

STORM WATER POLLUTION PREVENTION PLAN

PREPARED FOR

PROPOSED FOUR (4) LOT RESIDENTIAL
SUBDIVISION FOR
MARTIN AND KATRINA NASON
89 PEACH LANE (S/B/L: 95.4-3-13.2)
TOWN OF MARLBOROUGH,
ULSTER COUNTY, NEW YORK

REPORT PREPARED BY:

JONATHAN CELLA, P.E.
N.Y.S. P.E. Lic. No. 085069
51 Hunt Road
Wallkill, New York 12589
jonathancella@hotmail.com
845 -741-0363

DATE PREPARED:

December 22, 2020



Table of Contents

1.0 PERMIT OVERVIEW AND REQUIREMENTS	4
1.1 PERMIT OVERVIEW	4
2.0 SWPPP REVIEW, UPDATE.....	5
2.1 SWPPP REVIEW	5
2.2 SWPPP UPDATE.....	5
3.0 SITE ASSESSMENT, EVALUATION AND PLANNING.....	6
3.1 PROJECT LOCATION	6
3.2 PRE-DEVELOPMENT CONDITIONS	6
3.3 PROJECT TYPE	6
3.4 PROJECT SCOPE.....	6
3.5 HISTORIC PRESERVATION DETERMINATION.....	6
3.6 RECEIVING WATERS	7
3.7 SOILS	7
4.0 EROSION AND SEDIMENT CONTROL.....	7
4.1 EROSION AND SEDIMENT CONTROL PRACTICES.....	7
4.2 EROSION AND SEDIMENT CONTROL DRAWINGS	8
4.3 CONSTRUCTION PHASING PLAN AND SEQUENCE OF OPERATIONS	9
4.4 EROSION AND SEDIMENT CONTROL PRACTICE INSPECTION SCHEDULE	10
4.5 CONTRACTOR SEQUENCE FORM	11
5.0 POST CONSTRUCTION STORMWATER MANAGEMENT PRACTICES	11
6.0 CONSTRUCTION WASTE	12
7.0 OFFSITE VEHICLE TRACKING.....	12
8.0 EROSION AND SEDIMENT CONTROL INSPECTION.....	13
9.0 TEMPORARY STABILIZATION FOR FROZEN CONDITIONS	14
10.0 STORMWATER MAINTENANCE PROCEDURES	16

11.0 SPILL PREVENTION PRACTICES	17
12.0 CERTIFICATIONS.....	16

Appendices

A Notice of Intent (NOI)

B Map Set – Location Map, Construction Drawing, Phasing Plan, Grading Plan, and Erosion and Sediment Control Plan Map

C SWPPP Inspection Forms –SWPPP Inspection Report

D Other SWPPP Forms – Construction Sequence, SWPPP Plan Changes, Spill Response Form

1.0 PERMIT OVERVIEW AND REQUIREMENTS

1.1 Permit Overview

This Stormwater Pollution Prevention Plan (SWPPP) is prepared to inform the landowner and construction personnel of the measures to be implemented for controlling runoff and pollutants from the site during and after construction activities. The objective of this plan is to comply with the New York 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 requirements. Any material conflicts between this plan and the site plans, specification or instructions, must be brought to the attention of the design professional. The project may have other permits and it is the responsibility of the owner and contractor to know and understand all permits.

The operator will be issued a bill from New York State for an annual fee for the open GP-0-20-001 permit. The operator will also be billed by New York State for a one time fee for the proposed disturbed soil area listed in the NOI, and finally a per acre fee for the proposed increased impervious area listed in the NOI.

The operator is responsible to maintain onsite in a secure location that is accessible during normal working hours to an individual performing a compliance inspection, the following information:

- ✓ the Notice of Intent (NOI),
- ✓ the NYS Department of Environmental Conservation NOI Acknowledgement Letter,
- ✓ the SWPPP,
- ✓ General Permit (included in the SWPPP),
- ✓ MS4 SWPPP Acceptance Form (where applicable), and ü All inspection reports.

Technical standards are detailed in the “New York State Standards and Specifications for Sediment and Erosion and Sediment Control”, as well as illustrated on the Erosion and Sediment Control Plan Map included project drawings. The design of post-

construction stormwater control practices follow the guidance provided by “New York State Stormwater Management Design Manual.”

2.0 SWPPP REVIEW, UPDATE

2.1 SWPPP Review

Applicable Federal, State, and local regulatory agencies that have jurisdiction may elect to review this SWPPP and notify the permittee in writing that the SWPPP does not meet the requirements of their regulations. If the SWPPP needs to be revised, the permittee and the site contractor will make the required modifications within seven days of such notification and submit written certification to the notifying agency that the changes have been implemented. A copy of the SWPPP will be kept available on site for review by regulatory agencies, engineers, and subcontractors.

2.2 SWPPP Update

The permittee identified in this SWPPP shall amend the SWPPP when there is a change in one or more of the following project components which has an effect on the potential for discharge of pollutants from stormwater runoff associated with construction activities:

- ✓ Design
- ✓ Construction
- ✓ Operation
- ✓ Maintenance

The SWPPP shall also be updated or amended under the following conditions:

- ✓ If measures identified in the SWPPP become ineffective in eliminating or minimizing pollutants from sources identified, or in achieving the general objectives of controlling stormwater pollution from permitted construction activity.
- ✓ To identify a new subcontractor that will implement any part of the SWPPP.

3.0 SITE ASSESSMENT, EVALUATION AND PLANNING

3.1 Project Location

This site is located on the west side of Peach Lane south of Mahoney Road and north of County Road 10. It currently contains one single family residence known as 89 Peach Lane.

See **Appendix C** for a general site location map.

3.2 Pre-Development Conditions

Currently, the site is a forested property with gently rolling topography. The subject property contains NYSDEC wetland PO-4 on its northern side. The existing property is a total of 35.65 acres.

3.3 Project Type

This project is a four (4) lot residential subdivision of a 35.65 acre parcel that currently contains one single family residence. The proposal is to construct an additional three (3) single family residences serviced by individual wells and on site individual sewage disposal systems on the newly created lots. All disturbance will be on site and will not require the expansion of any utilities including, public water and/or sewer. Two (2) lot will be one acre+/-, one will be 10 acres, and the largest will be a 23 acres flag lot. All lots will have individual driveways to Peach Lane.

3.4 Project Scope

This Project is for construction of single family residences serviced by individual wells and sewage disposal systems. There is one existing single family residence and the proposal includes construction of three (3) lots with individual wells, sewage disposal systems, and driveways.

3.5 Historic Preservation Determination

This project has no impact on historically significant lands and/or structures..

