SYW-15 is identified by the NYSDEC as a Class 2 wetland that consists of 56.1 acres
- a total of approximately 17 acres of wetland habitats were delineated on-site that are under the jurisdiction of the U.S. Army Corps of Engineers
- Geddes Brook flows along the western boundary of the Site in a northerly direction, eventually discharging to Ninemile Creek northwest of the Site. The NYSDEC has classified the portion of Geddes Brook downstream of the Canal as Class C water. Upstream of the Canal, Geddes Brook is designated Class C(T).

Potential impacts to these resources are being evaluated and will be completed through the joint application process.

3. PROJECT IMPLEMENTATION

3.1 PRE-CONSTRUCTION REQUIREMENTS

Honeywell will follow the requirements described in Appendix E to minimize erosion and sedimentation during construction activities.

3.2. PROJECT REQUIREMENTS DURING CONSTRUCTION

General Site Specific Requirements

Given the current condition of the Site, the redevelopment project requires additional site-specific techniques to facilitate the landfill covering process. A Remedial Action Work Plan (RAWP) entitled *Brownfield Redevelopment Parcel A – Mathews Ave. Landfill Site* is being prepared for a concurrent submittal along with this SWPPP. Site-specific remediation work requirements are provided within the separate work plan and will be adhered to by the Owner/Operator/Contractor.

Construction Sequence

The following presents the anticipated sequence of construction activities, to be performed in accordance with the Construction Drawings:

1. Install silt fencing along the roadway prior to construction of Stabilized Construction Entrance No. 1. Monitor area for the need for additional silt fencing placement.
2. Clear and grub area for the Stabilized Construction Entrance No. 1.
3. Establish gravel base at the entry to allow access for construction equipment.
4. Install Stabilized Construction Entrance No. 1 near the intersection of Belle Isle Road and Mathews Avenue as shown on plan.
5. Install remainder of site silt fencing as shown on plan.
6. Clear and grub vegetation from proposed temporary sediment traps.
7. Construct temporary sediment traps, including outlet structures, as shown on plan.
8. Prepare the lined sediment staging area for canal water and canal sediment material.
9. Install and stabilize temporary diversion swales with stone check dams to convey runoff to temporary basins.
10. Perform dewatering and sediment excavation from the canal. Canal dewatering discharge will be directed into the on-site Temporary Sediment Trap No. 2. Refer to the RAWP for additional information regarding canal dewatering and sediment removal activities.
11. Rough grade the Site to accommodate varying depths of low-permeability soil cover and asphalt cover, and building foundations.
12. Install deep foundation system for buildings.
13. Prepare subgrade and install low-permeability, grass cover section, including topsoil and seed.
14. Install utilities (*e.g.*, water, natural gas, tele-communications, storm sewer and sanitary sewer) beyond the identified landfill limits, where clean corridor trenching is not required.
15. Install utilities and clean corridor utility trench as shown on the plans. Prepare subgrade and install subbase stone and geogrid for the asphalt cover areas.

16. Install above grade, overhead electric service lines to buildings.
 17. Install asphalt cover, base/binder layer.
 18. Install foundations and slabs for buildings
 19. Install utility service connections at the buildings.
 20. Install landscape plantings and topsoil and seed any remaining disturbed areas with appropriate cover type (e.g., low-permeability grass cover).
 21. After Site is stabilized, remove temporary erosion and sediment control facilities and convert temporary sediment traps into permanent stormwater management areas.
- * Proposed stone check dams within the Northern Drainage Swale will remain and will be maintained under this contract until Parcel B remedial activities are initiated.

3.3 INSPECTION DURING CONSTRUCTION

General

Honeywell will be responsible to provide a qualified inspector¹ to inspect proposed erosion and sediment control facilities and disturbed areas of the construction Site for compliance with the SWPPP. The qualified inspector will also evaluate the points of discharge to natural surface water bodies located within, or immediately adjacent to, the Site boundaries and evaluate whether Site generated sediment is entering these waters. Digital photographs, with date stamp, will be taken that show these discharge points and the conditions of erosion and sediment control facilities and stormwater management practices that have been identified as needing corrective actions. Additional photographs will be taken showing the condition of the facilities and practices after corrective actions have been taken. These photographs will be attached to the inspection form within seven calendar days of the respective inspection.

These inspections will be completed at least once every seven calendar days. For sites where the owner has received authorization from the NYSDEC to disturb greater than five acres of soil at one time, the qualified inspector will conduct at least two site inspections every seven calendar days, with a minimum of two full calendar days between inspections. A typical Inspection Report Form for conducting the inspections is included in Appendix F.

Prior to construction, the Contractor and subcontractors will identify at least one trained contractor² from their respective companies who will be responsible for implementation of the SWPPP and inspection of the erosion and sediment controls in accordance with the New York State *Standards and Specifications for Erosion and Sediment Control* (NYSDEC 2005). The Contractor will provide that at least one trained contractor is on-site on a daily basis while soil disturbance activities are being performed.

¹ Qualified inspector includes persons knowledgeable in the principles and practices of erosion and sediment controls, such as a licensed professional engineer, Certified Professional in Erosion and Sediment Control (CPESC), licensed Landscape Architect or other NYSDEC endorsed individual. 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.

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

The Contractor will begin implementing the corrective action within one business day and complete it within seven calendar days following the date of the inspection. Additional mitigation measures will be implemented by the Contractor if warranted to minimize sediment transport or discharge of sediment laden runoff off-site. Each inspection report will remain on file at the Site as part of the SWPPP.

Temporary Construction Shutdown (Winter Conditions)

When soil-disturbing activities have been temporarily suspended (*e.g.*, winter shutdown) and temporary stabilization measures have been applied to disturbed areas, the Owner may cease the periodic inspections by the trained contractor. However, the qualified inspector must perform a site inspection at least once every 30 calendar days. The Owner will notify the NYSDEC in writing prior to reducing the inspection frequencies. The Owner will resume inspections by the trained contractor and qualified inspector in accordance with this Section as soon as soil disturbance activities resume.

Final Site Inspection

The qualified inspector and a representative of the Village of Solvay will perform a final inspection of the Site to certify that:

- construction is complete and disturbed areas have been stabilized
- temporary erosion and sediment control facilities, with the exception of the stone check dams to remain, have been removed
- permanent stormwater management practices have been installed and are operating as designed.

Upon satisfactory completion of the final site inspection, the qualified inspector and MS4 representative will sign the appropriate sections of the Notice of Termination (NOT) form included herein as Appendix H, and submit to the NYSDEC.

3.4 STORMWATER CONTROLS

Anticipated locations of erosion and sediment control facilities are illustrated on Sheets G-16 through G-19 of the Construction Drawings. Details of these facilities are illustrated on Sheets G-22 and G-23. These facilities will be installed and maintained in accordance with the New York State *Standards and Specifications for Erosion and Sediment Control* (NYSDEC 2005).

The Contractor will provide a construction stabilization schedule when earthwork activities are anticipated to commence and terminate. This record will become part of this SWPPP within Appendix E.

