

STORMWATER POLLUTION PREVENTION PLAN (SWPPP)

District East Redevelopment Project

Draft

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TO BE INSERTED PRIOR TO SUBMISSION

1. DEFINITIONS & ACRONYMS

DEFINITIONS

Commencement of Construction: 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.

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

Final Stabilization: all soil disturbance activities at the site have ceased, and uniform perennial vegetative cover with a density of 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.

Qualified Inspector: a person that is knowledgeable in the principles and practices of erosion and sediment control. Qualified Inspectors include:

- A person with one of the following credentials: a Licensed Professional Engineer, Certified Professional in Erosion and Sediment Control (CPESC), or a Registered Landscape Architect
- A person working under the direct supervision of, and at the same company as, the Licensed Professional Engineer or Registered Landscape Architect, provided that person has training in the principles and practices of erosion and sediment control (i.e. the individual has received 4 hours of NYSDEC endorsed training in proper erosion and sediment control within the prior 3 years).

Trained Contractor: an employee from a contracting (construction) firm that has received 4 hours of NYSDEC endorsed training from a Soil and Water Conservation District (or other NYSDEC endorsed entity), in proper erosion and sediment control principles no later than 2 years from the date this general permit is issued. After receiving the initial training, the trained individual shall receive 4 hours of training every 3 years.

Temporarily Ceased: an existing disturbed area that will not be disturbed again within 14 calendar days of the previous soil disturbance.

Temporary Stabilization: when exposed soil has been covered with materials to prevent the exposed soil from eroding as set forth in the NYS Standards and Specifications for Erosion and Sediment Control. Examples of materials include mulch, seed and mulch, and rolled erosion control products.

ACRONYMS

DOW: Department of Water

MS4: Municipal Separate Storm Sewer System

NOI: Notice of Intent

NOT: Notice of Termination

NYSDEC: New York State Department of Environmental Conservation

SWPPP: Stormwater Pollution Prevention Plan

2. INTRODUCTION AND REGULATORY REQUIREMENTS

This Stormwater Pollution Prevention Plan (SWPPP) has been prepared by Environmental Design & Research, Landscape Architecture, Engineering & Environmental Services, D.P.C. (EDR), referred to as the Engineer, to provide instruction on appropriate construction management practices that will guide **OHB Redey, LLC**, referred to as the Owner, in its field activities and operations to minimize the discharge of pollutants in stormwater runoff and protect water quality during and after construction activities.

ALL PERSONNEL ENGAGED IN **THE DISTRICT EAST REDEVELOPMENT PROJECT** CONSTRUCTION ACTIVITIES SHALL ABIDE BY THIS SWPPP.

This SWPPP is a requirement of 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-0-20-001 (General Permit), effective January 29, 2020, with an expiration date of January 28, 2025. The General Permit authorizes stormwater discharges to surface waters of the State from construction related activities. The contents of this SWPPP discuss and describe the requirements of this permit.

The SWPPP will be kept at the project site and made available for review by applicable regulatory agencies, the Engineer, and contractors. Regulatory agencies that have jurisdiction over the Project site may elect to review this SWPPP and, if necessary, may notify the Owner that modifications to the SWPPP or site conditions are required.

The NOI, SWPPP, and inspection reports must be made available for public review by the Owner. The Owner shall produce copies of these documents for any person within 5 business days of the receipt of a written request. The requester is responsible for copying costs.

The General Permit requires that a review of the Project be completed to determine whether stormwater discharge or construction activities affect a property that is an historic or archaeological resource listed or eligible for listing on the State or National Register of Historic Places. Further, the General Permit requires that a review of the Project be completed to determine whether construction activities or discharges from construction activities may adversely affect an endangered or threatened species. Documentation of this review is included in Appendix D – State Historic Preservation Office (SHPO) and Endangered and Threatened Species (E & T) documentation.

The Owner shall retain the following documents for a period of at least 5 years from the date that the site achieves final stabilization:

- The SWPPP including:
 - NOI
 - Municipal Separate Storm Sewer System (MS4) acceptance form
 - NOI acknowledgement letter
 - Contractor Certification(s)
 - NOT
- Stormwater Construction Site Inspection Reports
- Contract Documents including Construction Drawings and Technical Specifications
- Correspondence (from NYSDEC, town, engineer, etc.) regarding stormwater management

3. PERMIT COVERAGE

The erosion and sedimentation control devices included in this SWPPP were selected to minimize the discharge of pollutants and to assist in the prevention of a violation of the water quality standards as discussed in the General Permit under Section 1.B for Effluent Limitations Applicable to Discharges from Construction Activities. If there are any deviations proposed, then a demonstration of equivalence must be included.

The SWPPP for the Project has been prepared with no deviations from the 2016 New York State Standards and Specifications for Erosion and Sediment Control.

As required in Section C of the General Permit, the post-construction stormwater management practices included in this SWPPP were selected and designed to meet the performance criteria in the 2015 New York State Stormwater Management Design Manual.

The project site discharges directly to a 303(d) impaired waterbody, as identified in Appendix E of the General Permit, or is located in one of the watersheds listed in Appendix C of the General Permit. Therefore, enhanced phosphorus removal standards outlined in Chapter 10 of the New York State Stormwater Design Manual will be followed.

The District East Redevelopment Project is subject to the requirements of a regulated, traditional land use control MS4 (Town of Dewitt). Construction related stormwater discharges from the Project construction site will be authorized 5 business days from the date the NYSDEC receives a complete electronic NOI and signed MS4 SWPPP Acceptance form.

4. SWPPP REVISION REQUIREMENTS

The Owner or the Contractors shall amend this SWPPP when modifications to the design, construction, operator, or maintenance of the Project could affect the potential for discharge of pollutants in stormwater runoff. Scenarios where amendments are required include, but are not limited to, the following:

- The currently installed erosion and sediment control practices are ineffective in minimizing pollutants in stormwater discharges.
- An additional Contractor will be implementing the stormwater management and/or erosion and sediment control facilities and must complete the contractor certification.
- Issues are identified by qualified inspector, a NYSDEC representative, or other regulatory authority that require a modification.

The Contractor is responsible for the installation of all erosion and sediment control devices as specified in this SWPPP.

If changes in site conditions occur as a result of the workmanship or actions of the Contractor, time of year, and/or weather conditions, the Contractor will be responsible for revising the SWPPP Documents, implementing all SWPPP revisions, and installing all additional or revised stormwater management and erosion and sediment control devices at their own cost. All SWPPP revisions will be completed within 7 days of receiving notification that revisions are necessary. Revisions shall be reviewed and accepted by the Owner and the Engineer prior to implementation.

If existing site conditions observed by the Contractor are different than what is shown in the SWPPP documents, the Contractor shall report in writing all discrepancies to the Owner prior to any site disturbance. The Owner shall review the documented discrepancies and provide in writing acceptance or denial of discrepancies to the Contractor. When the Owner provides written acceptance of any agreed upon discrepancies prior to any site disturbance, the Owner shall revise the SWPPP Document and provide it to the Contractor within 3 days. The Contractor shall review the revised SWPPP within 3 days of receipt, and document in writing any changes to the negotiated contract. After acceptance by the Owner, the Contractor shall be responsible for full implementation of the revised SWPPP's stormwater management and erosion and sediment control practices. All SWPPP revisions will be completed within 7 days of receiving notification to proceed with the revisions.

All SWPPP revisions must be marked with the revision date and distributed by the Owner or the Contractors to the involved parties (i.e., subcontractors, Engineer, and municipality).

5. SITE INFORMATION

5.1 SITE & PROJECT DESCRIPTION

The Owner is redeveloping the 69-acre property into five distinct, yet blended, areas that are proposed to include housing, entertainment, restaurants, hospitality, retail, and office space. The District East Redevelopment Project is located on Erie Boulevard East in the Town of Dewitt.