3.6 Receiving Waters

The subject parcel has gentle slopes in developable areas and drains from the south to the north. On the north side of the property there is are NYSDEC wetland PO-4 receiving waters for the Project Site and surrounding properties. NYSDEC wetland PO-4 which is on the middle of the northern side of the entire parcel. The wetland is entirely on lot # 1 with its buffer crossing over the rear lot lines of lot 3 and lot 4. Lot # 2 contains an unnamed pond and stream on the east side that also drains north to PO-4 on lot # 1.

The total site disturbance for construction of all aspects of the three (3) residences including but not limited to driveways, homes, and sewage disposal systems is under 2.0 acres. This is less then the 5 acre threshold that would trigger requirements for permanent stormwater control measures for water quality and quantity. Therefore this document and the Erosion & Sedimentation Control Plan included in the project plans serve as the SWPPP for this project.

3.7 Soils

The USDA/NRCS soil survey for Ulster County shows the soils in the Project Site are mixture of BgC (Bath gravelly silt loam 8-15% slopes), BgD (Bath gravelly silt loam 15-25% slopes), BHE (Bath very stony soils, steep), BRC (Bath and Mardin soils, sloping, very stony), Cd (Canandaigua silt loam, till substratum), VoB (Volusia gravelly silt loam, 3-8% slopes), and VoC (Volusia gravelly ssilt loam, 8-15% slopes). Per investigation of the site, the developed area is moderately well drained, and the northern undeveloped wetland area of the site being poorly drained.

4.0 EROSION AND SEDIMENT CONTROL

4.1 Erosion and Sediment Control Practices

If any elements of the design are not in conformance with the technical standard, identify them and include the reason for the deviation and provide information, which demonstrates that it is equivalent to the technical standards.

Temporary Structural Practices

- ✓ Topsoil Stockpile
- ✓ Silt Fence
- ✓ Stabilized Construction Entrance

Permanent Structural Controls

- ✓ Land Grading

Temporary Stabilization Practices (including vegetative practices)

- ü Seed and mulch bare soil areas within 14 days of disturbance unless construction will resume in that area within 21 days.

Permanent Stabilization Practices (including vegetative practices)

- ü Seed and mulch all disturbed areas. Slopes that are 3:1 or steeper should receive a Rolled Erosion Control Product (RECP), sodding, and or hydroseeding a homogenous mixture of wood fiber mulch with tackifying agent.

Refer to Grading Plans and the Erosion and Sedimentation Control Plan included in Project Plans which are a part of this report for detailed information on each practice.

4.2 Erosion and Sediment Control Drawings

Erosion and Sediment Control drawings are included in **Project Plans**.

Erosion and Sediment Control drawings must include the following: ü Total site area

- ✓ All improvements
- ✓ Areas of disturbance
- ✓ Areas that will not be disturbed
- ✓ Existing vegetation
- ✓ On-site and adjacent off-site surface waters
- ✓ Wetlands and drainage patterns affected by construction
- ✓ Existing and final slopes

- ✓ Material, waste, borrow or equipment storage areas located on adjacent properties
- ✓ Location of stormwater discharges
- ✓ Specific locations, sizes, and lengths of each erosion and sediment control practice
- ✓ Details of erosion and sediment control practices shall include dimensions, material specifications, installation details, operation and maintenance requirements. Include location and sizing of any temporary sediment basins and structural practices used to divert flows.

4.3 Construction Phasing Plan and Sequence of Operations

The Construction Phasing Plan is included in **Appendix C**.

- ✓ Temporary structural erosion controls will be installed prior to earthwork as per the attached plans.
- ✓ Areas to be undisturbed for more than 14 days will be temporarily stabilized by seeding.
- ✓ Disturbed areas will be reseeded and mulched immediately after final contours are re-established and no more than 14 days after the completion of construction at that site.
- ✓ Temporary erosion control devices will not be removed until the area served is stabilized by the growth of vegetation and the area is certified as being stabilized by the Erosion Control Superintendent.

Construction Activities	Reference Sheet Number	Start à Stop
Sequence must include major items such as, but not limited to, clearing and grubbing, excavation and grading, utility and infrastructure installation and any other activity resulting in soil disturbance. Include installation of erosion and sediment control practices and timing of installation.		
Install erosion and sediment controls, staging area and construction fencing.		1 Week

Remove existing asphalt, curbs, signs, trees and relocate utilities.		3 Weeks
Excavate for building and perform site earthwork		3-4 Weeks
Building construction		18 months
Complete utility and stormwater installation		2 weeks
Install pavement, curbing and site utilities		2 weeks
Stabilize site, complete final punch list		2 weeks

4.4 Erosion and Sediment Control Practice Inspection Schedule

- ✓ Silt fence – maintenance shall be performed as needed and material removed when “bulges” develop in the silt fence.
- ✓ Check dams – should be inspected after each rain event. Correct all damage immediately. If significant erosion has occurred between structures, a liner of stone or other suitable material should be installed. Remove sediment accumulated behind the dam as needed to allow channel to drain through the check dam and prevent large flows over the dam.
- ✓ Storm drain inlet protection (not including silt sacks) – inspect after each storm event. Remove sediment when 50 percent of the storage volume is achieved.

- ✓ Sediment trap – sediment shall be removed and the trap restored to the original dimensions when the sediment has accumulated to ½ of the design depth.
- ✓ Stabilized construction entrance – entrance shall be maintained in a condition which shall prevent tracking. This may require periodic top dressing with additional aggregate. All sediment tracked onto or spilled on public rights of way shall be removed immediately. When necessary, wheels must be cleaned to remove sediment prior to entrance on public rights of way. When washing is required, it shall be done in an area stabilized with aggregate.
- ✓ Rock outlet protection – once a riprap outlet has been installed, the maintenance needs are very low. It should be inspected after high flows for evidence of scour beneath the riprap. Repair should be immediate.

4.5 Contractor Sequence Form

The operator shall prepare a summary of construction status using the Construction Sequence Form (included in **Appendix E**) once every month. Significant deviations to the sequence and reasons for those deviations (i.e. weather, subcontractor availability, etc.), shall be noted by the contractor. The schedule shall be used to record the dates for initiation of construction, implementation of erosion control measures, stabilization, etc. A copy of this table will be maintained at the construction site and updated.

5.0 POST CONSTRUCTION STORMWATER MANAGEMENT PRACTICES

5.1 Stormwater Management Controls

If any elements of the design are not in conformance with the technical standard, identify them and include the reason for the deviation and provide information, which demonstrates that it is equivalent to the technical standards.

5.2 Post Construction Stormwater Management Drawings

Post construction stormwater management drawings are included in **Appendix C**.

Post construction stormwater management drawings must include the following:

- ✓ Specific locations, sizes, and lengths of each post construction stormwater management practice
- ✓ Details of post construction stormwater management practices shall include dimensions, material specifications, installation details, operation and maintenance requirements.