3.4.1 Erosion and Sediment Controls - Structural Facilities

Proposed erosion and sediment control facilities were designed in accordance with the latest versions of the following documents:

- NYSDEC Standards and Specifications for Erosion and Sediment Control (2005)
- NYSDEC State Pollutant Discharge Elimination System (SPDES) General Permit for Stormwater Discharges from Construction Activity (Permit No. GP-0-10-001) (effective date January 29, 2010).

The control measures and best management practices (BMPs) noted below will be implemented to abate and control potential pollutants and sediment transport in stormwater discharges from the construction Site. As previously noted, details of the erosion and sediment control facilities are provided on Sheets G-22 and G-23.

1. A stabilized construction entrance will be located at each construction ingress/egress location. If necessary, construction vehicles will be washed down prior to leaving the Site. Wash-down water will be directed towards the nearest temporary sediment trap.

2. Staging/laydown areas for vehicles and construction equipment shall be located on stabilized portions of the Site. If necessary, vehicles and equipment will be washed down in stabilized areas prior to exiting Site.
3. Silt fencing shall be installed along toes of embankments, on downstream portions of the Site perimeter, and around spoil piles and stockpiles. Stockpiled soil shall not be placed on impervious surfaces unless covered in plastic or stabilized in another manner approved by Engineer.
4. Temporary stone check dams to be placed in swales to prevent erosion and promote sedimentation by retarding flow. Check dams will be installed at intervals such that the crest of the downstream dam is at the elevation of the toe of the upstream dam. Maintenance will include inspection, cleaning, and/or replacement of stone. Accumulated sediment shall be removed as needed or as indicated by the qualified inspector.

3.4.2 Stabilization Practices

The Contractor shall initiate stabilization measures in accordance with the New York State *Standards and Specifications for Erosion and Sediment Control* (NYSDEC 2005) as soon as practicable. For portions of the Site where soil disturbance activities have temporarily or permanently ceased, stabilization measures must be implemented within 14 days of the conclusion of activities or within 7 days if authorized to exceed 5 acres of disturbance at one time. This requirement does not apply if the installation of stabilization measures is precluded by snow cover or frozen ground conditions; however measures shall be implemented as soon as practicable.

3.4.3 Additional Stormwater Controls

Listed below is a description of additional controls and measures that will be implemented at the Site to minimize sediment transport.

1. Proper precautions will be taken so materials do not spill onto public thoroughfares (*i.e.*, leaking hydraulic lines, fuel leaks). If materials are dropped onto these areas they will be removed as soon as practicable so that they do not enter surface and subsurface drainage systems.
2. The Contractor will provide dust control measures before dust migrates off-site. Measures may include water application or mulching but will not include use of chemical additives.
3. Solid waste disposal dumpsters and containers will be covered and emptied regularly. Waste will be disposed of properly in accordance with local, State, and/or federal regulations.
4. Portable toilets will be installed and cleaned regularly with their contents properly disposed of. They will be secured in place so they will not be knocked over by construction activities.
5. Building materials will be properly stored and contained on-site.
6. Oil containers will have appropriate secondary containment. If total petroleum products oil storage on-site exceeds a cumulative total of 1,320-gallons, a Spill Prevention Control and Countermeasure (SPCC) Plan will be prepared by the Contractor and maintained on-site.

3.5 STATE HISTORIC PRESERVATION OFFICE

Appendix G includes documentation from the New York State Office of Parks, Recreation, and Historic Preservation (NYSOPRHP), relative to proposed construction activities within the former Erie Canal.

3.6 OPERATIONS AND MAINTENANCE

The following sub-sections describe the minimum requirements for operations and maintenance during and after construction activities.

3.6.1 Construction Period Operations and Maintenance

The procedures that will be utilized to maintain the effectiveness of the erosion and sediment control facilities during construction are described as follows:

1. Inspection of the facilities in accordance with Section 3.3, Inspection During Construction. An inspection form is included within Appendix F, a copy of which will be completed and inserted in Appendix F after each inspection.
2. Cleaning, repairing, and/or replacing silt fences, inlet protection, construction entrances, swales, and rip-rap aprons as necessary.
3. Cleaning and/or sweeping affected roadways daily, or more frequently if otherwise required by the Owner or Owner's representative.
4. Removal of accumulated sediment from stormwater management facilities as necessary to maintain proper function.
5. Removing debris and litter on a monthly basis or more frequently if necessary.
6. Observation of equipment/vehicles within the work area, particularly for identification of vehicles leaking petroleum products that could enter stormwater drainage facilities.

3.6.2 Post-Construction Operation and Maintenance

The Empire Tissue Company is responsible for operation and maintenance of stormwater and site facilities following the completion of the construction contract. These operation and maintenance activities are to include:

1. Clean or sweep roadways as necessary.
2. Inspect the swales and rip-rap aprons annually. Remove and dispose of trees, brush, obstructions, and other foreign objects to prevent interference with proper facility function.
3. Inspect stone check dams periodically and remove sediment as needed and repair dams as necessary to avoid scour and/or undercutting.
4. Maintain seeded areas and reseed or stabilize as necessary to protect against erosion.
5. Repair sloughing or erosion of embankments.
6. Inspect and clean storm pipes as necessary to maintain full flow capacity.
7. Periodic inspection and mowing of low-permeability grass areas to prevent the establishment of nuisance or woody vegetation. Additional measures to eradicate nuisance vegetation shall be taken if needed.
8. Inspection and repair of asphalt pavement areas and drainage facilities, in accordance with the RAWP.
9. Periodic inspection and maintenance of the permanent stone check dams located in the Northern Drainage Swale to Geddes Brook.

The RAWP presents additional information regarding the long-term maintenance and inspection requirements of the landfill cover material and surface water conveyance facilities.

3.7 NON-STORMWATER DISCHARGES

Possible sources of non-stormwater discharges associated with the construction activity that may be combined with stormwater are identified below. Preventative measures identified in this SWPPP will minimize potential impacts to stormwater from these sources.

1. Cleaning water for construction vehicles and equipment and groundwater encountered within excavations shall not be discharged directly to the receiving water. Chemicals and detergents are not to be used.
2. Groundwater encountered within excavations is also to be diverted to temporary sediment traps.

3. The Contractor is responsible for identifying areas on-site for construction vehicle transit (*i.e.*, haul roads, Contractor trailers and parking areas, etc.) or equipment staging, which will be visually inspected and where runoff can be controlled.
4. Water used for dust control measures will be applied using proper quantities and equipment. No chemical additives will be used. Canal water cannot be used for dust control purposes.
5. Water main flushings, hydrostatic test water, fire test water, and chlorination test water shall not be discharged directly to storm drains. Turbid water will be detained to allow sufficient sedimentation time.
6. Concrete trucks are only to be washed out in approved areas. Surplus concrete or drum wash water shall not be discharged directly to storm drains.