The soils information for this site is given in Appendix C.

Stormwater from the site discharges into Butternut Creek.

5.2 SITE LOCATION AND OWNER/OPERATOR CONTACT INFORMATION

Contact information for the site is as follows:

Owner/Operator:	OHB Redev, LLC
Contact:	John F. O'Brien
Address:	321 South Salina Street, Syracuse, NY 13202

5.3 CONTRACT DOCUMENTS

The Contract Documents include Construction Drawings as listed in the Table of Contents, technical specifications, and this SWPPP.

6. SWPPP CONSTRUCTION REQUIREMENTS

6.1 PRE-CONSTRUCTION REQUIREMENTS

Prior to construction, the Owner shall have the Contractors and subcontractors identify at least 1 person from their company who meets the requirements of a Trained Contractor. This person will be responsible for the implementation of the SWPPP and the inspection of the erosion and sediment controls in accordance with the New York Standards and Specifications for Erosion & Sediment Controls. The Owner's Representative shall ensure that at least 1 Trained Contractor is on-site daily when soil disturbance activities are being performed. The Trained Contractor shall inspect the site's erosion and sediment control practices daily to ensure these facilities are operational.

Pre-construction requirements to be followed by the Owner and Contractors prior to the commencement of any construction activities are described in Appendix E.

6.2 CONSTRUCTION REQUIREMENTS

Construction activity will not disturb greater than 5 acres of soil at any one time without prior written permission of the Owner's Representative and the DOW SPDES program contact at the regional NYDEC office/MS4 stormwater contact.

6.2a Over 5 Acres of Disturbance

To obtain approval from the regional NYSDEC office/MS4, the Owner is required to submit a written request to DOW SPDES program contact at the regional NYSDEC office/MS4 stormwater contact that contains the following information:

- A phasing plan that defines:
 - The maximum disturbed area per phase,
 - The required cuts and fills,
 - Any additional erosion and sediment control measures that will be implemented, and
 - Identification of additional water quality treatment practices to be installed.
- An explanation of why the 5-acre disturbance limit must be exceeded.
- Acknowledgement that a qualified inspector will conduct at least 2 site inspections every 7 days. The inspections must be separated by a minimum of 2 calendar days.
- Acknowledgement that where soil disturbance activity has been temporarily or permanently ceased, temporary and/or permanent soil stabilization measures, in conformance with the New York State Standards and Specifications for Erosion and Sediment Control, shall be installed within 7 days of the date the soil disturbance activity ceased.
- Acknowledgement that the Owner/Operator shall install any additional practices to protect water quality as necessary based on site conditions.

6.2b Construction Sequence (to be updated at time of construction document preparation)

The Contractors shall install erosion and sediment control practices downstream of the Project area, prior to disturbance, to prevent sediment transport to offsite areas. General Construction Sequence includes:

- Install temporary stabilized construction entrance and temporary construction staging area. Install silt fence on downgradient side of entire temporary staging area.
- Install construction fence, vegetation protection, and construction road stabilization as necessary for site work.
- Install silt fence prior to upgradient soil disturbances.
- Strip topsoil and create stabilized stockpile on-site.
- Install and stabilize sediment trapping devices along with contributing drainage swales.
- Establish rough grade for site and stormwater management practices. Leave slope surfaces slightly roughened to a depth of 1-2 inches. Do not back blade slopes.
- Sediment traps, temporary diversion swales and/or temporary outlets, as shown on the drawings, should be installed around permanent basins to direct and discharge runoff until the site is stabilized.
- Begin site work including utilities installation, grading, and road construction.
- Install inlet protection after storm sewers are constructed.
- Complete Soil Restoration per Section 5.1.6 of the Design Manual on all disturbed areas that will be vegetated in their final states.
- Complete fine grading.
- Apply permanent seed and mulch.
- Install remainder of planting and seed the Project site.
- When site has reached final stabilization, remove temporary erosion and sediment control measures.

6.2c Construction Site Inspection

The Owner will be responsible for providing a Qualified Inspector to inspect erosion and sediment control practices, post-construction stormwater management practices that are under construction, disturbed areas, and all points of discharge from the construction site.

Specifically, the Qualified Inspector shall:

- Inspect all erosion and sediment control practices to ensure integrity and effectiveness.
- Verify that erosion and sediment control practices required by the SWPPP and the General Permit have been installed as appropriate for the phase of work and conditions at the site.
- Ensure that post-construction stormwater management practices are installed in accordance with the SWPPP.
- Inspect all areas of disturbance that have not achieved final stabilization.

- Observe all points of discharge from the site, including natural surface waterbodies located within or immediately adjacent to the construction site, conveyance systems, and overland flow.
- Provide the certifications required for the NOT.

The Qualified Inspector shall also take digital photographs, with date-stamp, that clearly show the conditions of erosion and sediment control practices and stormwater management practices that have been identified as needing corrective actions and of practices that have had corrective actions since the last inspection. These photographs shall be attached to the inspection from within 7 calendar days of the inspection.

If corrective actions are needed, the Qualified Inspector must notify the Owner and the appropriate Contractor within 1 business day of completing the inspection. The Contractor shall begin implementing the corrective action within 1 business day of receiving notification and complete it within 7 calendar days following the date of the inspection. Additional mitigation measures are to be implemented by the Contractors if necessary due to site conditions to minimize sediment transport or discharge of sediment laden runoff off-site.

Temporary Construction Shutdown

If soil disturbing activities have been temporarily suspended, such as for winter shutdown, and temporary stabilization measures have been applied to all disturbed areas, the Owner may reduce inspections to a minimum of 1 inspection every 30 calendar days. The Owner shall notify the DOW SPDES program contact at the NYSDEC Regional Office/MS4's stormwater contact in writing prior to reducing the frequency of inspections. The Owner shall resume inspections in accordance with this section as soon as soil disturbance activities resume.

Final Site Inspection

The Qualified Inspector shall perform a final inspection of the site to certify that:

- All disturbed areas have achieved final stabilization.
- Temporary erosion and sediment control practices have been removed.
- Post-construction stormwater management practices have been constructed in conformance with the SWPPP.

Prior to certification, at their own cost, the Contractors shall supply as-built topographic surveys of all post-construction stormwater management practices to document that the stage/storage relationship has been met. As-builts shall also show rims, inverts, orifices, pipe sizes and elevations, etc. Upon satisfactory completion of the final site inspection, the Qualified Inspector shall provide the certifications required to file the NOT form provided in Appendix I.

6.2d Authorized Non-Stormwater Discharges

Uncontaminated discharges from the following sources are authorized provided that they are directed to a sediment trapping device:

- Clean wash water (does not contain soaps, detergents or solvents) from cleaning construction vehicles and equipment
- Site dewatering (ground water) from pits, excavations, and trenches

Sediment trapping devices shall be designed and located by the Contractor and approved by the Owner and the Engineer prior to installation.

If clean, potable water is discharged from the site for any reason, it shall be directed over a grassed area prior to reaching off-site areas. Potable water shall not be discharged directly to a natural waterbody or watercourse.

Water used for dust control shall be applied using appropriate quantities and methods. No chemicals, soaps, detergents, etc., shall be used.

6.2e Prohibited Non-Stormwater Discharges

The following discharges are prohibited:

- Wastewater from washout and cleanout of concrete, stucco, paint, form release oils, curing compounds, and other construction materials*
- Fuels, oils, or other pollutants used in vehicle and equipment operation and maintenance
- Soaps or solvents used in vehicle and equipment washing
- Toxic or hazardous substances from a spill or other release

*It is a requirement of this SWPPP that these materials be washed out into a containment area or tank on site. All waste material must be disposed of off-site in accordance with Federal, State, and local requirements.