5.3 Hydraulic and Hydrologic Analysis

The proposed development is for residential development and disturbs less than 5 acres of land. Therefore, stormwater runoff modeling is not required for this project.

6.0 CONSTRUCTION WASTE

Waste Materials: All waste materials generated during construction will be disposed at a suitable landfill, or transfer station.

Hazardous Waste: The project will not be a generator of hazardous waste and it is not anticipated that any hazardous waste will be generated during construction. If there are any materials generated, a licensed hazardous waste carrier will be contracted to dispose the hazardous material at a suitable disposal site. If hazardous materials are discovered during construction, the work will be stopped until the issue is resolved.

Waste: Portable sanitary facilities will be made available to construction personnel and will be serviced regularly.

7.0 OFFSITE VEHICLE TRACKING

Excavation equipment involved with the construction will remain on the project site and will not regularly egress or ingress the site. Any trucks used to bring in materials or remove materials via municipal paved roads will do so over a stabilized construction entrance. If any off-site vehicle tracking occurs, the contractor will be directed to initiate, street sweeping program in the immediate vicinity of the site.

8.0 EROSION AND SEDIMENT CONTROL INSPECTION

These are the inspection items that will be used to maintain erosion and sediment controls. The practices listed herein shall be implemented in accordance with the attached maintenance schedule.

A maintenance inspection report will be made after each inspection. The report form to be completed by the inspector is attached in **Appendix D**. Reports should be compiled and maintained on-site. All inspection materials are included in Appendix D of the onsite 3-ring binder.

- It is recommended that a rain gage be installed at the site.
- A qualified professional shall conduct an assessment of the site prior to the commencement of construction and certify in an inspection report that the appropriate erosion and sediment controls described in the SWPPP and required by GP-0-20-001 have been adequately installed to ensure overall preparedness of the site for commencement of construction.
- ***Structural erosion controls and non-stabilized areas shall be inspected at least once every seven (7) days.*** The Inspection Form is located at the end of this report and shall be completed in full for every inspection performed.
- The day-to-day erosion control activities on the site will be monitored by the construction manager. The qualified inspector (as defined by the NYS DEC SPDES regulations) and his crews will make ***at least one inspection every seven (7) days*** of erosion control devices.
- All measures will be maintained in good working order; if repair is necessary, it will be initiated within 24 hours of report.
- Silt fence will be inspected for depth of sediment, ripped fabric, to see if the fabric is securely attached to the fence posts, and to see that the fence posts are firmly in ground.

- All temporary sediment basins should be inspected for stability and integrity *at least once every seven (7) days*. Any structural failure in sediment basins or trenches that serve them will be repaired within 24 hours after detection. All temporary sediment basins or trenches shall be cleaned out when one foot of sediment or half the design depth of the trap has accumulated. All spoils shall be removed to a stabilized upland area.
- Seeded and planted areas will be inspected for bare spots, washouts, and healthy growth. If necessary, spot reseeding or sodding will be implemented.
- Trained Contractor will be responsible for the implementation of the SWPPP. This person will be onsite when any soil disturbing activities are being conducted. This trained contractor cannot conduct the regular SWPPP compliance inspections. This trained contractor must have received 4 hours of Department endorsed training in proper erosion and sediment control principles from a Soil and Water Conservation District, or other Department endorsed entity. After receiving the initial training, the *trained contractor* shall receive 4 hours of training every 3 years. It can also mean an employee from the contracting (construction) company, that meets the *qualified inspector* qualifications (e.g. licensed Professional Engineer, Certified Professional in Erosion and Sediment Control (CPESC), Registered Landscape Architect, or someone working under the direct supervision of, and at the same company as, the licensed Professional Engineer or Registered Landscape Architect, provided they have received 4 hours of Department endorsed training in proper erosion and sediment control principles from a Soil and Water Conservation District, or other Department endorsed entity).

9.0 TEMPORARY STABILIZATION FOR FROZEN CONDITIONS

The following temporary stabilization measures **MUST** be performed when construction is occurring during winter/frozen ground conditions. The following

requirements do not supercede any other requirements of this SWPPP as they apply to non-frozen ground conditions.

- Perimeter erosion control **MUST** still be installed prior to earthwork disturbance as per this SWPPP.
- Any areas that cannot be seeded to turf by October 1 or earlier will receive a temporary seeding. The temporary seeding will consist of winter rye seeded at the rate of 120 pounds per acre (2.5 pounds per 1,000 square feet) or stabilized as per the temporary stabilization for winter construction/frozen conditions.
- Any area of disturbance that will remain inactive for a period of 14 consecutive days **MUST** be mulched. This includes any previously disturbed areas that are covered with snow.
- Mulch **MUST** consist of loose straw applied at the rate of 2 to 3 bales (90 to 100 pounds) per thousand square feet.
- Mulch **MUST** be applied uniformly over the area of bare soil or bare soil that is covered with snow. For the latter condition, mulch **MUST** be applied on top of snow.
- Using a tracked vehicle, mulch **MUST** be crimped into the bare soil/snow. The tracked vehicle **MUST** be driven across the mulched areas in at least two directions to maximize crimping of mulch into the soil/snow.
- If mulch gets blown off an area to a significant degree, the site inspector **WILL** require that an area be re-mulched in accordance with Items 2 through 5 above, and this area **WILL** be included on the inspection checklist for the next inspection.
- If a particular area repeatedly experiences loss of mulch due to wind, then the inspector **WILL** require that an alternative method be used to secure the mulch in place. Such alternatives may include the use of netting, tackifier or other methods deemed appropriate by the inspector.

- During periods when snow is melting and/or surface soils are thawing during daytime hours, mulched areas **MUST** be re-tracked (crimped) as per Item 5 above at least once every seven days, more frequently if directed by the inspector. Additional mulch may be required to obtain complete coverage of an area. Biodegradable erosion control matting may be required on steeper slopes.
- Additional stabilization measures for non-frozen ground conditions described in this SWPPP **WILL** be implemented at the time deemed appropriate by the inspector.

During the winter season, if a site has been stabilized and soil disturbing activities have been suspended for the winter, weekly inspections can be suspended. However, monthly inspections must still be conducted. All normal weekly inspections must resume when soil disturbing activities resume.

10.0 STORMWATER MAINTENANCE PROCEDURES

Temporary erosion and sediment controls and practices will need to be maintained frequently. It is the responsibility of the operator to inspect, and maintain the temporary controls so that they are working efficiently. The operator needs to pay close attention to SWPPP Inspection Reports that will advise of needed maintenance. Captured sediment will have to be removed periodically from each practice in order for the control to function properly. It is likely that if temporary controls are not maintained properly, controls will fail creating a mass discharge of sedimentation to the water body previously protected. Periodically remove sediment from silt fences, check dams, silt sacks, inlet protections, and sediment traps. Replace top-soil, mulch and seed where seeding has been disturbed.