3.8 INVENTORY FOR POLLUTION PREVENTION PLAN

The materials or substances listed below are expected to be present on-site during construction:

- Concrete and concrete products
- Paints
- Bituminous concrete products
- Wood
- Roofing materials
- Asphalt
- Plastics
- Diesel and gasoline fuels
- Sheet metal
- Glass
- Silicone (sealants)
- Steel

3.9 SPILL PREVENTION

The Contractor will contact the NYSDEC Spills Hotline (1-800-457-7362) in the event a spill occurs on-site during construction. The following are material management practices that will be used by the Contractor to reduce the risk of spills or other accidental exposure of materials and substances to stormwater runoff during construction:

1. Materials with potential for spillage that will be stored on-site, will be stored in a neat, orderly manner in their appropriate containers and, if possible, under a roof or other enclosure.
2. Products will be kept in their original containers with the original manufacturer's label.
3. Substances are not to be mixed with one another unless recommended by the manufacturer.
4. Whenever possible, product will be used up or packages resealed before proper disposal of contents and containers off-site.
5. Manufacturers' recommendations for proper use and disposal will be followed.
6. Inspection will be made for proper use and disposal of materials during periodic inspections and recorded on the Inspection Report Form (Appendix F).

7. On-site vehicles will be monitored for leaks and receive regular preventative maintenance to reduce the chance of leakage of petroleum products. Petroleum products will be stored in closed containers that are clearly labeled. Used oils will be disposed of properly.
8. Materials will be brought on-site in quantities that limit or minimize the amount of on-site storage.
9. Paint containers will be tightly sealed and properly stored when not required for use. Excess paint, solvents, etc. shall not be discharged to the storm sewer facilities but will be properly disposed of according to manufacturers' instructions, or State and local regulations.

3.9.1 Spill Control Practices

In addition to the material management practices discussed in the previous section of this SWPPP, the following practices will be followed by the Contractor for spill prevention and cleanup:

1. Spills of petroleum, toxins, or hazardous material will be reported to the appropriate State or local government agencies immediately, regardless of size.
2. Manufacturers' recommended methods for spill cleanup will be clearly posted and site personnel will be made aware of the procedures and the location of the information and cleanup supplies.
3. Materials and equipment necessary for spill cleanup will be kept in designated material storage areas on-site. Equipment and materials will include but not be limited to brooms, dust pans, mops, rags, gloves, goggles, spill control materials, sand, sawdust, and trash containers specifically for this purpose.
4. Spills will be cleaned up immediately after discovery.
5. The spill area will be kept well ventilated and personnel will wear appropriate protective clothing to prevent injury from contact with a hazardous substance.
6. A spill report will be completed and filed in this SWPPP. The spill report will include a description of the spill, what caused it, and the corrective actions taken.

3.10 NOTICE OF TERMINATION

Following final stabilization of the project Site as defined in Permit No. GP-0-10-001, the Owner will file a SPDES General Permit Notice of Termination (NOT) with the NYSDEC. A blank copy of the NOT form is included as Appendix H.

3.11 RETENTION OF RECORDS

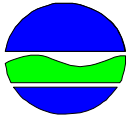
The following records will be retained by Empire Tissue Company at the Site and for a period of five years from the date the Site is finally stabilized:

- Stormwater Pollution Prevention Plan (including Notice of Intent, Notice of Intent Acknowledgement letter, and MS4 SWPPP Acceptance)
- Construction Drawings and Technical Specifications
- Inspection Reports
- Contractor Certification(s)
- Correspondence regarding stormwater practices
- The Notice of Termination.

4. STORMWATER ANALYSES

Stormwater analyses were conducted to evaluate potential stormwater impacts associated with the proposed development. Results and methodologies of these stormwater analyses are presented in the Stormwater Management Plan Report, included herein as Appendix I. Proposed stormwater quality features and techniques are also described in the Stormwater Management Plan Report.

***SPDES General Permit –
Notice of Intent***

NOTICE OF INTENT**New York State Department of Environmental Conservation****Division of Water****625 Broadway, 4th Floor****Albany, New York 12233-3505**
NYR
 (for DEC use only)

**Stormwater Discharges Associated with Construction Activity Under State
 Pollutant Discharge Elimination System (SPDES) General Permit # GP-0-10-001**

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.

**-IMPORTANT-
 RETURN THIS FORM TO THE ADDRESS ABOVE**

OWNER/OPERATOR MUST SIGN FORM

Owner/Operator Information

Owner/Operator (Company Name/Private Owner Name/Municipality Name)

Owner/Operator Contact Person Last Name (NOT CONSULTANT)

Owner/Operator Contact Person First Name

Owner/Operator Mailing Address

City

State

Zip

 -

Phone (Owner/Operator)

 - -

Fax (Owner/Operator)

 - -

Email (Owner/Operator)

FED TAX ID

 -

(not required for individuals)

Project Site Information																																		
Project/Site Name																																		
Street Address (NOT P.O. BOX)																																		
Side of Street																																		
☐ North ☐ South ☐ East ☐ West																																		
City/Town/Village (THAT ISSUES BUILDING PERMIT)																																		
State					Zip					County										DEC Region														
Name of Nearest Cross Street																																		
Distance to Nearest Cross Street (Feet)															Project In Relation to Cross Street																			
Tax Map Numbers Section-Block-Parcel															Tax Map Numbers																			

1. Provide the Geographic Coordinates for the project site in NYTM Units. To do this you **must** go to the NYSDEC Stormwater Interactive Map on the DEC website at:

www.dec.ny.gov/imsmaps/stormwater/viewer.htm

Zoom into your Project Location such that you can accurately click on the centroid of your site. Once you have located your project site, go to the tool boxes on the top and choose "i"(identify). Then click on the center of your site and a new window containing the X, Y coordinates in UTM will pop up. Transcribe these coordinates into the boxes below. For problems with the interactive map use the help function.

X Coordinates (Easting)

--	--	--	--	--	--

Y Coordinates (Northing)

--	--	--	--	--	--	--

2. What is the nature of this construction project?

- ☐ New Construction
- ☐ Redevelopment with increase in imperviousness
- ☐ Redevelopment with no increase in imperviousness

SELECT ONLY ONE CHOICE FOR EACH

Number of Lots

- | | Number of Lots | | |
|--|----------------|--|--|
| ☐ SINGLE FAMILY HOME | | | |
| ☐ SINGLE FAMILY SUBDIVISION | | | |
| ☐ TOWN HOME RESIDENTIAL | | | |
| ☐ MULTIFAMILY RESIDENTIAL | | | |
| ☐ INSTITUTIONAL/SCHOOL | | | |
| ☐ INDUSTRIAL | | | |
| ☐ COMMERCIAL | | | |
| ☐ MUNICIPAL | | | |
| ☐ ROAD/HIGHWAY | | | |
| ☐ RECREATIONAL/SPORTS FIELD | | | |
| ☐ BIKE PATH/TRAIL | | | |
| ☐ LINEAR UTILITY (water, sewer, gas, etc.) | | | |
| ☐ PARKING LOT | | | |
| ☐ CLEARING/GRADING ONLY | | | |
| ☐ DEMOLITION, NO REDEVELOPMENT | | | |
| ☐ OTHER | | | |

[illegible]

☐ Yes ☐ No

☐ Yes ☐ No

☐ Yes ☐ No

Total Site Acreage	Acreage To Be Disturbed	Existing Impervious Area Within Disturbed	Future Impervious Area Within Disturbed
.	.	.	.