6.2f Maintaining Surface Water Quality

It is expected that compliance with this SWPPP and the General Permit will prevent discharges of pollutants which would cause or contribute to a violation of the surface water quality standards contained in Parts 700 through 705 of Title 6 of Official Compilation of Codes, Rules and Regulations of the State of New York. Potential violations include:

- An increase in turbidity that will cause substantial visible contrast to natural conditions
- An increase of suspended, colloidal or settleable solids that will cause deposition or impair surface waters for their best usages
- A residue from oil and floating substances, visible oil film, or globules of grease

If there is evidence indicating that the stormwater discharges authorized by the General Permit are causing, have reasonable potential to cause, or are contributing to a violation of surface water quality standards, the Owner or Operator must take appropriate corrective action within 1 business day. The corrective action must be documented in the next SWPPP inspection report. To address the surface water quality standard violation, the Owner or Operator may need to provide additional information, include and implement appropriate controls from this SWPPP to correct the problem, or obtain an individual SPDES Permit.

6.2g – Chemical and Oil Management

Secondary containment for oil containers shall be provided. If total oil storage on-site exceeds a cumulative total of 1,320-gallons, a spill prevention control and countermeasure (SPCC) plan is to be prepared by the Contractors and maintained on-site.

Spills of petroleum products, chemicals and other hazardous materials shall be reported in accordance with State, Federal, and local regulations. If a spill occurs at the site during construction, the Contractors shall contact the NYSDEC Spill Hotline (1-800-457-7362). The following material management practices are to be used by the Contractors to reduce the risk of spills or other accidental exposure of pollutants to stormwater runoff during construction:

- Products including, but not limited to, building materials, building products, construction waste, trash, landscaping materials, fertilizers, pesticides, herbicides, detergents, and sanitary waste shall be stored under a roof or other cover.
- Products shall be securely stored in their original containers, or as recommended by the manufacturer, and labeled appropriately.
- The amount of product stored on site will be appropriate for usage on the site. Do not bring excessive quantities to the site for storage.
- Whenever practical, products are to be used up or containers resealed before proper disposal of contents and containers off-site.
- Substances are not to be mixed with one another unless recommended by the manufacturer.

- Surplus product and empty containers are to be disposed of in accordance with manufacturers' recommendations and applicable regulations and/or permit conditions. Do not discharge any substances into the storm sewer.
- On-site vehicles are to be monitored for leaks and receive regular preventative maintenance to reduce the chance of the leakage of petroleum products. Petroleum products are to be stored in closed containers that are clearly labeled.
- Used oils are to be disposed of properly.

In addition to the material management practices discussed above, the following practices are to be followed by the Contractors for spill preparedness and cleanup.

- Spills are to be reported and cleaned up immediately after discovery.
- Manufacturers' recommended methods for spill cleanup are to be followed in the case of a spill, including the use of appropriate Personal Protective Equipment (PPE). Material Safety Data Sheets (MSDS) for materials at the site provide information on spill cleanup and should be stored in the Project office or other accessible location.
- Materials and equipment necessary for spill cleanup are to be kept in designated material storage areas onsite. Spill response materials are to include items such as brooms, dust pans, mops, rags, gloves, goggles, spill control materials, sand, sawdust, disposal containers specifically for spill cleanup, and other response materials dependent on the materials stored at the site.
- If a spill does occur at the site, a spill report is to be completed by the Contractor in accordance with NYSDEC requirements and filed with this SWPPP.

6.3 POST-CONSTRUCTION MAINTENANCE REQUIREMENTS

An NOT shall be filed with the NYSDEC when the Project is permanently stabilized. The NOT requires certification from the Qualified Inspector that the site has been stabilized and that all post-construction practices have been constructed in conformance with the SWPPP. The Owner will be the ultimate owner of the stormwater facilities and are required to have a maintenance plan in place. Post-construction maintenance and inspection checklists have been included in Appendix G for reference. Prior to submitting the NOT, the Owner must ensure that Post-construction stormwater practices will be privately owned.

7. STORMWATER MANAGEMENT DURING CONSTRUCTION

Anticipated locations for the erosion and sediment control practices are shown on the Construction Drawings. These practices, and any practices added due to conditions at the site, are to be installed and maintained in accordance with the New York State Standards and Specifications for Erosion and Sediment Control (NYSDEC 2016).

The Contractor is to provide a construction stabilization schedule (see Appendix E) to detail when construction activities are anticipated to start and when areas will be stabilized. This record is to become part of this SWPPP as Appendix E.

7.1 EROSION AND SEDIMENT CONTROLS

Proposed erosion and sediment control practices were designed in accordance with the following documents:

- New York State Standards and Specifications for Erosion and Sediment Control (NYSDEC 2016)
- New York State Stormwater Management Design Manual (the Design Manual) NYSDEC (June 2015)
- NYSDEC State Pollutant Discharge Elimination System (SPDES) General Permit for Stormwater Discharges from Construction Activity (Permit No. GP-0-20-001) (effective date January 29, 2020)

The erosion and sediment control practices are identified in the Contract Documents and must be installed and maintained to meet the requirements of the SWPPP.

Practices that must be directed to a temporary sediment trapping device that was not identified in the Contract Drawings shall be designed by the Contractor. Prior to installing these practices, the Contractor shall provide a detail and proposed location of the sediment trap to be approved by the Owner prior to installation.

Structural erosion and sediment control practices should generally be inspected weekly by a Qualified Inspector and after storms by the Trained Contractor.

7.2 STABILIZATION PRACTICES

7.2a Warm Weather Stabilization Practices

Stabilization practices must follow the guidelines specified in the 2016 New York State Standards and Specifications for Erosion and Sediment. This Project site discharges directly to a 303(d) impaired waterbody, as identified in Appendix E of the General Permit, or is located in one of the watersheds listed in Appendix C of the General Permit; therefore, for portions of the site where soil disturbance activities have temporarily or permanently ceased, stabilization measures must be initiated by the end of the next business day and completed within 7 days from the date the most recent soil disturbance activity ceased.

7.2b Winter Stabilization Practices

The following stabilization practices, per the 2016 New York State Standards and Specifications for Erosion and Sediment, will be employed by the contractor for any construction activities with ongoing land disturbance and exposure between November 15th to the following April 1st:

The Contractor shall:

- Prepare a snow management plan with adequate storage for snow and control of melt water, requiring cleared snow to be stored in a manner not affecting ongoing construction activities.
- Enlarge and stabilize access points to provide for snow management and stockpiling. Snow management activities must not destroy or degrade installed erosion and sediment control practices.
- A minimum 25-foot buffer shall be maintained from all perimeter controls such as silt fence. Mark silt fence with tall stakes that are visible above the snow pack.

- Edges of disturbed areas that drain to a waterbody within 100 feet will have 2 rows of silt fence, 5 feet apart, installed on the contour.
- Drainage structures must be kept open and free of snow and ice dams. All debris, ice dams, or debris from plowing operations, that restrict the flow of runoff and meltwater, shall be removed.
- Sediment barriers must be installed at all appropriate perimeter and sensitive locations. Silt fence and other practices requiring earth disturbance must be installed before the ground freezes.
- Soil stockpiles must be protected by the use of established vegetation, anchored straw mulch, rolled stabilization matting, or other durable covering. A barrier must be installed at least 15 feet from the toe of the stockpile to prevent soil migration and to capture loose soil.
- In areas where soil disturbance activity has temporarily or permanently ceased, the application of soil stabilization measures should be initiated by the end of the next business day and completed within 3 days. Rolled erosion control blankets must be used on all slopes 3 horizontal to 1 vertical or steeper.
- If straw mulch alone is used for temporary stabilization, it shall be applied at double the standard rate of 2 tons per acre. Other manufactured mulches should be applied at double the manufacturer's recommended rate.
- To ensure adequate stabilization of disturbed soil in advance of a melt event, areas of disturbed soil should be stabilized at the end of each work day unless:
 - work will resume within 24 hours in the same area and no precipitation is forecast or;
 - the work is in disturbed areas that collect and retain runoff, such as open utility trenches, foundation excavations, or water management areas.
- Use stone paths to stabilize access perimeters of buildings under construction and areas where construction vehicle traffic is anticipated. Stone paths should be a minimum of 10 feet in width but wider as necessary to accommodate equipment.