Post-construction maintenance for this project will consist of annual inspections of permanent stormwater management facilities and steep slopes. The following procedures must be performed twice annually on the appropriate structural stormwater management practice. These maintenance procedures are essential to assure continual performance of the stormwater management practices on your site.

Catch Basins and Drywells

- Sediment removal with a vacuum truck should be done at least once a year, preferably after spring runoff and then in early fall, or when they are at 50% capacity, whichever comes first.
- Any mechanical valves should be operated for inspection every two months.

11.0 SPILL PREVENTION PRACTICES

Good Housekeeping and Material Management Practices

The following good housekeeping and material management practices will be followed on site during the construction project to reduce the risk of spills or other accidental exposure of materials and substances to stormwater runoff.

- Materials will be brought on site in the minimum quantities required.
- All materials stored on site will be stored in a neat, orderly manner in their appropriate containers, and if possible, under a roof or other enclosure.
- Products will be kept in their original containers with the original manufacturer's label.
- Substances will not be mixed with one another unless recommended by the manufacturer.
- Whenever possible, all of a product will be used up before disposal.
- Manufacturer's recommendations for proper use and disposal will be followed.
- The construction manager or his designee will inspect regularly to ensure proper use and disposal of materials on site.

- The contractor shall prohibit washing of tools, equipment, and machinery in or within 100 feet of any watercourse or wetland.
- All above grade storage tanks are to be protected from vehicle damage by temporary barriers.

Inventory for Pollution Prevention Plan

The materials and substances listed below are expected to be on-site during construction.

- Petroleum for fueling vehicles will be stored in above ground storage tanks. Tanks will either be steel with an enclosure capable of holding 110% of the storage tank volume or of a Con-Store, concrete encased type typically employed by NYSDOT. Hydraulic oil and other oils will be stored in their original containers. Concrete and asphalt will be stored in the original delivery trucks.
- Fertilizer may be stored on site in its original container for a short period of time prior to seeding. Original containers will be safely piled on pallets or similar devices to protect from moisture.
- Paints and other similar materials will be stored in their original containers and all empty containers will be disposed of in accordance with label directions.
- Portable sanitary facilities, which contain chemical disinfectants (deodorants) will be located on-site, with the disinfectants held in the tank of the toilet.

Hazardous Products

These practices are used to reduce the risks associated with hazardous materials.

- Products will be kept in original containers unless they are not re-sealable.

- Original labels and material safety data sheets will be retained; they contain important product information.
- If surplus product must be disposed of, manufacturers' or local and State recommended methods for proper disposal will be followed.

Spill Prevention

The following product specific practices will be followed on site.

Petroleum Products:

- Construction personnel should be made aware that emergency telephone numbers are located in this SWPPP.
- The contractor shall immediately contact NYSDEC in the event of a spill, and shall take all appropriate steps to contain the spill, including construction of a dike around the spill and placing absorbent material over this spill.
- The contractor shall instruct personnel that spillage of fuels, oils, and similar chemicals must be avoided and will have arranged with a qualified spill remediation company to serve the site.
- Fuels, oils, and chemicals will be stored in appropriate and tightly capped containers. Containers shall not be disposed of on the project site.
- Fuels, oils, chemicals, material, equipment, and sanitary facilities will be stored/located away from trees and at least 100 feet from streams, wells, wet areas, and other environmentally sensitive sites.
- Dispose of chemical containers and surplus chemicals off the project site in accordance with label directions.
- Use tight connections and hoses with appropriate nozzles in all operations involving fuels, lubricating materials or chemicals.

- Use funnels when pouring fuels, lubricating materials or chemicals.
- Refueling and cleaning of construction equipment will take place in parking areas to provide rapid response to emergency situations.
- All on-site vehicles will be monitored for leaks and receive regular preventative maintenance to reduce the chance of leakage. Any vehicle leaking fuel or hydraulic fuel will be immediately scheduled for repairs and use will be discontinued until repairs are made.

Fertilizers:

- Fertilizer will be stored in its original containers on pallets with water resistant coverings.
- Proper delivery scheduling will minimize storage time.
- Any damaged containers will be repaired immediately upon discovery and any released fertilizer recovered to the fullest extent practicable.

Paints:

- All containers will be tightly sealed and stored when not required for use.
- Excess paint will not be discharged to the storm water system or wastewater system, but will be properly disposed of according to manufacturers' instructions or State and local regulations.

Concrete Trucks:

- Concrete trucks will be allowed to wash out or discharge surplus concrete or drum wash water only at designated locations on site.

Asphalt Trucks:

- Asphalt trucks shall not discharge surplus asphalt on the site.

Spill Control Practices

In addition to the good housekeeping and material management practices discussed in the previous sections of this plan, the following practices will be followed for spill prevention and cleanup. The construction manager responsible for the day-to-day site operations will be the spill prevention and cleanup coordinator. He will designate at least three other site personnel who will receive spill prevention and cleanup training. These individuals will each become responsible for a particular phase of prevention and cleanup. The names of responsible spill personnel will be posted in the material storage area and in the onsite construction office or trailer.

- 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. Any spill in excess or suspected to be in excess of two gallons will be reported to the NYSDEC Regional Spill Response Unit. Notification to the NYSDEC (1-800-457-7362) must be completed within two hours of the discovery of the spill.
- Materials and equipment necessary for spill cleanup will be kept in the material storage area onsite. Equipment and materials will include but not be limited to absorbent pads, brooms, dust pans, mops, rags, gloves, goggles, activated clay, sand, sawdust, and plastic and metal trash containers specifically for this purpose.
- All spills will be cleaned up immediately after discovery.
- The spill area will be kept well ventilated and personnel will wear appropriate protective clothing to prevent injury from contact with spilled substance.
- Spills of toxic or hazardous material will be reported to the appropriate State or local government agency, regardless of the size

Contractor and Subcontractor 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 proceeding.

Name

Title

Signature

Date

Company Name

Address

City, State, Zip

Phone Number

SWPPP Components You
Are Responsible For

1.

2.

3.

4.

5.

6.

Name of Trained

Individual Responsible for
SWPPP Implementation

Title

Signature of Trained

Individual Responsible for

SWPPP Implementation

Date

Contractor and Subcontractor 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 proceeding.

Name

Title

Signature

Date

Company Name

Address

City, State, Zip

Phone Number

SWPPP Components You
Are Responsible For

1.

2.

3.

4.

5.

6.

Name of Trained

Individual Responsible for
SWPPP Implementation

Title

Signature of Trained

Individual Responsible for SWPPP Implementation

Date

Contractor and Subcontractor 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 proceeding.

Name

Title

Signature

Date

Company Name

Address

City, State, Zip

Phone Number

SWPPP Components You
Are Responsible For

1.