☐ Yes ☐ No

A **B** **C** **D**

				%
--	--	--	--	---

				%
--	--	--	--	---

				%
--	--	--	--	---

				%
--	--	--	--	---

☐ Yes ☐ No

Start Date

End Date

Name

[illegible]

☐ Wetland / State Jurisdiction On Site (Answer 12b)
☐ Wetland / State Jurisdiction Off Site
☐ Wetland / Federal Jurisdiction On Site (Answer 12b)
☐ Wetland / Federal Jurisdiction Off Site
☐ Stream / Creek On Site
☐ Stream / Creek Off Site
☐ River On Site
☐ River Off Site
☐ Lake On Site
☐ Lake Off Site
☐ Other Type On Site
☐ Other Type Off Site

- ☐ Regulatory Map
- ☐ Delineated by Consultant
- ☐ Delineated by Army Corps of Engineers
- ☐ Other (identify)

☐ Yes ☐ No

☐ Yes ☐ No

☐ Yes ☐ No

☐ Yes ☐ No

--	--	--	--	--	--

☐ Yes ☐ No

☐ Yes ☐ No ☐ Unknown

[illegible][illegible]

☐ Yes ☐ No ☐ Unknown

☐ Yes ☐ No

☐ Yes ☐ No

☐ **Yes** ☐ **No**

24. The Stormwater Pollution Prevention Plan (SWPPP) was prepared by:

- ☐ Professional Engineer (P.E.)
- ☐ Soil and Water Conservation District (SWCD)
- ☐ Registered Landscape Architect (R.L.A)
- ☐ Certified Professional in Erosion and Sediment Control (CPESC)
- ☐ Owner/Operator
- ☐ Other

[illegible]

SWPPP Preparer

[illegible]

Contact Name (Last, Space, First)

[illegible]

Mailing Address

[illegible]

City

[illegible]

State

--	--

Zip

				-				
--	--	--	--	---	--	--	--	--

Phone

--	--	--	--

Fax

	-		-	
--	---	--	---	--

Email

[illegible][illegible]

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-0-10-001. 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.

First Name

[illegible]

MI

--	--

Last Name

[illegible]

Signature

Date _____

--	--

 /

--	--

 /

--	--	--	--

25. Has a construction sequence schedule for the planned management practices been prepared? ☐ Yes ☐ No

☐ Yes ☐ No

26. Select **all** of the erosion and sediment control practices that will be employed on the project site:

Temporary Structural

- ☐ Check Dams
- ☐ Construction Road Stabilization
- ☐ Dust Control
- ☐ Earth Dike
- ☐ Level Spreader
- ☐ Perimeter Dike/Swale
- ☐ Pipe Slope Drain
- ☐ Portable Sediment Tank
- ☐ Rock Dam
- ☐ Sediment Basin
- ☐ Sediment Traps
- ☐ Silt Fence
- ☐ Stabilized Construction Entrance
- ☐ Storm Drain Inlet Protection
- ☐ Straw/Hay Bale Dike
- ☐ Temporary Access Waterway Crossing
- ☐ Temporary Stormdrain Diversion
- ☐ Temporary Swale
- ☐ Turbidity Curtain
- ☐ Water bars

Biotechnical

- **Brush Matting**
- **Wattling**

Other

[illegible]

Vegetative Measures

- ☐ **Brush Matting**
- ☐ **Dune Stabilization**
- ☐ **Grassed Waterway**
- ☐ **Mulching**
- ☐ **Protecting Vegetation**
- ☐ **Recreation Area Improvement**
- ☐ **Seeding**
- ☐ **Sodding**
- ☐ **Straw/Hay Bale Dike**
- ☐ **Streambank Protection**
- ☐ **Temporary Swale**
- ☐ **Topsoiling**
- ☐ **Vegetating Waterways**

Permanent Structural

- ☐ Debris Basin
- ☐ Diversion
- ☐ Grade Stabilization Structure
- ☐ Land Grading
- ☐ Lined Waterway (Rock)
- ☐ Paved Channel (Concrete)
- ☐ Paved Flume
- ☐ Retaining Wall
- ☐ Riprap Slope Protection
- ☐ Rock Outlet Protection
- ☐ 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

27. Indicate **all** Stormwater Management Practice(s) that will be installed/constructed on this site:

Ponds

- ☐ Micropool Extended Detention (P-1)
☐ Wet Pond (P-2)
☐ Wet Extended Detention (P-3)
☐ Multiple Pond System (P-4)
☐ Pocket Pond (P-5)

Filtering

- ☐ Surface Sand Filter (F-1)
☐ Underground Sand Filter (F-2)
☐ Perimeter Sand Filter (F-3)
☐ Organic Filter (F-4)
☐ Bioretention (F-5)

☐ Other

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Alternative Practice

- ☐ Rain Garden
☐ Cistern
☐ Green Roof
☐ Stormwater Planters
☐ Permeable Paving (Modular Block)

Wetlands

- ☐ Shallow Wetland (W-1)
☐ Extended Detention Wetland (W-2)
☐ Pond/Wetland System (W-3)
☐ Pocket Wetland (W-4)

Infiltration

- ☐ Infiltration Trench (I-1)
☐ Infiltration Basin (I-2)
☐ Dry Well (I-3)
☐ Underground Infiltration System

Open Channels

- ☐ Dry Swale (O-1)
☐ Wet Swale (O-2)

Verified Proprietary Practice

- ☐ Hydrodynamic
☐ Wet Vault
☐ Media Filter

28. Describe other stormwater management practices not listed above or explain any deviations from the technical standards.

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

29. Has a long term Operation and Maintenance Plan for the post-construction stormwater management practice(s) been developed? ☐ Yes ☐ No

If Yes, Identify the entity responsible for the long term Operation and Maintenance

30. Provide the total water quality volume required and the total provided for the site.

WQv Required
 . acre-feet

WQv Provided
 . acre-feet

31. Provide the following Unified Stormwater Sizing Criteria for the site.

Total Channel Protection Storage Volume (CPv) - Extended detention of post-developed 1 year, 24 hour storm event

CPv Required
 . acre-feet

CPv Provided
 . acre-feet

31a. The need to provide for channel protection has been waived because:

- ☐ **Site discharges directly to fourth order stream or larger**

Total Overbank Flood Control Criteria (Qp) - Peak discharge rate for the 10 year storm

Pre-Development
 . CFS

Post-development
 . CFS

Total Extreme Flood Control Criteria (Qf) - Peak discharge rate for the 100 year storm

Pre-Development
 . CFS

Post-development
 . CFS

31b. The need to provide for flood control has been waived because:

- ☐ **Site discharges directly to fourth order stream or larger**
☐ **Downstream analysis reveals that flood control is not required**

IMPORTANT: For questions 31 and 32, impervious area should be calculated considering the project site and all offsite areas that drain to the post-construction stormwater management practice(s). (Total Drainage Area = Project Site + Offsite areas)

32. Pre-Construction Impervious Area - As a percent of the Total Drainage Area enter the percentage of the existing impervious areas before construction begins.