The site shall be inspected frequently to ensure that the erosion and sediment control plan is performing its winter stabilization function. If the site will not have earth disturbing activities ongoing during the winter season, all bare exposed soil must be stabilized by established vegetation, straw or other acceptable mulch, matting, rock, or other approved material such as rolled erosion control products. Seeding of areas with mulch cover is preferred but seeding alone is not acceptable for proper stabilization.

Compliance inspections must be performed and reports filed properly by the qualified inspector in accordance with the SWPPP for all sites under a winter shutdown.

7.3 ADDITIONAL STORMWATER CONTROLS

The following are additional Best Management Practices to be implemented at the site to minimize pollutant transport:

- Material transport – take proper precautions to prevent spilling materials during transport. Any spilled materials will be swept or removed as soon as practicable so that they do not enter surface and/or subsurface drainage systems.
- Dust control – provide dust control measures to prevent dust from leaving the site. Measures may include water application or mulching but shall not include the use of chemical additives. Any sediment that is tracked off the site shall be removed using a hand broom or other cleaning equipment.
- Solid waste management – store waste in covered dumpsters or other appropriate containers. Waste is to be disposed of regularly and properly in accordance with local, state, and/or federal regulations.
- Portable toilets – install and clean portable toilets regularly. Locate portable toilets where they will not be impacted by construction activities.
- Building materials storage – properly store and contain building materials on-site.

8. POST-CONSTRUCTION STORMWATER MANAGEMENT

Pre-Construction Site Conditions:

The Pre-Construction condition of the 69-acre site is commercial use as it is the site of Shoppingtown Mall. The soils for the site are mostly cut and fill from the previous construction of the mall, Hydrologic Soil Group (HSG) B, with an area of 69-acres (See Appendix C of the SWPPP for Web Soil Survey Reports).

Post-Construction Site Conditions and Stormwater Management:

The Post-Construction condition of the site is residential subdivision/commercial/industrial use.

8.1 STORMWATER QUALITY

The redevelopment site will be designed using the Design Manual's Green Infrastructure "Five Step" Process for the site planning, which includes the following:

- Site Planning – Conserve natural areas and reduce impervious cover
- Determine Water Quality Volume (WQv)
- Meet Runoff Reduction Volume (RRv) requirements – Apply green infrastructure techniques and standard SMPs with RRv Capacity
- Apply standard SMPs to address remaining WQv
- Meet rate reduction requirements – Apply volume control practices as necessary to meet preconstruction discharge rates.

The Chapter 9 redevelopment requirements allow for the redevelopment to provide 25% of the total water quality volume for the project.

The water quality volume required for the site is approximately 25% of the total water quality volume (~238,000 cubic-feet), which is approximately 59,500 cubic-feet.

Peak flows for the entire site assuming one point of discharge was prepared and outlined below to show the pre- and post-construction stormwater flows for the project. The preliminary results of the preconstruction and postconstruction (100% impervious) analysis for the site are shown in Table 1.

Table 1. Point of Analysis – Comparison of Pre- and Post-Construction Conditions

Point of Analysis	Site Condition	1 Year	2 Year	10 Year	100 Year
		Peak Flow (cfs)	Peak Flow (cfs)	Peak Flow (cfs)	Peak Flow (cfs)
Discharge Point	Postconstruction (Anticipated)	147	177	262	453
	Preconstruction	147	177	262	453
	Difference	0.00	0.00	0.00	0.00

Note: cfs = cubic feet per second

The existing Shoppingtown Mall site includes stormwater management for quantity which utilizes stormwater infiltration. During construction document development, the stormwater quantity analysis/design will include the following:

- Analysis showing existing infiltration for existing conditions
- Analysis showing surface/subsurface stormwater quantity controls (detention/subsurface infiltration)

The analysis will consider available off-site stormwater capacity of the surrounding systems. The stormwater system will be designed to address the Town of Dewitt off site system capacity requirements and the NYSDEC quality/quantity control requirements.

In summary, the proposed project will incorporate postconstruction SMPs that addresses the water quality and quantity requirements for the redevelopment of the project site. These practices may include green infrastructure (porous pavers, rain gardens, vegetated swales, stormwater planters, etc.), standard best management practices (wet pond, pocket pond, etc.), and subsurface quality controls. The selection of SMPs will be finalized during the construction documents phase.

Draft

Appendix A – NYSDEC Notice of Intent (NOI) and MS4 Acceptance Form

2023-01-12 - TO BE INSERTED AFTER FUTURE DESIGN PHASES ARE COMPLETE

Draft

NOI for coverage under Stormwater General Permit for Construction Activity

version 1.35

(Submission #: HPQ-NHAJ-Q71SX, version 1)

Details

Originally Started By

Submission ID

Submission Reason New

Status Draft

Form Input

Owner/Operator Information

Owner/Operator Name (Company/Private Owner/Municipality/Agency/Institution, etc.)

NONE PROVIDED

Owner/Operator Contact Person Last Name (NOT CONSULTANT)

NONE PROVIDED

Owner/Operator Contact Person First Name

NONE PROVIDED

Owner/Operator Mailing Address

NONE PROVIDED

City

NONE PROVIDED

State

NONE PROVIDED

Zip

NONE PROVIDED

Phone

NONE PROVIDED

Email

NONE PROVIDED

Federal Tax ID

NONE PROVIDED

Project Location**Project/Site Name**

NONE PROVIDED

Street Address (Not P.O. Box)

NONE PROVIDED

Side of Street

NONE PROVIDED

City/Town/Village (THAT ISSUES BUILDING PERMIT)

NONE PROVIDED

State

NONE PROVIDED

Zip

NONE PROVIDED

DEC Region

NONE PROVIDED

County

NONE PROVIDED

Name of Nearest Cross Street

NONE PROVIDED

Distance to Nearest Cross Street (Feet)

NONE PROVIDED

Project In Relation to Cross Street

NONE PROVIDED

Tax Map Numbers Section-Block-Parcel

NONE PROVIDED

Tax Map Numbers

NONE PROVIDED

1. Coordinates

Provide the Geographic Coordinates for the project site. The two methods are:

- Navigate to the project location on the map (below) and click to place a marker and obtain the XY coordinates.
- The "Find Me" button will provide the lat/long for the person filling out this form. Then pan the map to the correct location and click the map to place a marker and obtain the XY coordinates.

Navigate to your location and click on the map to get the X,Y coordinates

NONE PROVIDED

Project Details

2. What is the nature of this project?

NONE PROVIDED

3. Select the predominant land use for both pre and post development conditions.

Pre-Development Existing Landuse

NONE PROVIDED

Post-Development Future Land Use

NONE PROVIDED

3a. If Single Family Subdivision was selected in question 3, enter the number of subdivision lots.

NONE PROVIDED

4. In accordance with the larger common plan of development or sale, enter the total project site acreage, the acreage to be disturbed and the future impervious area (acreage) within the disturbed area.