2.

3.

4.

5.

6.

Name of Trained

Individual Responsible for
SWPPP Implementation

Title

Signature of Trained

Individual Responsible for SWPPP Implementation

Date

Contractor and Subcontractor 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 proceeding.

Name

Title

Signature

Date

Company Name

Address

City, State, Zip

Phone Number

SWPPP Components You
Are Responsible For

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

Name of Trained

Individual Responsible for
SWPPP Implementation

Title

Signature of Trained

Individual Responsible for SWPPP Implementation

Date

Contractor and Subcontractor 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 proceeding.

Name

Title

Signature

Date

Company Name

Address

City, State, Zip

Phone Number

SWPPP Components You
Are Responsible For

1.

2.

3.

4.

5.

6.

Name of Trained

Individual Responsible for
SWPPP Implementation

Title

Signature of Trained

Individual Responsible for SWPPP Implementation

Date

Appendix A

Notice of Intent (NOI)

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-0-20-001
 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)

M A R T I N A N D K A T R I N A N A S O N

Owner/Operator Contact Person Last Name (NOT CONSULTANT)

N A S O N

Owner/Operator Contact Person First Name

K A T R I N A

Owner/Operator Mailing Address

8 9 P E A C H R O A D

City

M A R L B O R O U G H

State

N Y

Zip

-

Phone (Owner/Operator)

- -

Fax (Owner/Operator)

- -

Email (Owner/Operator)

y a n t z 1 6 @ a o l . c o m

FED TAX ID

- (not required for individuals)

Project Site Information

Project/Site Name

NASON FOUR (4) LOT RESIDENTIAL SUB.

Street Address (NOT P.O. BOX)

89 PEACH ROAD

Side of Street

☐ North ☐ South ☐ East ☒ West

City/Town/Village (THAT ISSUES BUILDING PERMIT)

TOWN OF MARLBOROUGH

State

N Y

Zip

County

ULSTER

DEC Region

3

Name of Nearest Cross Street

MAHONEY ROAD

Distance to Nearest Cross Street (Feet)

1000

Project In Relation to Cross Street

☐ North ☒ South ☐ East ☐ West

Tax Map Numbers

Section-Block-Parcel

95.4-3-13.2

Tax Map Numbers

1. Provide the Geographic Coordinates for the project site. To do this, go to the NYSDEC Stormwater Interactive Map on the DEC website at:

<https://gisservices.dec.ny.gov/gis/stormwater/>

Zoom into your Project Location such that you can accurately click on the centroid of your site. Once you have located the centroid of your project site, go to the bottom right hand corner of the map for the X, Y coordinates. Enter the coordinates into the boxes below. For problems with the interactive map use the help function.

X Coordinates (Easting)

-7 3 . 9 8 7

Ex. -73.749

Y Coordinates (Northing)

4

Ex. 42.652

2. What is the nature of this construction project?

☒ New Construction☐ Redevelopment with increase in impervious area☐ Redevelopment with no increase in impervious area

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

SELECT ONLY ONE CHOICE FOR EACH

**Pre-Development
Existing Land Use**

- ☐ FOREST
☐ PASTURE/OPEN LAND
☐ CULTIVATED LAND
☒ SINGLE FAMILY HOME
☐ SINGLE FAMILY SUBDIVISION
☐ TOWN HOME RESIDENTIAL
☐ MULTIFAMILY RESIDENTIAL
☐ INSTITUTIONAL/SCHOOL
☐ INDUSTRIAL
☐ COMMERCIAL
☐ ROAD/HIGHWAY
☐ RECREATIONAL/SPORTS FIELD
☐ BIKE PATH/TRAIL
☐ LINEAR UTILITY
☐ PARKING LOT
☐ OTHER

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

**Post-Development
Future Land Use**

- ☐ 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
☐ WELL DRILLING ACTIVITY *(Oil, Gas, etc.)
☐ OTHER

Number of Lots

4		
---	--	--

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

***Note:** for gas well drilling, non-high volume hydraulic fractured wells only

4. In accordance with the larger common plan of development or sale, enter the total project site area; the total area to be disturbed; existing impervious area to be disturbed (for redevelopment activities); and the future impervious area constructed within the disturbed area. (Round to the nearest tenth of an acre.)

**Total Site
Area**

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

**Total Area To
Be Disturbed**

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

**Existing Impervious
Area To Be Disturbed**

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

**Future Impervious
Area Within
Disturbed Area**

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

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

☐ Yes ☒ No

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

A

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

 %

B

25																			
----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

 %

C

50																			
----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

 %

D

25																			
----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

 %

7. Is this a phased project?

☐ Yes ☒ No

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

Start Date

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

End Date

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

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

Name

[illegible]

9a. Type of waterbody identified in Question 9?

- ☒ Wetland / State Jurisdiction On Site (Answer 9b)
☐ Wetland / State Jurisdiction Off Site
☐ Wetland / Federal Jurisdiction On Site (Answer 9b)
☐ 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

9b. How was the wetland identified?

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

10. Has the surface waterbody(ies) in question 9 been identified as a 303(d) segment in Appendix E of GP-0-20-001? ☐ Yes ☒ No

11. Is this project located in one of the Watersheds identified in Appendix C of GP-0-20-001? ☐ Yes ☒ No

12. Is the project located in one of the watershed areas associated with AA and AA-S classified waters? ☐ Yes ☒ No

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 an E or F on the USDA Soil Survey? ☐ Yes ☐ No
If Yes, what is the acreage to be disturbed?

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

14. Will the project disturb soils within a State regulated wetland or the protected 100 foot adjacent area? ☐ Yes ☒ No

15. Does the site runoff enter a separate storm sewer system (including roadside drains, swales, ditches, culverts, etc)? ☐ Yes ☒ No ☐ Unknown

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

TOWN OF MARLBOROUGH

17. Does any runoff from the site enter a sewer classified as a Combined Sewer? ☐ Yes ☒ No ☐ Unknown

18. Will future use of this site be an agricultural property as defined by the NYS Agriculture and Markets Law? ☒ Yes ☐ No

19. Is this property owned by a state authority, state agency, federal government or local government? ☐ Yes ☒ No

20. Is this a remediation project being done under a Department approved work plan? (i.e. CERCLA, RCRA, Voluntary Cleanup Agreement, etc.) ☐ Yes ☒ No

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)? ☒ Yes ☐ No

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)? ☐ Yes ☒ No
If No, skip questions 23 and 27-39.

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

SWPPP Preparer

JONATHAN CELLA, P.B.