%

33. Post-Construction Impervious Area - As a percent of the Total Drainage Area, enter the percentage of the future impervious areas that will be created/remain on the site after completion of construction.

%

34. Indicate the total number of post-construction stormwater management practices to be installed/constructed.

35. Provide the total number of stormwater discharge points from the site. (include discharges to either surface waters or to separate storm sewer systems)

- ☐ Air Pollution Control
- ☐ Coastal Erosion
- ☐ Hazardous Waste
- ☐ Long Island Wells
- ☐ Mined Land Reclamation
- ☐ Other SPDES
- ☐ Solid Waste
- ☐ None
- ☐ Other
- ☐ Navigable Waters Protection / Article 15
- ☐ Water Quality Certificate
- ☐ Dam Safety
- ☐ Water Supply
- ☐ Freshwater Wetlands/Article 24
- ☐ Tidal Wetlands
- ☐ Wild, Scenic and Recreational Rivers
- ☐ Stream Bed or Bank Protection / Article 15

[illegible]

☐ Yes ☐ No

[illegible]

☐ Yes ☐ No

☐ Yes ☐ No

--	--	--	--	--	--	--	--	--

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.

[illegible]

--	--

[illegible]

	/		/	
--	---	--	---	--

MS4 Acceptance Form

**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
for**

Construction Activities Seeking Authorization Under SPDES General Permit

*(NOTE: Attach Completed Form to Notice Of Intent and Submit to Address Above)

I. Project Owner/Operator Information

1. Owner/Operator Name: Empire Tissue Company, LLC

2. Contact Person: James L. Austin

3. Street Address: 43 Orchard Street

4. City/State/Zip: Rhinebeck, NY 12572

II. Project Site Information

5. Project/Site Name: Mathews Avenue Site Redevelopment

6. Street Address: 303 Belle Isle Road

7. City/State/Zip: Solvay, NY 13209

III. Stormwater Pollution Prevention Plan (SWPPP) Review and Acceptance Information

8. SWPPP Reviewed by: Tony DeStefano

9. Title/Position: Solvay Village Engineer

10. Date Final SWPPP Reviewed and Accepted:

IV. Regulated MS4 Information

11. Name of MS4: Village of Solvay

12. MS4 SPDES Permit Identification Number: NYR20A 057

13. Contact Person: Mark Cazzolli, Village of Solvay Highway Superintendent

14. Street Address: 1100 Woods Road

15. City/State/Zip: Solvay, NY 13209

16. Telephone Number: 315-468-1606

(NYS DEC - MS4 SWPPP Acceptance Form - January 2010)

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:

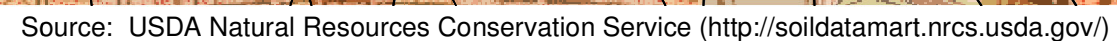
Signature:

Date:

VI. Additional Information

***NYSDEC NOI
Acknowledgement Form***

*Location Map/Soils
Information*

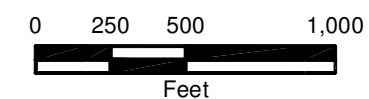


 MATHEWS AVENUE SITE BOUNDARY
 ONONDAGA COUNTY SOIL SURVEY

Cd	Canandaigua mucky silt loam
ML	Made Land
Ms	Martisco and Warners Soils
NgA	Niagara silt loam
Ub	Urban Land
Wv	Weaver silt loam

MATHEWS AVENUE
SITE REDEVELOPMENT
VILLAGE OF SOLVAY, NEW YORK

SOIL SURVEY



APRIL 2010
4152.39256

Pre-Construction Requirements

Pre-Construction Requirements

Project: Mathews Avenue Site Redevelopment

Location: Village of Solvay, Onondaga County

Instructions to Owner/Operator/Contractor

1. The owner, operator and contractor shall read this Stormwater Pollution Prevention Plan document to become familiar with all aspects of Stormwater Pollution Prevention associated with this project. This document needs to be kept on file at the work site at all times (*i.e.* in the work trailer).
2. The owner/operator/contractor shall read the New York State Department of Environmental Conservation SPDES General Permit for Storm Water Discharges from Construction Activities GP-0-10-001. This SWPPP has been prepared by the owner to assist the contractor with compliance with GP-0-10-001. The contractor must follow the SWPPP and understand that this document constitutes the minimum standards for compliance of GP-0-10-001.
3. In the event of a transfer of ownership or responsibility for stormwater runoff, the original Owner or Operator (permittee) must notify the new Owner or Operator, in writing of the requirement to obtain permit coverage by submitting a new Notice of Intent. Once the new Owner or Operator obtains permit coverage, the original Owner or Operator shall submit a completed Notice of Termination (NOT) with the name and permit identification number of the new Owner or Operator. If the original Owner or Operator maintains ownership of a portion of the construction activity and will disturb soil, they must obtain their coverage under the general permit. Permit coverage for the new Owner or Operator will be effective as of the date a completed NOI is sent and an acknowledgement letter is received. 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.
4. Prior to commencing soil disturbance, the contractor/owner/operator must complete the forms and certifications in this Appendix. This information shall be kept updated.
5. All enclosed certifications shall be completed and each one of the subcontractors shall complete their portion of the certification. Each certification is to be completed and signed by a president, treasurer or vice president or any person who performs similar policy or decision making functions and by the on-site individual having responsibility for the firm and each one of the subcontractors implementing erosion control measures.

Pre-Construction Requirements

Project: Mathews Avenue Site Redevelopment
Town of: Village of Solvay, Onondaga County

I. PRE-CONSTRUCTION MEETING DOCUMENTS

Project Name Mathews Avenue Site Redevelopment
Permit No. _____ Date NYSDEC of Authorization _____
Name of Owner/Operator _____
Prime Contractor _____
Sub Contractors _____

a. Preamble to Site Assessment and Inspections

The Following Information to be read by All Person's involved in The Construction of Stormwater Related Activities:

The Owner/Operator agrees to have a qualified inspector¹ conduct an assessment of the site prior to the commencement of construction². The Owner/Operator shall certify in this inspection report that the appropriate erosion and sediment controls described in the SWPPP have been adequately installed and implemented to ensure overall preparedness of the site for the commencement of construction.

When construction starts, site inspections shall be conducted by the qualified inspector at least every 7 calendar days. For sites where the owner has received authorization for NYSDEC to disturb greater than five acres of soil at one time, the qualified inspector shall conduct at least two site inspections every seven calendar days. There should be a minimum of two full calendar days between inspections. The Owner/Operator shall maintain a record of all inspection reports on site and be made available to the permitting authorities upon request.