*** ROUND TO THE NEAREST TENTH OF AN ACRE. ***

Total Site Area (acres)

NONE PROVIDED

Total Area to be Disturbed (acres)

NONE PROVIDED

Existing Impervious Area to be Disturbed (acres)

NONE PROVIDED

Future Impervious Area Within Disturbed Area (acres)

NONE PROVIDED

5. Do you plan to disturb more than 5 acres of soil at any one time?

NONE PROVIDED

6. Indicate the percentage (%) of each Hydrologic Soil Group(HSG) at the site.

A (%)

NONE PROVIDED

B (%)

NONE PROVIDED

C (%)

NONE PROVIDED

D (%)

NONE PROVIDED

7. Is this a phased project?

NONE PROVIDED

8. Enter the planned start and end dates of the disturbance activities.**Start Date**

NONE PROVIDED

End Date

NONE PROVIDED

9. Identify the nearest surface waterbody(ies) to which construction site runoff will discharge.

NONE PROVIDED

9a. Type of waterbody identified in question 9?

NONE PROVIDED

Other Waterbody Type Off Site Description

NONE PROVIDED

9b. If "wetland" was selected in 9A, how was the wetland identified?

NONE PROVIDED

10. Has the surface waterbody(ies) in question 9 been identified as a 303(d) segment in Appendix E of GP-0-20-001?

NONE PROVIDED

11. Is this project located in one of the Watersheds identified in Appendix C of GP-0-20-001?

NONE PROVIDED

12. Is the project located in one of the watershed areas associated with AA and AA-S classified waters?

NONE PROVIDED

If No, skip question 13.

13. Does this construction activity disturb land with no existing impervious cover and where the Soil Slope Phase is identified as D (provided the map unit name is inclusive of slopes greater than 25%), E or F on the USDA Soil Survey?

NONE PROVIDED

If Yes, what is the acreage to be disturbed?

NONE PROVIDED

14. Will the project disturb soils within a State regulated wetland or the protected 100 foot adjacent area?

NONE PROVIDED

15. Does the site runoff enter a separate storm sewer system (including roadside drains, swales, ditches, culverts, etc)?

NONE PROVIDED

16. What is the name of the municipality/entity that owns the separate storm sewer system?

NONE PROVIDED

17. Does any runoff from the site enter a sewer classified as a Combined Sewer?

NONE PROVIDED

18. Will future use of this site be an agricultural property as defined by the NYS Agriculture and Markets Law?

NONE PROVIDED

19. Is this property owned by a state authority, state agency, federal government or local government?

NONE PROVIDED

20. Is this a remediation project being done under a Department approved work plan? (i.e. CERCLA, RCRA, Voluntary Cleanup Agreement, etc.)

NONE PROVIDED

Required SWPPP Components

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)?

NONE PROVIDED

22. Does this construction activity require the development of a SWPPP that includes the post-construction stormwater management practice component (i.e. Runoff Reduction, Water Quality and Quantity Control practices/techniques)?

NONE PROVIDED

If you answered No in question 22, skip question 23 and the Post-construction Criteria and Post-construction SMP Identification sections.

23. Has the post-construction stormwater management practice component of the SWPPP been developed in conformance with the current NYS Stormwater Management Design Manual?

NONE PROVIDED

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

NONE PROVIDED

SWPPP Preparer

NONE PROVIDED

Contact Name (Last, Space, First)

NONE PROVIDED

Mailing Address

NONE PROVIDED

City

NONE PROVIDED

State

NONE PROVIDED

Zip

NONE PROVIDED

Phone

NONE PROVIDED

Email

NONE PROVIDED

Download SWPPP Preparer Certification Form

Please take the following steps to prepare and upload your preparer certification form:

- 1) Click on the link below to download a blank certification form
- 2) The certified SWPPP preparer should sign this form

3) Scan the signed form

4) Upload the scanned document

[Download SWPPP Preparer Certification Form](#)

Please upload the SWPPP Preparer Certification

NONE PROVIDED

Comment

NONE PROVIDED

Erosion & Sediment Control Criteria

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

NONE PROVIDED

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

Temporary Structural

NONE PROVIDED

Biotechnical

NONE PROVIDED

Vegetative Measures

NONE PROVIDED

Permanent Structural

NONE PROVIDED

Other

NONE PROVIDED

Post-Construction Criteria

*** IMPORTANT: Completion of Questions 27-39 is not required if response to Question 22 is No.**

27. Identify all site planning practices that were used to prepare the final site plan/layout for the project.

NONE PROVIDED

27a. Indicate which of the following soil restoration criteria was used to address the requirements in Section 5.1.6("Soil Restoration") of the Design Manual (2010 version).

NONE PROVIDED

28. Provide the total Water Quality Volume (WQv) required for this project (based on final site plan/layout). (Acre-feet)

NONE PROVIDED

29. Post-construction SMP Identification

Use the Post-construction SMP Identification section to identify the RR techniques (Area Reduction), RR techniques (Volume Reduction) and Standard SMPs with RRv Capacity that were used to reduce the Total WQv Required (#28).

Identify the SMPs to be used by providing the total impervious area that contributes runoff to each technique/practice selected. For the Area Reduction Techniques, provide the total contributing area (includes pervious area) and, if applicable, the total impervious area that contributes runoff to the technique/practice.

Note: Redevelopment projects shall use the Post-Construction SMP Identification section to identify the SMPs used to treat and/or reduce the WQv required. If runoff reduction techniques will not be used to reduce the required WQv, skip to question 33a after identifying the SMPs.

30. Indicate the Total RRv provided by the RR techniques (Area/Volume Reduction) and Standard SMPs with RRv capacity identified in question 29. (acre-feet)

NONE PROVIDED

31. Is the Total RRv provided (#30) greater than or equal to the total WQv required (#28)?

NONE PROVIDED

If Yes, go to question 36. If No, go to question 32.

32. Provide the Minimum RRv required based on HSG. [Minimum RRv Required = (P) (0.95) (Ai) / 12, Ai=(s) (Aic)] (acre-feet)

NONE PROVIDED

32a. Is the Total RRv provided (#30) greater than or equal to the Minimum RRv Required (#32)?

NONE PROVIDED

If Yes, go to question 33.

Note: Use the space provided in question #39 to summarize the specific site limitations and justification for not reducing 100% of WQv required (#28). A detailed evaluation of the specific site limitations and justification for not reducing 100% of the WQv required (#28) must also be included in the SWPPP.

If No, sizing criteria has not been met; therefore, NOI can not be processed. SWPPP preparer must modify design to meet sizing criteria.

33. SMPs

Use the Post-construction SMP Identification section to identify the Standard SMPs and, if applicable, the Alternative SMPs to be used to treat the remaining total WQv (=Total WQv Required in #28 - Total RRv Provided in #30).

Also, provide the total impervious area that contributes runoff to each practice selected.

NOTE: Use the Post-construction SMP Identification section to identify the SMPs used on Redevelopment projects.

33a. Indicate the Total WQv provided (i.e. WQv treated) by the SMPs identified in question #33 and Standard SMPs with RRv Capacity identified in question #29. (acre-feet)

NONE PROVIDED

Note: For the standard SMPs with RRv capacity, the WQv provided by each practice = the WQv calculated using the contributing drainage area to the practice - provided by the practice. (See Table 3.5 in Design Manual)

34. Provide the sum of the Total RRv provided (#30) and the WQv provided (#33a).

NONE PROVIDED

35. Is the sum of the RRv provided (#30) and the WQv provided (#33a) greater than or equal to the total WQv required (#28)?

NONE PROVIDED

If Yes, go to question 36.

If No, sizing criteria has not been met; therefore, NOI can not be processed. SWPPP preparer must modify design to meet sizing criteria.

36. Provide the total Channel Protection Storage Volume (CPv required and provided or select waiver (#36a), if applicable.

CPv Required (acre-feet)

NONE PROVIDED

CPv Provided (acre-feet)

NONE PROVIDED

36a. The need to provide channel protection has been waived because:

NONE PROVIDED

37. Provide the Overbank Flood (Qp) and Extreme Flood (Qf) control criteria or select waiver (#37a), if applicable.

Overbank Flood Control Criteria (Qp)

Pre-Development (CFS)

NONE PROVIDED

Post-Development (CFS)

NONE PROVIDED

Total Extreme Flood Control Criteria (Qf)

Pre-Development (CFS)

NONE PROVIDED

Post-Development (CFS)

NONE PROVIDED

37a. The need to meet the Qp and Qf criteria has been waived because:

NONE PROVIDED

38. Has a long term Operation and Maintenance Plan for the post-construction stormwater management practice(s) been developed?