Contact Name (Last, Space, First)

CELLA, JONATHAN

Mailing Address

51 HUNT ROAD

City

WALKILL

State Zip

NY

Phone

Email

jonathancella@hotmail.com

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-0-20-001. 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

JONATHAN

Last Name

CELLA

Signature

MI

Date _____

1	2	1	2	2	1	2	0	2	0
---	---	---	---	---	---	---	---	---	---

Post-construction Stormwater Management Practice (SMP) Requirements

**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.

- ☐ Preservation of Undisturbed Areas
- ☐ Preservation of Buffers
- ☐ Reduction of Clearing and Grading
- ☐ Locating Development in Less Sensitive Areas
- ☐ Roadway Reduction
- ☐ Sidewalk Reduction
- ☐ Driveway Reduction
- ☐ Cul-de-sac Reduction
- ☐ Building Footprint Reduction
- ☐ Parking Reduction

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).

- ☐ All disturbed areas will be restored in accordance with the Soil Restoration requirements in Table 5.3 of the Design Manual (see page 5-22).
- ☐ Compacted areas were considered as impervious cover when calculating the **WQv Required**, and the compacted areas were assigned a post-construction Hydrologic Soil Group (HSG) designation that is one level less permeable than existing conditions for the hydrology analysis.

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

Total WQv Required

. acre-feet

29. Identify the RR techniques (Area Reduction), RR techniques (Volume Reduction) and Standard SMPs with RRv Capacity in Table 1 (See Page 9) that were used to reduce the Total WQv Required (#28).

Also, provide in Table 1 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 Tables 1 and 2 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.

Table 1 - Runoff Reduction (RR) Techniques
and Standard Stormwater Management
Practices (SMPs)

RR Techniques (Area Reduction)	Total Contributing Area (acres)	and/or	Total Contributing Impervious Area (acres)
<input type="radio"/> Conservation of Natural Areas (RR-1) ...	<input type="text"/>		<input type="text"/>
<input type="radio"/> Sheetflow to Riparian Buffers/Filters Strips (RR-2)	<input type="text"/>		<input type="text"/>
<input type="radio"/> Tree Planting/Tree Pit (RR-3)	<input type="text"/>		<input type="text"/>
<input type="radio"/> Disconnection of Rooftop Runoff (RR-4) ..	<input type="text"/>		<input type="text"/>
<u>RR Techniques (Volume Reduction)</u>			
<input type="radio"/> Vegetated Swale (RR-5)	<input type="text"/>		<input type="text"/>
<input type="radio"/> Rain Garden (RR-6)	<input type="text"/>		<input type="text"/>
<input type="radio"/> Stormwater Planter (RR-7)	<input type="text"/>		<input type="text"/>
<input type="radio"/> Rain Barrel/Cistern (RR-8)	<input type="text"/>		<input type="text"/>
<input type="radio"/> Porous Pavement (RR-9)	<input type="text"/>		<input type="text"/>
<input type="radio"/> Green Roof (RR-10)	<input type="text"/>		<input type="text"/>
<u>Standard SMPs with RRV Capacity</u>			
<input type="radio"/> Infiltration Trench (I-1)	<input type="text"/>		<input type="text"/>
<input type="radio"/> Infiltration Basin (I-2)	<input type="text"/>		<input type="text"/>
<input type="radio"/> Dry Well (I-3)	<input type="text"/>		<input type="text"/>
<input type="radio"/> Underground Infiltration System (I-4)	<input type="text"/>		<input type="text"/>
<input type="radio"/> Bioretention (F-5)	<input type="text"/>		<input type="text"/>
<input type="radio"/> Dry Swale (O-1)	<input type="text"/>		<input type="text"/>
<u>Standard SMPs</u>			
<input type="radio"/> Micropool Extended Detention (P-1)	<input type="text"/>		<input type="text"/>
<input type="radio"/> Wet Pond (P-2)	<input type="text"/>		<input type="text"/>
<input type="radio"/> Wet Extended Detention (P-3)	<input type="text"/>		<input type="text"/>
<input type="radio"/> Multiple Pond System (P-4)	<input type="text"/>		<input type="text"/>
<input type="radio"/> Pocket Pond (P-5)	<input type="text"/>		<input type="text"/>
<input type="radio"/> Surface Sand Filter (F-1)	<input type="text"/>		<input type="text"/>
<input type="radio"/> Underground Sand Filter (F-2)	<input type="text"/>		<input type="text"/>
<input type="radio"/> Perimeter Sand Filter (F-3)	<input type="text"/>		<input type="text"/>
<input type="radio"/> Organic Filter (F-4)	<input type="text"/>		<input type="text"/>
<input type="radio"/> Shallow Wetland (W-1)	<input type="text"/>		<input type="text"/>
<input type="radio"/> Extended Detention Wetland (W-2)	<input type="text"/>		<input type="text"/>
<input type="radio"/> Pond/Wetland System (W-3)	<input type="text"/>		<input type="text"/>
<input type="radio"/> Pocket Wetland (W-4)	<input type="text"/>		<input type="text"/>
<input type="radio"/> Wet Swale (O-2)	<input type="text"/>		<input type="text"/>

Table 2 - Alternative SMPs
(DO NOT INCLUDE PRACTICES BEING
USED FOR PRETREATMENT ONLY)

<u>Alternative SMP</u>	<u>Total Contributing Impervious Area (acres)</u>																							
<input type="radio"/> Hydrodynamic	<table border="1"><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></table>																							
<input type="radio"/> Wet Vault	<table border="1"><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></table>																							
<input type="radio"/> Media Filter	<table border="1"><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></table>																							
<input type="radio"/> Other <table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>												<table border="1"><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></table>												

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

[illegible]

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.

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

Total RRv provided

			.				acre-feet
--	--	--	---	--	--	--	-----------

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

☐ Yes ☐ No

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)]

Minimum RRv Required

--	--	--

 .

--	--	--

acre-feet

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

☐ Yes ☐ No

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, so NOI can not be processed. SWPPP preparer must modify design to meet sizing criteria.

- Also, provide in Table 1 and 2 the total impervious area that contributes runoff to each practice selected.

Note: Use Tables 1 and 2 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.

WQv Provided

			.			acre-feet
--	--	--	---	--	--	-----------

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 - RRv 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).

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

35. Is the sum of the RRV provided (#30) and the WQV provided (#33a) greater than or equal to the total WQV required (#28)? ☐ Yes ☐ No

If Yes, go to question 36.

If No, sizing criteria has not been met, so 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
--	--	--	---	--	--	--	-----------

CPv Provided

--	--	--

 .

--	--	--

 acre-feet

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

- Site discharges directly to tidal waters or a fifth order or larger stream.
- Reduction of the total CPv is achieved on site through runoff reduction techniques or infiltration systems.