Prior to filing the Notice of Termination or the end of permit term, the Owner/Operator shall have a qualified inspector perform a final site inspection. The qualified inspector shall certify that the site has undergone final stabilization³ using either vegetative or structural stabilization methods and that all temporary erosion and sediment controls (such as silt fencing) not needed for long-term erosion control have been removed. In addition, the Operator must identify and certify that all permanent structures described in the SWPPP have been constructed and provide the owner(s) with an operation and maintenance plan that ensures the structure(s) continuously functions as designed.

¹ "Qualified Inspector means a person knowledgeable in the principles and practices of erosion and sediment controls, such as a licensed Professional Engineer, Certified Professional in Erosion and Sediment Control (CPESC), licensed Landscape Architect, or other Department endorsed individual. It also means someone working under the direction and supervision of a licensed Professional Engineer or licensed Landscape Architect, provided that person has training in the principles and practices of erosion and sediment control.

² "Commencement of construction" means the initial disturbance of soils associated with clearing, grading or excavation activities or other construction activities that disturb or expose soils such as demolition or stockpiling of fill material.

³ "Final stabilization means that all soil-disturbance activities at the site have ceased and uniform, perennial vegetative cover with a density of eighty (80) percent over the entire pervious surface has been established or 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.

Pre-Construction Requirements

Project: Mathews Avenue Site Redevelopment
Town of: Village of Solvay, Onondaga County

Construction (soil disturbance) shall not commence until all Erosion & Sediment Control Facilities have been installed, inspected and found acceptable by the Owner/Operator.

Pre-construction Site Assessment Checklist

(NOTE: Provide comments below as necessary)

1. Notice of Intent, SWPPP, and Contractors Certification:

Yes No NA

- | | | | |
|--------------------------|--------------------------|--------------------------|--|
| ☐ | ☐ | ☐ | Has a Notice of Intent been filed with an acknowledgement letter received from the NYS Department of Conservation? |
| ☐ | ☐ | ☐ | Has MS4 Approval Letter (if needed) been received? |
| ☐ | ☐ | ☐ | Is the SWPPP on-site? Where? _____ |
| ☐ | ☐ | ☐ | Is the Plan current? What is the latest revision date? _____ |
| ☐ | ☐ | ☐ | Is a copy of the NOI (with brief description) on-site: Where? _____ |
| ☐ | ☐ | ☐ | Have all contractors involved with the stormwater related activities signed a Contractor's Certification? |
| ☐ | ☐ | ☐ | Has Contractors stabilization/construction sequence been received? |

2. Resource Protection

Yes No NA

- | | | | |
|--------------------------|--------------------------|--------------------------|--|
| ☐ | ☐ | ☐ | Are construction limits clearly flagged or fenced? _____ |
| ☐ | ☐ | ☐ | Important trees and associated rooting zones, on-site septic system absorption fields, existing vegetated areas suitable for filter strips, especially in perimeter areas, have been flagged for protection. |
| ☐ | ☐ | ☐ | Creek crossings installed prior to land-disturbing activity, including clearing and blasting. |

3. Surface Water Protection

Yes No NA

- | | | | |
|--------------------------|--------------------------|--------------------------|---|
| ☐ | ☐ | ☐ | Clean stormwater runoff has been diverted from areas to be disturbed. |
| ☐ | ☐ | ☐ | Bodies of water located either on-site or in the vicinity of the site have been identified and protected. |
| ☐ | ☐ | ☐ | Appropriate practices to protect on-site or downstream surface water are installed. |
| ☐ | ☐ | ☐ | Are clearing and grading operations divided into areas <5 acres? |

4. Stabilized Construction Entrance

Yes No NA

- | | | | |
|--------------------------|--------------------------|--------------------------|---|
| ☐ | ☐ | ☐ | A temporary construction entrance to capture mud and debris from construction vehicles before they enter the public highway has been installed. |
| ☐ | ☐ | ☐ | Other access areas (entrances, construction routes, and equipment parking areas) are stabilized immediately as work takes place with gravel or other cover. |
| ☐ | ☐ | ☐ | Sediment tracked onto public streets is removed or cleaned on a regular basis. |

5. Perimeter Sediment Controls

Yes No NA

- | | | | |
|--------------------------|--------------------------|--------------------------|---|
| ☐ | ☐ | ☐ | Silt fence material and installation comply with the standard drawing and specifications. |
|--------------------------|--------------------------|--------------------------|---|

Pre-Construction Requirements

Project: Mathews Avenue Site Redevelopment

Town of: Village of Solvay, Onondaga County

- | | | | |
|--------------------------|--------------------------|--------------------------|---|
| ☐ | ☐ | ☐ | Silt fences are installed at appropriate spacing intervals. |
| ☐ | ☐ | ☐ | Sediment/detention basin was installed as first land disturbing activity. |
| ☐ | ☐ | ☐ | Sediment traps and barriers are installed. |

6. Pollution Prevention for Waste and Hazardous Materials

Yes No NA

- | | | | |
|--------------------------|--------------------------|--------------------------|--|
| ☐ | ☐ | ☐ | The Operator or designated representative has been assigned to implement the spill prevention avoidance and response plan. |
| ☐ | ☐ | ☐ | The plan is contained in the SWPPP on page _____ |
| ☐ | ☐ | ☐ | Appropriate materials to control spills are on-site. Where? _____ |

b. Qualified Inspector's Credentials and Certification

"I hereby certify that I meet the criteria set forth in the General Permit to conduct site inspections for this project and that the appropriate erosion and sediment controls described in the SWPPP and as described in the following Pre-construction Site Assessment Checklist have been adequately installed or implemented, ensuring the overall preparedness of this site for the commencement of construction"

Name (please print): _____

Title: _____ Date: _____

Address: _____

Phone: _____ Email: _____

Signature: _____

Pre-Construction Requirements

CONTRACTOR'S CERTIFICATION STATEMENT

(Each Contractor/Sub-Contractor is required to sign the certification statement prior to working on-site).

I. SITE INFORMATION

Construction Site Name: Mathews Avenue Site Redevelopment

Site Location: Village of Solvay, Onondaga County

II. CONTRACTORS INFORMATION

Contracting Firm

Contracting Firm Address

Telephone Number(s)

Contact(s) 1)

2)

3)

Name(s) of Trained Individual(s) that will be responsible from contractor's company for implementing the SWPPP:

Name _____ Title _____

Name _____ Title _____

A trained individual is an employee 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.

III. STORMWATER MEASURES

Contractor is responsible for implementing and maintaining the following storm water measures:

1.

IV. CERTIFICATION

"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. I also certify, that I have received a copy of the SWPPP and will retain a copy of such SWPPP on-site during construction"

V. SIGNATURE: _____

DATE

Name (print): _____

Title:

Pre-Construction Requirements

Project Name: Mathews Avenue Site Redevelopment

Town of: Village of Solvay, Onondaga County

Construction Stabilization Schedule

The Contractor shall initiate stabilization measures as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, but in no case more than 14 days from the date the soil disturbance activity ceased. When construction activity is precluded by snow cover, stabilization measures shall be initiated as soon as practicable.