NONE PROVIDED

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

NONE PROVIDED

39. Use this space to summarize the specific site limitations and justification for not reducing 100% of WQv required (#28). (See question #32a) This space can also be used for other pertinent project information.

NONE PROVIDED

Post-Construction SMP Identification**Runoff Reduction (RR) Techniques, Standard Stormwater Management Practices (SMPs) and Alternative SMPs**

Identify the Post-construction SMPs to be used by providing the total impervious area that contributes runoff to each technique/practice selected. For the Area Reduction Techniques, provide the total contributing area (includes pervious area) and, if applicable, the total impervious area that contributes runoff to the technique/practice.

RR Techniques (Area Reduction)

Round to the nearest tenth

Total Contributing Acres for Conservation of Natural Area (RR-1)

NONE PROVIDED

Total Contributing Impervious Acres for Conservation of Natural Area (RR-1)

NONE PROVIDED

Total Contributing Acres for Sheetflow to Riparian Buffers/Filter Strips (RR-2)

NONE PROVIDED

Total Contributing Impervious Acres for Sheetflow to Riparian Buffers/Filter Strips (RR-2)

NONE PROVIDED

Total Contributing Acres for Tree Planting/Tree Pit (RR-3)

NONE PROVIDED

Total Contributing Impervious Acres for Tree Planting/Tree Pit (RR-3)

NONE PROVIDED

Total Contributing Acres for Disconnection of Rooftop Runoff (RR-4)

NONE PROVIDED

RR Techniques (Volume Reduction)

Total Contributing Impervious Acres for Disconnection of Rooftop Runoff (RR-4)

NONE PROVIDED

Total Contributing Impervious Acres for Vegetated Swale (RR-5)

NONE PROVIDED

Total Contributing Impervious Acres for Rain Garden (RR-6)

NONE PROVIDED

Total Contributing Impervious Acres for Stormwater Planter (RR-7)

NONE PROVIDED

Total Contributing Impervious Acres for Rain Barrel/Cistern (RR-8)

NONE PROVIDED

Total Contributing Impervious Acres for Porous Pavement (RR-9)

NONE PROVIDED

Total Contributing Impervious Acres for Green Roof (RR-10)

NONE PROVIDED

Standard SMPs with RRV Capacity

Total Contributing Impervious Acres for Infiltration Trench (I-1)

NONE PROVIDED

Total Contributing Impervious Acres for Infiltration Basin (I-2)

NONE PROVIDED

Total Contributing Impervious Acres for Dry Well (I-3)

NONE PROVIDED

Total Contributing Impervious Acres for Underground Infiltration System (I-4)

NONE PROVIDED

Total Contributing Impervious Acres for Bioretention (F-5)

NONE PROVIDED

Total Contributing Impervious Acres for Dry Swale (O-1)

NONE PROVIDED

Standard SMPs

Total Contributing Impervious Acres for Micropool Extended Detention (P-1)

NONE PROVIDED

Total Contributing Impervious Acres for Wet Pond (P-2)

NONE PROVIDED

Total Contributing Impervious Acres for Wet Extended Detention (P-3)

NONE PROVIDED

Total Contributing Impervious Acres for Multiple Pond System (P-4)

NONE PROVIDED

Total Contributing Impervious Acres for Pocket Pond (P-5)

NONE PROVIDED

Total Contributing Impervious Acres for Surface Sand Filter (F-1)

NONE PROVIDED

Total Contributing Impervious Acres for Underground Sand Filter (F-2)

NONE PROVIDED

Total Contributing Impervious Acres for Perimeter Sand Filter (F-3)

NONE PROVIDED

Total Contributing Impervious Acres for Organic Filter (F-4)

NONE PROVIDED

Total Contributing Impervious Acres for Shallow Wetland (W-1)

NONE PROVIDED

Total Contributing Impervious Acres for Extended Detention Wetland (W-2)

NONE PROVIDED

Total Contributing Impervious Acres for Pond/Wetland System (W-3)

NONE PROVIDED

Total Contributing Impervious Acres for Pocket Wetland (W-4)

NONE PROVIDED

Total Contributing Impervious Acres for Wet Swale (O-2)

NONE PROVIDED

Alternative SMPs (DO NOT INCLUDE PRACTICES BEING USED FOR PRETREATMENT ONLY)

Total Contributing Impervious Area for Hydrodynamic
NONE PROVIDED

Total Contributing Impervious Area for Wet Vault
NONE PROVIDED

Total Contributing Impervious Area for Media Filter
NONE PROVIDED

"Other" Alternative SMP?
NONE PROVIDED

Total Contributing Impervious Area for "Other"
NONE PROVIDED

Provide the name and manufacturer of the alternative SMPs (i.e. proprietary practice(s)) being used for WQv treatment.

Note: Redevelopment projects which do not use RR techniques, shall use questions 28, 29, 33 and 33a to provide SMPs used, total WQv required and total WQv provided for the project.

Manufacturer of Alternative SMP
NONE PROVIDED

Name of Alternative SMP
NONE PROVIDED

Other Permits

40. Identify other DEC permits, existing and new, that are required for this project/facility.
NONE PROVIDED

If SPDES Multi-Sector GP, then give permit ID
NONE PROVIDED

If Other, then identify
NONE PROVIDED

41. Does this project require a US Army Corps of Engineers Wetland Permit?
NONE PROVIDED

If "Yes," then indicate Size of Impact, in acres, to the nearest tenth
NONE PROVIDED

42. If this NOI is being submitted for the purpose of continuing or transferring coverage under a general permit for stormwater runoff from construction activities, please indicate the former SPDES number assigned.
NONE PROVIDED

MS4 SWPPP Acceptance

43. Is this project subject to the requirements of a regulated, traditional land use control MS4?
NONE PROVIDED

If No, skip question 44

44. Has the "MS4 SWPPP Acceptance" form been signed by the principal executive officer or ranking elected official and submitted along with this NOI?
NONE PROVIDED

MS4 SWPPP Acceptance Form Download

Download form from the link below. Complete, sign, and upload.

[MS4 SWPPP Acceptance Form](#)

MS4 Acceptance Form Upload

NONE PROVIDED

Comment

NONE PROVIDED

Owner/Operator Certification

Owner/Operator Certification Form Download

Download the certification form by clicking the link below. Complete, sign, scan, and upload the form.