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

Total Overbank Flood Control Criteria (Qp)

Pre-Development

. CFS

Post-development

CFS

Total Extreme Flood Control Criteria (Qf)

Pre-Development

			.				CFS
--	--	--	---	--	--	--	-----

Post-development

□ □ □ . □ □ □ CFS

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

- ☐ Site discharges directly to tidal waters or a fifth order or larger stream.
- ☐ Downstream analysis reveals that the Qp and Qf controls are not required

- 37a. The need to meet the Qp and Qf criteria has been waived because:
- ☐ Site discharges directly to tidal waters or a fifth order or larger stream.
 - ☐ Downstream analysis reveals that the Qp and Qf controls are not required

38. 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

38. 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

38. 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

[illegible]

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.

- [illegible]

☒ None

- ☐ Yes ☒ No

					.
--	--	--	--	--	---

- ☐ Yes ☒ No

- ☐ Yes ☐ No

- | | | | | | | | | |
|---|---|---|--|--|--|--|--|--|
| N | Y | R | | | | | | |
|---|---|---|--|--|--|--|--|--|

Owner/Operator Certification

I have read or been advised of the permit conditions and believe that I understand them. I also understand that, under the terms of the permit, there may be reporting requirements. I hereby certify that this document and the corresponding documents were prepared under my direction or supervision. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. I further understand that coverage under the general permit will be identified in the acknowledgment that I will receive as a result of submitting this NOI and can be as long as sixty (60) business days as provided for in the general permit. I also understand that, by submitting this NOI, I am acknowledging that the SWPPP has been developed and will be implemented as the first element of construction, and agreeing to comply with all the terms and conditions of the general permit for which this NOI is being submitted.

Print First Name

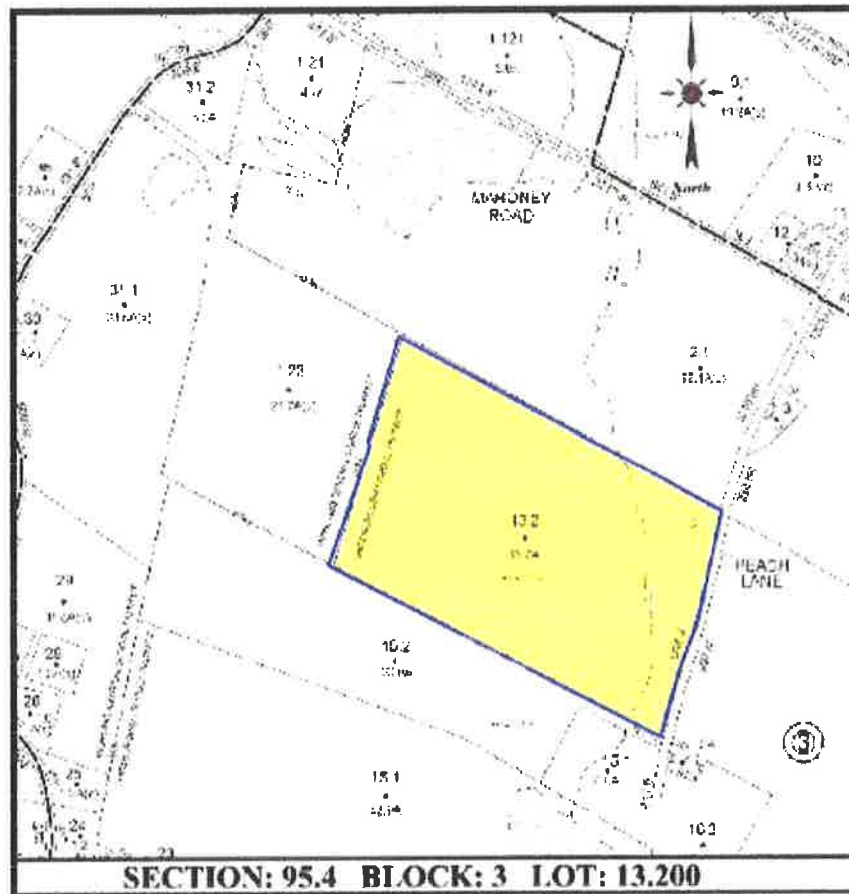
MARTIN

MI**Print Last Name**

NASON

Owner/Operator Signature**Date** / /

Appendix B
Location Map



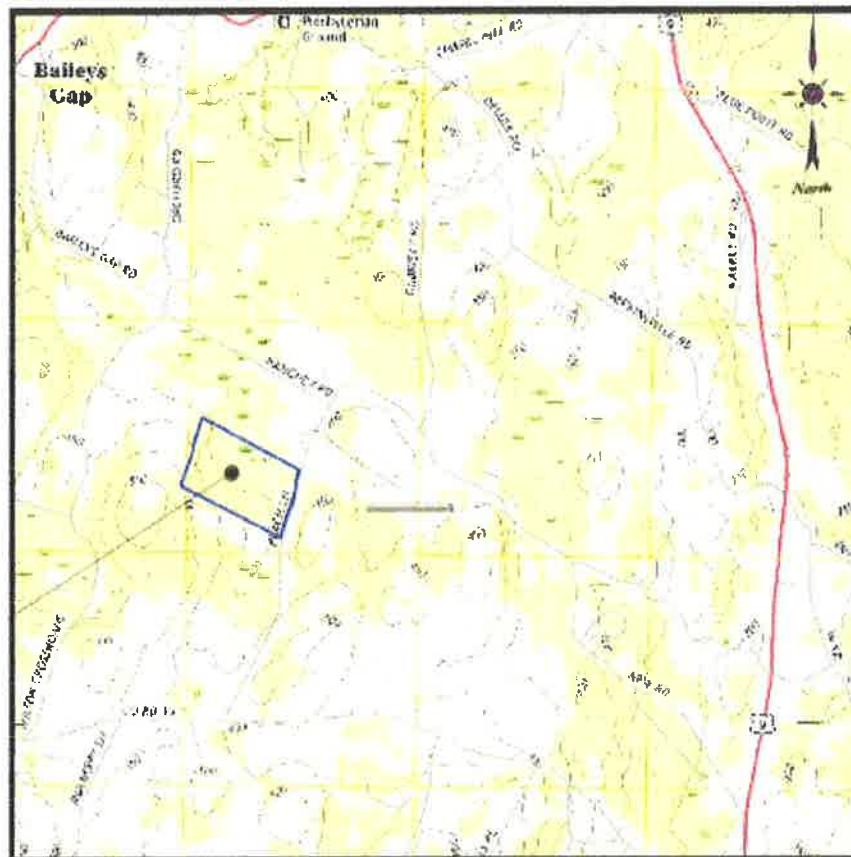
TAX MAP

FOUR (4) LOT RESIDENTIAL SUBDIVISION
MARTIN AND KATRINA NASON
PEACH LANE (S/B.L. 95.4-3-12.200)
TOWN OF MARLBOROUGH
ULSTER COUNTY, NEW YORK