THE CONTRACTOR IS RESPONSIBLE TO PROVIDE THE FOLLOWING SCHEDULE FOR REVIEW BY THE OWNER:

MAJOR GRADING ACTIVITY	PORTION OF THE SITE	DATE COMMENCED	DATE TO BE (PERMANENTLY OR TEMPORARILY STABLIZED)

Inspection Reports

FIELD RECORD COPY

SWPPP INSPECTION FORM

Mathews Avenue Site Redevelopment **VILLAGE OF SOLVAY, ONONDAGA COUNTY**

Inspection Location: 303 Belle Isle Rd. Solvay NY

Inspection #: _____

Name of Inspector: _____

Date/Time of Inspection: _____

Soil Conditions: **WET / DRY / SATURATED** (Circle One)

Weather Conditions: _____

WEEKLY INSPECTION

(Edit Checklist below for Project Specifics)

Project Checklist (indicate Areas of concern on the attached map)	Yes	No	N/A
Erosion and Sediment Controls:			
1. Are silt fences in place and functioning as shown on the plan?			
2. Are silt fences in good condition and free from visible signs of erosion?			
4. Has accumulated sediment been removed from inlets?			
5. Are construction entrances stabilized?			
6. Are temporary sediment traps installed and cleaned out as needed?			
7. Are temporary diversion swales in place and functioning as shown on the plan?			
8. Are permanent grass-lined drainage swales installed and functioning as shown on the plan?			
9. Is there any evidence of migration of silt/sediment off site?			
Stabilization Practices:			
10. Have all disturbed portions of the site where earth disturbing activities have ceased and will not resume within 14 days been temporarily stabilized by covering with plastic, mulching, or by mulching and seeding?			
11. Have all disturbed portions of the site where earth disturbing activities have permanently ceased been stabilized with topsoil and permanent seed?			
Additional Storm Water Controls:			
12. Are material storage / handling areas properly stabilized?			
13. Are dust control measures (water application, mulching) in place?			
14.			

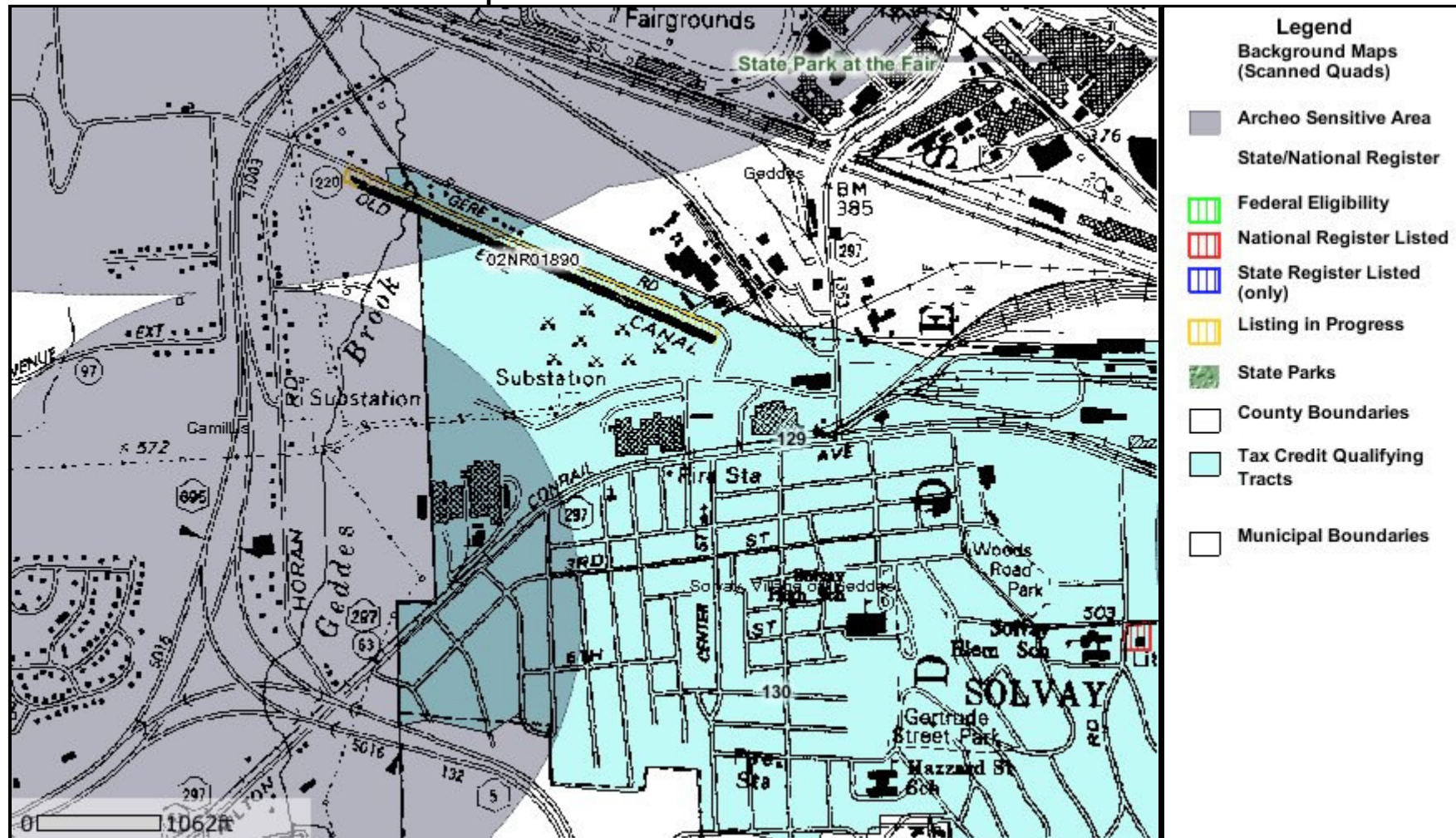
List Disturbed Areas	Currently Disturbed		Temp. Stabilized		Perm. Stabilized	
	Yes	No	Yes	No	Yes	No
1.						
2.						
3.						

Condition of Runoff at Discharge Points
1.
2.
3.

FIELD RECORD COPY

NYSOPRHP Documentation

Mathews Ave Redevelopment



April 13, 2010

Disclaimer: This map was prepared by the New York State Parks, Recreation and Historic Preservation National Register Listing Internet Application. The information was compiled using the most current data available. It is deemed accurate, but is not guaranteed.

***Post-Construction
Maintenance Requirements***

Post-Construction Requirements

Project: Mathews Avenue Site Redevelopment

Town of: Village of Solvay, Onondaga County

Post-Construction Maintenance Checklist

- ☐ Clean and sweep roadways (annual basis).
- ☐ Inspect and remove any debris from catch basin grates (monthly basis).
- ☐ Inspect catch basins and stormwater management areas (monthly basis) and remove sediment when 50% of the design capacities of the sump or forebays are filled with sediment.
- ☐ Inspect swales, riprap outlets and stormwater ponds (monthly basis) and remove any obstructions i.e., trees, brush or other foreign objects.
- ☐ Inspect site monthly and seed any disturbed or exposed areas.
- ☐ Inspect site monthly and repair erosion to embankments as necessary.
- ☐ Inspect storm sewer pipes and culverts (monthly basis) and remove any obstructions, i.e., brush, trees, etc. that would impede flows through the pipe.

Inspector

Date of Inspection

Post-Construction Requirements

Project: Mathews Avenue Site Redevelopment
Location: Village of Solway, Onondaga County

Maintenance Inspection Checklists

Stormwater Pond/Wetland Operation, Maintenance and Management Inspection Checklist

Project: Mathews Avenue Site Redevelopment
Location: Village of Solway, Onondaga County, New York
Site Status: _____

Date: _____
Time: _____

Inspector: _____

Maintenance Item	Satisfactory/ Unsatisfactory	Comments
1. Embankment and emergency spillway (Annual, After Major Storms)		
1. Vegetation and ground cover adequate		
2. Embankment erosion		
3. Animal burrows		
4. Unauthorized planting		
5. Cracking/bulging, or sliding of dam		
a. Upstream face		
b. Downstream face		
c. At or beyond toe		
downstream		
upstream		
d. Emergency spillway		
6. Pond, toe & chimney drains clear and functioning		
7. Seeps/leaks on downstream face		
8. Slope protection or riprap failure		
9. Vertical/horizontal alignment of top of dam "As-Built"		
10. Emergency spillway clear of obstructions and debris		
11. Other (specify)		

Maintenance Item	Satisfactory/ Unsatisfactory	Comments
2. Riser and principal spillway (Annual)		
Type: Reinforced concrete _____ Corrugated pipe _____ Masonry _____		
1. Low flow orifice obstructed		
2. Low flow trash rack		
a. Debris removal necessary		
b. Corrosion control		
3. Weir trash rack maintenance		
a. Debris removal necessary		
b. Corrosion control		
4. Excessive sediment accumulation insider riser		
5. Concrete/masonry condition riser and barrels		
a. Cracks or displacement		
b. Minor spalling (<1")		
c. Major spalling (rebars exposed)		
d. Joint failures		
e. Water tightness		
6. Metal pipe condition		
7. Control valve		
a. Operational/exercised		
b. Chained and locked		
8. Pond drain valve		
a. Operational/exercised		
b. Chained and locked		
9. Outfall channels functioning		
10. Other (specify)		
3. Permanent Pool (Wet Ponds) (monthly)		
1. Undesirable vegetative growth		
2. Floating or floatable debris removed required		
3. Visible pollution		
4. Shoreline problem		
5. Other (specify)		

Project: Mathews Avenue Site Redevelopment
Location: Village of Solvay, Onondga County
New York State Stormwater Management Design Manual

Maintenance Item	Satisfactory/ Unsatisfactory	Comments
4. Sediment Forebays		
1. Sedimentation noted		
2. Sediment cleanout when depth <50% design depth		
5. Dry Pond Areas		
1. Vegetation adequate		
2. Undesirable vegetative growth		
3. Undesirable woody vegetation		
4. Low flow channels clear of obstructions		
5. Standing water or wet spots		
6. Sediment and/or trash accumulation		
7. Other (specify)		
6. Conditions of Outfalls (Annual, After Major Storms)		
1. Riprap failures		
2. Slope erosion		
3. Storm drainpipes		
4. Endwalls/Headwalls		
5. Other (specify)		
7. Other (Monthly)		
1. Encroachment on pond, wetland or easement area		
2. Complaints from residents		
3. Aesthetics		
a. Grass growing required		
b. Graffiti removal needed		
c. Other (Specify)		
4. Conditions of maintenance access routes		
5. Signs of hydrocarbon build-up		
6. Any public hazards (specify)		

Project: Mathews Avenue Site Redevelopment
 Location: Village of Solvay, Onondga County
 New York State Stormwater Management Design Manual

Maintenance Item	Satisfactory/ Unsatisfactory	Comments
8. Wetland Vegetation (Annual)		
1. Vegetation healthy and growing Wetland maintaining 50% surface area coverage of wetland plants after the second growing season. (If unsatisfactory, reinforcement plantings needed)		
2. Dominant wetland plants: Survival of desired wetland plant species Distribution according to landscaping plan?		
3. Evidence of invasive species		
4. Maintenance of adequate water depths for desired wetland plant species		
5. Harvesting of emergent plantings needed		
6. Have sediment accumulations reduced pool volume significantly or are plants “choked” with sediment.		
7. Eutrophication level of the wetland		
8. Other (Specify)		

Comments:

Actions to be Taken:

***NYSDEC General Permit
Notice of Termination***



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

(NOTE: Submit completed form to address above)

NOTICE OF TERMINATION for Storm Water Discharges Authorized
under the SPDES General Permit 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:

5. Contact Person E-Mail:

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 with the general permit and SWPPP.

***Date final stabilization completed** (month/year): _____

9b. ☐ Permit coverage has been transferred to new owner/operator. Indicate new owner/operator's permit identification number: NYR ____

(Note: Permit coverage can not be terminated by owner identified in I.1. above until new owner/operator obtains coverage under the general permit)

9c. ☐ Other (Explain on Page 2)

IV. Final Site Information:

10a. Did this construction activity require the development of a SWPPP that includes post-construction stormwater management practices? ☐ yes ☐ no (If no, go to question 10f.)

10b. Have all post-construction stormwater management practices included in the final SWPPP been constructed? ☐ yes ☐ no (If no, explain on Page 2)

10c. Identify the entity responsible for long-term operation and maintenance 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 ☐ no

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, the deed of record has been modified to include a deed covenant 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)

11. Is this project subject to the requirements of a regulated, traditional land use control MS4? ☐ yes ☐ no
(If Yes, complete section VI - "MS4 Acceptance" statement)

V. Additional Information/Explanation:

(Use this section to answer questions 9c. and 10b., if applicable)

VI. MS4 Acceptance - MS4 Official (principal executive officer or ranking elected official) or Duly Authorized Representative (Note: Not required when 9b. is checked -transfer of coverage)

I have determined that it is acceptable for the owner or operator of the construction project identified in question 5 to submit the Notice of Termination at this time.

Printed Name:

Title/Position:

Signature:

Date:

NOTICE OF TERMINATION for Storm Water Discharges Authorized under the SPDES General Permit for Construction Activity - continued	
VII. Qualified Inspector Certification - Final Stabilization:	
I hereby certify that all disturbed areas have achieved final stabilization as defined in the current version of the general permit, 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:
VIII. Qualified Inspector Certification - Post-construction Stormwater Management 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:
IX. 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:	
Signature:	Date:

(NYS DEC Notice of Termination - January 2010)

*Stormwater Management
Plan Report (Bound
Separately)*