[Owner/Operator Certification Form \(PDF, 45KB\)](#)

Upload Owner/Operator Certification Form

NONE PROVIDED

Comment

NONE PROVIDED



Department of
Environmental
Conservation

NYS 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:

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:

Appendix B – NYSDEC Acknowledgement of NOI Letter

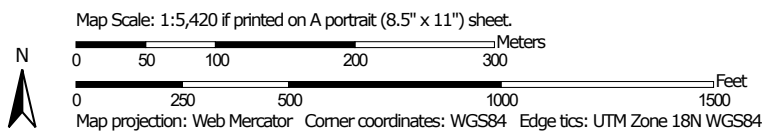
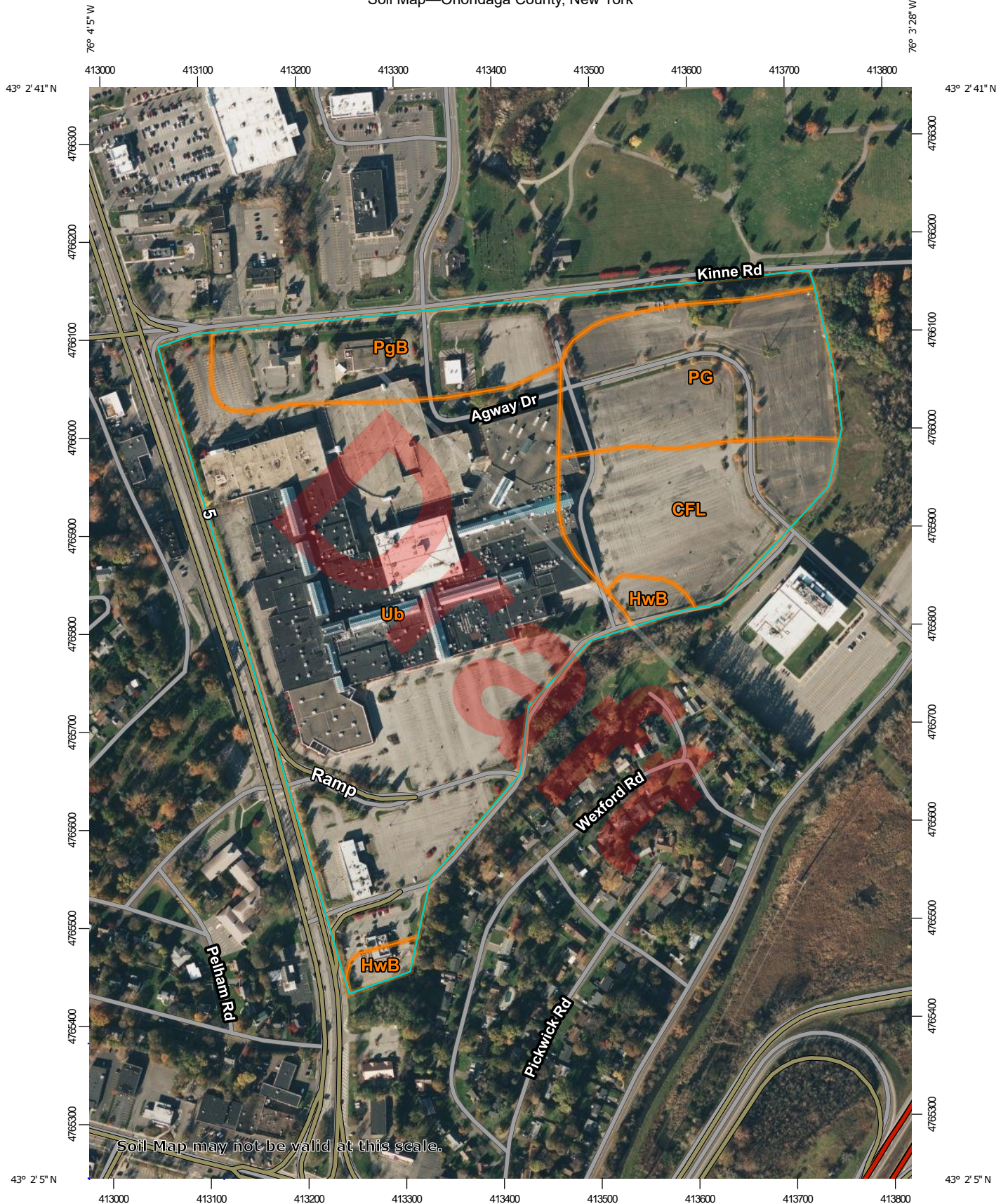
2023-01-12 - TO BE INSERTED AFTER FUTURE DESIGN PHASES ARE COMPLETE

Draft

Appendix C – Site Map and Soils Information

Draft

Soil Map—Onondaga County, New York



**Natural Resources
Conservation Service**

Web Soil Survey
National Cooperative Soil Survey

5/20/2022
Page 1 of 3

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Onondaga County, New York

Survey Area Data: Version 16, Sep 1, 2021

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Aug 3, 2021—Nov 7, 2021

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
CFL	Cut and fill land	8.5	12.4%
HwB	Howard gravelly fine sandy loam, 3 to 8 percent slopes	1.3	1.9%
PG	Gravel pits	9.7	14.1%
PgB	Palmyra gravelly loam, 3 to 8 percent slopes	9.2	13.3%
Ub	Urban land	40.0	58.3%
Totals for Area of Interest		68.7	100.0%

Appendix D – SHPO and E&T Documentation

2022-01-12 - TO BE INSERTED AFTER FUTURE DESIGN PHASES ARE COMPLETE

Draft

Appendix E – Pre-Construction Requirements

Draft

E-1: PRE-CONSTRUCTION MEETING DOCUMENTS AND INSPECTION REPORTS

General Project Information			
Project Name	District East Redevelopment Project		
Project Location	Dewitt, NY	County	Onondaga
SPDES Permit ID No.		NYSDEC Date of Authorization	

PREAMBLE TO SITE ASSESSMENT AND INSPECTIONS – TO BE READ BY ALL PERSONS INVOLVED IN THE CONSTRUCTION OF STORMWATER RELATED ACTIVITIES

1. The Owner/Operator and Contractors shall read the NYSDEC SPDES General Permit for Stormwater Discharges from Construction Activities GP-0-20-001. This SWPPP has been prepared for the project and represents the minimum standards for compliance. The Contractors must follow the requirements of the SWPPP.
2. A copy of the General Permit (GP-0-20-001), the SWPPP, NOI, NOI Acknowledgement Letter, MS4 Acceptance form (if applicable), inspection reports and any correspondence with the NYSDEC must be kept at the work site at all times. (e.g., in the job trailer.)
3. Prior to commencing soil disturbance, the Owner/Operator and/or Contractors must complete the forms and certifications in this Appendix. This information must be kept up to date.
4. All enclosed certifications shall be completed by the contractor. Subcontractors responsible for implementing erosion and sediment control measures or constructing stormwater management practices shall also complete the certifications. 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 onsite individual having responsibility for the firm.
5. The Owner/Operator shall have a qualified inspector conduct an assessment of installed erosion and sediment controls and overall preparedness of the site prior to the commencement of construction. The inspection report in this section shall be used record the results of the inspection.
6. Site inspections shall be conducted by the qualified inspector at least once every seven calendar days when construction actives commence. For sites where the Owner/Operator has received authorization from the New York State Department of Environmental Conservation (NYSDEC) to disturb greater than five acres of soil at one time or where the project site discharges directly to a 303(d) impaired waterbody or is in a watershed listed in Appendix C of the General Permit, the qualified inspector shall conduct at least two site inspections every seven calendar days. There shall be a minimum of two full calendar days between inspections. The Owner/Operator shall maintain a record of all inspection reports onsite in Appendix F and have them available to the permitting authorities upon request.
7. The qualified inspector will notify the Owner/Operator and Contractor of any items to be addressed within one day business day of the inspection. The Contractors need to start corrective measures within one business day of notification and complete corrective actions in a reasonable time frame.
8. Prior to filing the Notice of Termination (NOT) 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 stabilization using either vegetative or structural stabilization methods and that all temporary erosion and sediment controls (such as silt fencing, etc.) have been removed and that post-construction stormwater management practices have been installed in accordance with the SWPPP. The Owner/Operator must certify that, based upon their inquiry, all the information contained within the NOT is true.

9. Prior to submitting the NOT, the Owner/Operation is required to have one of the following in place (for permanent stormwater practices):
 - a. Provide proof that the post-construction stormwater management practices, including any right-of-ways needed for maintenance of such practices, have been deeded to the municipality in which the practices are located, or
 - b. Provide confirmation that the municipality has executed an agreement to maintain the post-construction stormwater management practices, or
 - c. For privately-owned post-construction stormwater management practices, provide proof that the Owner/Operator has modified their deed of record to include a deed covenant that requires operation of the practices in accordance with the operations and maintenance plan.
 - d. For institutional-owned or municipal-owned post-construction stormwater practices, provide proof that the Owner/Operator has policy and procedure in place to ensure operation of the practices in accordance with the operations and maintenance plan.
10. In the event of a transfer of ownership or responsibility for stormwater runoff, the original Owner/Operator (permittee) must notify the new Owner/Operator in writing of the requirement to obtain permit coverage by submitting a new Notice of Intent. Once the new Owner/Operator obtains permit coverage, the original Owner/Operator shall submit a completed NOT with the name and permit identification number of the new Owner/Operator. If the original Owner/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/Operator will be effective when an acknowledgement letter is received from the NYSDEC confirming receipt of the completed Notice of Intent (NOI), provided the original Owner/Operator was not subject to a sixty business day authorization period that has not expired as of the date the Department receives the NOI from the new Owner/Operator.

E-1: PRE-CONSTRUCTION MEETING DOCUMENTS AND INSPECTION REPORTS

General Project Information			
Project Name	District East Redevelopment Project		
Project Location	Dewitt, NY	County	Onondaga
SPDES Permit ID No.		NYSDEC Date of Authorization	

PRE-CONSTRUCTION SITE ASSESSMENT CHECKLIST

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

Notice of Intent, SWPPP, and Contractor's Certification		
1.	Has Notice of Intent (NOI) been filed with NYSDEC, MS4 Certification (if applicable) and the NOI Acknowledgment form been received?	<input type="checkbox"/> Yes <input type="checkbox"/> No
2.	Is the SWPPP onsite? If yes, where? _____	<input type="checkbox"/> Yes <input type="checkbox"/> No
3.	Is the SWPPP current? What is the latest revision date? ____/____/____	<input type="checkbox"/> Yes <input type="checkbox"/> No
4.	Have all the Contractors involved with stormwater-related activities signed a Contractor's Certification Statement (Appendix E-3)?	<input type="checkbox"/> Yes <input type="checkbox"/> No
5.	Has the Contractor's Construction Stabilization Schedule (Appendix E-2) been received?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Resource Protection		
6.	Are construction limits clearly flagged or fenced?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Have the important trees and associated root zones, onsite septic system absorption fields, existing vegetation areas suitable for filter strips been flagged for protection?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
8.	Were creek-crossings installed prior to land-disturbing activity?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
9.	Have wetlands been identified, flagged and protected?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Surface Water Protection		
10.	Has runoff from undisturbed areas been diverted away from or around areas to be disturbed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
11.	Have bodies of water either onsite or in the vicinity been identified and protected?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
12.	Have appropriate practices to protect onsite or downstream surface water been installed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
13.	Has any grading operation occurred prior to this inspection, except for Erosion & Sediment Control Practices installation?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Stabilized Construction Entrance		
14.	Has a temporary construction entrance been installed to prevent mud and debris from entering the public roadway?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
15.	Have construction routes and equipment parking areas needed to begin construction been stabilized immediately as work takes place, with gravel or other cover?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
16.	Is there a plan to remove or clean sediment tracked on to public roadways?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA

Sediment Controls		
17.	Does the silt fence material and installation comply with the contract drawing, SWPPP, and specifications?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
18.	Are silt fences installed at appropriate spacing intervals?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
19.	Were sediment trapping devices installed as the first land disturbing activity?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Waste and Hazardous Material Handling		
20.	Has the Owner and/or Operator or designated representative been assigned to implement the spill prevention avoidance and response approach?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
21.	Are there appropriate materials to control spills onsite? If yes, where? _____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA

Items that need to be addressed prior to completion of Qualified Inspector's Certification

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.

Qualified Inspector's Credentials and Certification

I hereby certify that I meet the Qualified Inspector criteria set forth in the General Permit and that the appropriate erosion and sediment controls described in the SWPPP and as described this checklist have been adequately installed or implemented, ensuring the overall preparedness of this site for the commencement of construction.

Signature: _____

Name (please print): _____

Title: _____ Date: _____

Company Name: _____

Address: _____

Phone: _____ Email: _____

Inspector Qualifications: ☐ PE ☐ RLA ☐ CPESC

4-hour Contractor Training Completed

Card Received: ☐ Yes ☐ No

Expiration Date: _____

E-2: CONSTRUCTION STABILIZATION SCHEDULE

General Project Information			
Project Name	District East Redevelopment Project		
Project Location	Dewitt, NY	County	Onondaga
SPDES Permit ID No.		NYSDEC Date of Authorization	

For portions of the site where soil disturbance activities have temporarily or permanently ceased, stabilization measures must be initiated by the contractor by the end of the next business day and completed within 7 calendar days from the date the current soil disturbance activity has ceased.

When construction activity is precluded by snow cover, stabilization measures shall be initiated as soon as practical.

Contractors are responsible to provide a construction schedule for review and approval by the Owner/Operator:

Soil Disturbing Activities	Location	Anticipated Start Date	Anticipated Stabilization Date
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			

E-3: CONTRACTOR CERTIFICATION STATEMENT

General Project Information			
Project Name	District East Redevelopment Project		
Project Location	Dewitt, NY	County	Onondaga
SPDES Permit ID No.		NYSDEC Date of Authorization	

Each Contractor/Subcontractor is required to complete this form and sign this certification statement prior to working onsite.

Contractor Information

Contracting Firm: _____

Address: _____

Phone (Office): _____ Job Site (Trailer): _____

Contacts: 1) _____ Mobile: _____
2) _____ Mobile: _____
3) _____ Mobile: _____

Trained Contactor Responsibilities

A Trained Individual is an employee that has received 4 hours of training approved by the NYSDEC, from a Soil and Water Conservation District, from CPESC, Inc., or from another NYSDEC-endorsed entity providing training in proper erosion and sediment control principles. Training must be completed prior to the date that this project commences (prior to project mobilization). After receiving the initial training, the individual shall receive 4 hours of NYSDEC-approved training every 3 years.

Names of Trained Individuals from the Contractor's company that will be responsible for implementing the SWPPP:

Name: _____ Title: _____

Measures Responsible for: 1) _____
2) _____
3) _____
4) _____

Name: _____ Title: _____

Measures Responsible for: 1) _____
2) _____
3) _____
4) _____

Name: _____ Title: _____

Measures Responsible for: 1) _____
2) _____
3) _____
4) _____

Contractor's Certification

I hereby certify under penalty of law 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 and/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 it is unlawful for any person to cause, or contribute to, a violation of water quality standards.

Furthermore, I am aware that there are significant penalties for submitting false information, that I do not believe to be true, including the possibility of fine and imprisonment for knowing violations.

I also certify that I have received a copy of the SWPPP and will retain a copy of such SWPPP onsite during construction.

Signature of President, Vice President, or Treasurer DSF

Signature: _____ Date: _____

Print Name: _____ Title: _____

Signature of Responsible Onsite Individual (Must Meet Requirements of Trained Contractor)

Signature: _____ Date: _____

Print Name: _____ Title: _____

Appendix F – Stormwater Construction Site Inspection Reports

2022-01-12 - TO BE INSERTED DURING CONSTRUCTION PHASE

Draft

Appendix G – Post-Construction Maintenance Requirements

2023-01-12 - TO BE INSERTED AFTER FUTURE DESIGN PHASES ARE COMPLETE

Draft

Appendix H – Stormwater Calculations

2023-01-12 - TO BE COMPLETED DURING FUTURE DESIGN PHASE

Draft

Appendix I – NYSDEC Notice of Termination (NOT)

Draft

**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:

4b. 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, a mechanism is in place that requires operation and maintenance of the practice(s) in accordance with the operation and maintenance plan, such as a deed covenant in the owner or operator's deed of record.
- ☐ For post-construction stormwater management practices that are owned by a public or private institution (e.g. school, university or hospital), government agency or authority, or public utility; 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 2015)

Appendix J – Amendments

Draft