JONATHAN CELLA, P.E.
31 HUNT ROAD

DATE: 11/20/2020	WALLKILL, NEW YORK 12580	DRAWN BY: JAC
SCALE: AS SHOWN		SHEET NO.: 1 OF 2

**Subject
Parcel
Area**



LOCATION MAP
USGS QUADRANGLE: POUGHKEEPSIE 7.5 Minute - 2016

USGS MAP

FOUR (4) LOT RESIDENTIAL SUBDIVISION
MARTIN AND KATRINA NASON
PEACH LANE (S/B.L. 91.4-3-12.200)
TOWN OF MARLBOROUGH
ULSTER COUNTY, NEW YORK

JONATHAN CELLA, P.E.
31 HUNT ROAD

DATE:	WALLKILL, NEW YORK 12580	DRAWN BY:
11/10/2010	01/10/2011	01/10/2011
SCALE:		SHEET NO. 1
AS NOTED		2 OF 2

Appendix C
SWPPP INSPECTION FORM

**HAMMOND RESIDENTIAL SUBDIVISION
WEEKLY SWPPP INSPECTION REPORT**

Inspector Name:	Date:
Signature (required):	Time:
Weather:	Inspection #:
Soil Conditions (dry, saturated, etc):	

Note: Digital photos, with date stamp required for all practices requiring corrective action, before and after, to be attached to the inspection report.

YES NO N/A

1. Routine Inspection. Date of last inspection: _____
☐ ☐ ☐
2. Inspection following rain event. Date/time of storm ending: _____
Rainfall amount: _____
Recorded by: _____
☐ ☐ ☐
3. Is this a final site inspection?
☐ ☐ ☐
4. Has site undergone final stabilization?

If so, have all temporary erosion and sediment controls been removed?

Site Disturbance (Indicate Locations on Plan)

YES NO N/A

1. ☐ ☐ ☐ Areas previously disturbed, but have not undergone active site work in the last 14 days?
2. ☐ ☐ ☐ Areas disturbed within last 14 days?
3. ☐ ☐ ☐ Areas expected to be disturbed in next 14 days? 4. Do areas of steep slopes or complex stabilization issues exist?
If "YES" explain: _____
5. ☐ ☐ ☐ Are there currently more than 5 acres of disturbed soil at the site? If so make sure there is an approval letter from NYS DEC.

Additional Comments: _____

Inspection of Erosion and Sediment Control Devices

	Type of Control Device	Accumulation (if any) in %	Repairs/Maintenance Needed
1.			
2.			
3.			
4.			
5.			
6.			

Stabilization/Runoff**YES NO N/A**

- | | | | | |
|--------------------------|--------------------------|--------------------------|-----------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 1. | Are all existing disturbed areas contained by control devices? Type of devices: |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2. | Are there areas that require stabilization within the next 14 days? Specify Area: |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 3. | Have stabilization measures been initiated in inactive areas? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 4. | Is there current snow cover or frozen ground conditions? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 5. | Rills or gullies? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 6. | Slumping/deposition? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 7. | Loss of vegetation? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 8. | Lack of germination? 9. Loss of mulching? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | |

Receiving Structures/Water Bodies (Indicate locations where runoff leaves the project site on the site plan)**YES NO N/A**

- 1.** ☐ ☐ ☐ Surface water swale or natural surface waterbody? If natural waterbody:
Is waterbody located ☐ onsite, or ☐ adjacent to property boundary?
- 2.** ☐ ☐ ☐ Municipal or community system?
Inspect locations where runoff from project site enters the receiving waters and indicate if there is evidence of:
☐ ☐ ☐ Rills or gullies?
☐ ☐ ☐ Slumping/deposition?
☐ ☐ ☐ Loss of vegetation?
☐ ☐ ☐ Undermining of structures?
☐ ☐ ☐ Was there a discharge into the receiving water on the day of inspection?
☐ ☐ ☐ Is there evidence of turbidity, sedimentation, or oil in the receiving waters?

Additional Comments:

Description of condition: _____

- a.
- b.
- c.
- d.
- e.
- f.

Inspection of Post-Construction Stormwater Management Control Devices

	Type of Control Device	Phase of Construction	Repairs/Maintenance Needed
1.			
2.			
3.			
4.			

General Site Condition**YES NO N/A**

- | | | | | |
|--------------------------|--------------------------|--------------------------|-----------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 1. | Have action items from previous reports been addressed? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2. | Does routine maintenance of protection components occur on a regular basis? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 3. | Does cleaning and/or sweeping affected roadways occur, at minimum, daily? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 4. | Is debris and litter removed on a monthly basis, or as necessary? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 5. | Is the site maintained in an orderly manner? |

Contractors progress over last 7 days: _____

Anticipated work to be begun in the next 7 days: _____

Additional Comments:

_____**Visual Observations****YES NO N/A**

- | | | | | |
|--------------------------|--------------------------|--------------------------|-----------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 1. | All erosion and sediment control measures have been installed/constructed? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2. | All erosion and sediment control measures are being maintained properly? |

SUMMARY OF ACTION ITEMS TO REPAIR/REPLACE/MAINTAIN/CORRECT DEFICIENCIESAction Reported To (no signature required):
_____Company:

Appendix D

Other SWPPP Forms

The operator shall prepare a summary of construction status using the Construction Sequence Form below once every month. Significant deviations to the sequence and reasons for those deviations (i.e. weather, subcontractor availability, etc.), shall be noted by the contractor. The schedule shall be used to record the dates for initiation of construction, implementation of erosion control measures, stabilization, etc. A copy of this table will be maintained at the construction site and updated in addition to the individual Inspection Reports completed for each inspection.

Construction Sequence Form

Construction Activities (Identify name of planned practices)	Date Complete
1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	
9.	
10.	
11.	

12.

**STORM WATER POLLUTION PREVENTION PLAN PLAN CHANGES,
AUTHORIZATION, AND CHANGE CERTIFICATION**

CHANGES REQUIRED TO THE POLLUTION PREVENTION PLAN:

REASONS FOR CHANGES:

REQUESTED BY: _____

DATE: _____

AUTHORIZED BY: _____

DATE: _____

CERTIFICATION OF CHANGES:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified

personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that false statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the penal code.

SIGNATURE: _____

DATE: _____

SPILL RESPONSE REPORT

Within 1 hour of a spill discovery less than 2 gallons in volume the following must be notified:

Steve Cowan
518-629-7356

Within 1 hour of a spill discovery greater than 2 gallons the following must be notified:

Steve Cowan 518-629-7356
NYSDEC Spill Response Hotline 1-800-457-7362
Spill Response Contractor

Material Spilled:

Approximate Volume: _____

Location:

Distance to nearest down gradient drainage:

Distance to nearest down gradient open water:

Temporary control measures in place:
