

Full Environmental Assessment Form
Part 1 - Project and Setting

Instructions for Completing Part 1

Part 1 is to be completed by the applicant or project sponsor. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification.

Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information; indicate whether missing information does not exist, or is not reasonably available to the sponsor; and, when possible, generally describe work or studies which would be necessary to update or fully develop that information.

Applicants/sponsors must complete all items in Sections A & B. In Sections C, D & E, most items contain an initial question that must be answered either "Yes" or "No". If the answer to the initial question is "Yes", complete the sub-questions that follow. If the answer to the initial question is "No", proceed to the next question. Section F allows the project sponsor to identify and attach any additional information. Section G requires the name and signature of the applicant or project sponsor to verify that the information contained in Part 1 is accurate and complete.

A. Project and Applicant/Sponsor Information.

Name of Action or Project: Highland 201 Solar LLC		
Project Location (describe, and attach a general location map): 206 Milton Turnpike, Marlborough, New York		
Brief Description of Proposed Action (include purpose or need): Highland 201 Solar LLC (Carson Power LLC) is proposing to construct a 4,100 kW (AC) solar photovoltaic array system on a portion of the site described above and illustrated on the attached map. The proposed project will consist of ground-mounted solar photovoltaic panels accessed by a gravel road and enclosed by a chain linked fence. The site encompasses approximately 78 Acres within the town of Marlborough, Ulster County, New York. The solar farm will operate as an energy generating facility as prescribed by the requirements of the New York Independent System Operation. The project will provide clean energy to the existing electric grid.		
Name of Applicant/Sponsor: Highland 201 Solar LLC (Carson Power LLC)		Telephone: (703) 485-6666 E-Mail: vgurung@carson-power.com
Address: 110 William Street, 24th floor, New York, NY 10038		
City/PO: New York	State: New York	Zip Code: 10038
Project Contact (if not same as sponsor; give name and title/role): Vardaan Gurung (Development Operations Manager)		Telephone: (703) 485-6666 E-Mail: vgurung@carson-power.com
Address: 110 William Street, 24th floor, New York, NY 10038		
City/PO: New York	State: New York	Zip Code: 10038
Property Owner (if not same as sponsor): Organic Valley LLC		Telephone: E-Mail:
Address: 487 South Ave, Unit 1		
City/PO: Beacon	State: NY	Zip Code: 12508

B. Government Approvals

B. Government Approvals, Funding, or Sponsorship. (“Funding” includes grants, loans, tax relief, and any other forms of financial assistance.)		
Government Entity	If Yes: Identify Agency and Approval(s) Required	Application Date (Actual or projected)
a. City Counsel, Town Board, <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No or Village Board of Trustees		
b. City, Town or Village <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Planning Board or Commission	Town of Marlborough - Site Plan Approval	August 2024
c. City, Town or <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Village Zoning Board of Appeals		
d. Other local agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
e. County agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Ulster County PILOT, Ulster County 239m GML Referral	November 2024
f. Regional agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
g. State agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	NYSDEC SPDES GP-0-20-001, NYSERDA, NYISO	May 2025
h. Federal agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
i. Coastal Resources.		
i. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No *	
iii. Is the project site within a Coastal Erosion Hazard Area?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

C. Planning and Zoning

C.1. Planning and zoning actions.

Will administrative or legislative adoption, or amendment of a plan, local law, ordinance, rule or regulation be the Yes No only approval(s) which must be granted to enable the proposed action to proceed?

- **If Yes**, complete sections C, F and G.
- **If No**, proceed to question C.2 and complete all remaining sections and questions in Part 1

C.2. Adopted land use plans.

a. Do any municipally- adopted (city, town, village or county) comprehensive land use plan(s) include the site Yes No where the proposed action would be located?

If Yes, does the comprehensive plan include specific recommendations for the site where the proposed action Yes No would be located?

b. Is the site of the proposed action within any local or regional special planning district (for example: Greenway; Yes No Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; or other?)

If Yes, identify the plan(s):

c. Is the proposed action located wholly or partially within an area listed in an adopted municipal open space plan, Yes No or an adopted municipal farmland protection plan?

If Yes, identify the plan(s):

* "No" was automatically selected by the NYSDEC EAF Mapper; however, the Town of Marlborough does have a LWRP program.

C.3. Zoning

a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance? Yes No
If Yes, what is the zoning classification(s) including any applicable overlay district?
Rural Agricultural 1 (RAG-1)

b. Is the use permitted or allowed by a special or conditional use permit? Yes No
c. Is a zoning change requested as part of the proposed action? Yes No
If Yes,
i. What is the proposed new zoning for the site?

C.4. Existing community services.

a. In what school district is the project site located? Marlboro School District
b. What police or other public protection forces serve the project site? Marlborough Police department
c. Which fire protection and emergency medical services serve the project site? Milton Fire District
d. What parks serve the project site? None

D. Project Details

D.1. Proposed and Potential Development

a. What is the general nature of the proposed action (e.g., residential, industrial, commercial, recreational; if mixed, include all components)?
ground mounted large-scale solar energy system
b. a. Total acreage of the site of the proposed action? 1 acres
b. Total acreage to be physically disturbed? 28.4 acres
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? 78 acres
c. Is the proposed action an expansion of an existing project or use? Yes No
i. If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet)? % _____ Units: _____
d. Is the proposed action a subdivision, or does it include a subdivision? Yes No
If Yes,
i. Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types)
ii. Is a cluster/conservation layout proposed? Yes No
iii. Number of lots proposed? _____
iv. Minimum and maximum proposed lot sizes? Minimum _____ Maximum _____
e. Will the proposed action be constructed in multiple phases? Yes No
i. If No, anticipated period of construction: 18 months
ii. If Yes:
• Total number of phases anticipated _____
• Anticipated commencement date of phase 1 (including demolition) _____ month _____ year
• Anticipated completion date of final phase _____ month _____ year
• Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases: _____

f. Does the project include new residential uses?

Yes No

If Yes, show numbers of units proposed.

One Family

Two Family

Three Family

Multiple Family (four or more)

Initial Phase

At completion

of all phases

g. Does the proposed action include new non-residential construction (including expansions)?

Yes No

If Yes,

i. Total number of structures 638

ii. Dimensions (in feet) of largest proposed structure: 15' height; 14.8' width; and varies length

iii. Approximate extent of building space to be heated or cooled: N/A square feet

h. Does the proposed action include construction or other activities that will result in the impoundment of any liquids, such as creation of a water supply, reservoir, pond, lake, waste lagoon or other storage?

Yes No

If Yes,

i. Purpose of the impoundment: _____

ii. If a water impoundment, the principal source of the water: Ground water Surface water streams Other specify: _____

iii. If other than water, identify the type of impounded/contained liquids and their source.

iv. Approximate size of the proposed impoundment. Volume: _____ million gallons; surface area: _____ acres

v. Dimensions of the proposed dam or impounding structure: _____ height; _____ length

vi. Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete):

D.2. Project Operations

a. Does the proposed action include any excavation, mining, or dredging, during construction, operations, or both? Yes No

(Not including general site preparation, grading or installation of utilities or foundations where all excavated materials will remain onsite)

If Yes:

i. What is the purpose of the excavation or dredging? _____

ii. How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site?

• Volume (specify tons or cubic yards): _____

• Over what duration of time? _____

iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them.

iv. Will there be onsite dewatering or processing of excavated materials? Yes No

If yes, describe. _____

v. What is the total area to be dredged or excavated? _____ acres

vi. What is the maximum area to be worked at any one time? _____ acres

vii. What would be the maximum depth of excavation or dredging? _____ feet

viii. Will the excavation require blasting? Yes No

ix. Summarize site reclamation goals and plan:

b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, waterbody, shoreline, beach or adjacent area? Yes No

If Yes:

i. Identify the wetland or waterbody which would be affected (by name, water index number, wetland map number or geographic description):

ii. Describe how the proposed action would affect that waterbody or wetland, e.g. excavation, fill, placement of structures, or alteration of channels, banks and shorelines. Indicate extent of activities, alterations and additions in square feet or acres:

iii. Will the proposed action cause or result in disturbance to bottom sediments? Yes No

If Yes, describe:

iv. Will the proposed action cause or result in the destruction or removal of aquatic vegetation? Yes No

If Yes:

- acres of aquatic vegetation proposed to be removed: _____
- expected acreage of aquatic vegetation remaining after project completion: _____
- purpose of proposed removal (e.g. beach clearing, invasive species control, boat access): _____

- proposed method of plant removal: _____
- if chemical/herbicide treatment will be used, specify product(s): _____

v. Describe any proposed reclamation/mitigation following disturbance: _____

c. Will the proposed action use, or create a new demand for water? Yes No

If Yes:

i. Total anticipated water usage/demand per day: _____ gallons/day

ii. Will the proposed action obtain water from an existing public water supply? Yes No

If Yes:

- Name of district or service area: _____ Yes No
- Does the existing public water supply have capacity to serve the proposal? Yes No
- Is the project site in the existing district? Yes No
- Is expansion of the district needed? Yes No
- Do existing lines serve the project site? Yes No

iii. Will line extension within an existing district be necessary to supply the project? Yes No

If Yes:

- Describe extensions or capacity expansions proposed to serve this project: _____
- Source(s) of supply for the district: _____

iv. Is a new water supply district or service area proposed to be formed to serve the project site? Yes No

If Yes:

- Applicant/sponsor for new district: _____
- Date application submitted or anticipated: _____
- Proposed source(s) of supply for new district: _____

v. If a public water supply will not be used, describe plans to provide water supply for the project: _____

vi. If water supply will be from wells (public or private), what is the maximum pumping capacity: _____ gallons/minute.

d. Will the proposed action generate liquid wastes? Yes No

If Yes:

i. Total anticipated liquid waste generation per day: _____ gallons/day

ii. Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combination, describe all components and approximate volumes or proportions of each): _____

iii. Will the proposed action use any existing public wastewater treatment facilities? Yes No

If Yes:

- Name of wastewater treatment plant to be used: _____ Yes No
- Name of district: _____ Yes No
- Does the existing wastewater treatment plant have capacity to serve the project? Yes No
- Is the project site in the existing district? Yes No
- Is expansion of the district needed? Yes No

- Do existing sewer lines serve the project site? Yes No
- Will a line extension within an existing district be necessary to serve the project? Yes No

If Yes:

- Describe extensions or capacity expansions proposed to serve this project: _____

iv. Will a new wastewater (sewage) treatment district be formed to serve the project site? Yes No

If Yes:

- Applicant/sponsor for new district: _____
- Date application submitted or anticipated: _____
- What is the receiving water for the wastewater discharge? _____

v. If public facilities will not be used, describe plans to provide wastewater treatment for the project, including specifying proposed receiving water (name and classification if surface discharge or describe subsurface disposal plans): _____

vi. Describe any plans or designs to capture, recycle or reuse liquid waste: _____

e. Will the proposed action disturb more than one acre and create stormwater runoff, either from new point sources (i.e. ditches, pipes, swales, curbs, gutters or other concentrated flows of stormwater) or non-point source (i.e. sheet flow) during construction or post construction? Yes No

If Yes:

- How much impervious surface will the project create in relation to total size of project parcel?

_____ Square feet or 0.69 acres (impervious surface)
 _____ Square feet or 78 acres (parcel size)
- Describe types of new point sources. ² Concrete equipment pads are proposed totaling 3,200 SF. Access to the site will be through 29,865 SF of Gravel road.

iii. Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent properties, groundwater, on-site surface water or off-site surface waters)?

Runoff from the gravel road will be directed into dry swales with underdrains and directed down grade to the North Eastern corner of the property. The runoff from the concrete pads will be directed to a grass filter strip which flow down grade to a dry detention basin at the North Eastern corner of the site.

- If to surface waters, identify receiving water bodies or wetlands:
 Runoff from the Southern portion of the property will flow downgrade through wetland 4, and continue to USACE wetland 3 which is connected to a 30,000 SF pond. The dry detention basin will discharge via a controlled outlet to match pre and post development rates.
- Will stormwater runoff flow to adjacent properties? Yes No

iv. Does the proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater? Yes No

f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel combustion, waste incineration, or other processes or operations? Yes No

If Yes, identify:

- Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles)
- Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers)
- Stationary sources during operations (e.g., process emissions, large boilers, electric generation)

g. Will any air emission sources named in D.2.f (above), require a NY State Air Registration, Air Facility Permit, Yes No or Federal Clean Air Act Title IV or Title V Permit?

If Yes:

- Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year) Yes No
- In addition to emissions as calculated in the application, the project will generate:
 - Tons/year (short tons) of Carbon Dioxide (CO₂)
 - Tons/year (short tons) of Nitrous Oxide (N₂O)
 - Tons/year (short tons) of Perfluorocarbons (PFCs)
 - Tons/year (short tons) of Sulfur Hexafluoride (SF₆)
 - Tons/year (short tons) of Carbon Dioxide equivalent of Hydrofluorocarbons (HFCs)
 - Tons/year (short tons) of Hazardous Air Pollutants (HAPs)

h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If Yes:	
i. Estimate methane generation in tons/year (metric): _____	
ii. Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring): _____	
i. Will the proposed action result in the release of air pollutants from open-air operations or processes, such as quarry or landfill operations?	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
If Yes: Describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust): _____ _____	
j. Will the proposed action result in a substantial increase in traffic above present levels or generate substantial new demand for transportation facilities or services?	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
If Yes:	
i. When is the peak traffic expected (Check all that apply): <input type="checkbox"/> Morning <input type="checkbox"/> Evening <input type="checkbox"/> Weekend	
<input type="checkbox"/> Randomly between hours of _____ to _____.	
ii. For commercial activities only, projected number of truck trips/day and type (e.g., semi trailers and dump trucks): _____	
iii. Parking spaces: Existing _____ Proposed _____ Net increase/decrease _____	
iv. Does the proposed action include any shared use parking? <input type="checkbox"/> Yes <input type="checkbox"/> No	
v. If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe:	
vi. Are public/private transportation service(s) or facilities available within ½ mile of the proposed site? <input type="checkbox"/> Yes <input type="checkbox"/> No	
vii. Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? <input type="checkbox"/> Yes <input type="checkbox"/> No	
viii. Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? <input type="checkbox"/> Yes <input type="checkbox"/> No	
k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy?	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
If Yes:	
i. Estimate annual electricity demand during operation of the proposed action: _____	
ii. Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility, or other): _____	
iii. Will the proposed action require a new, or an upgrade, to an existing substation? <input type="checkbox"/> Yes <input type="checkbox"/> No	
l. Hours of operation. Answer all items which apply.	
i. During Construction:	
<ul style="list-style-type: none"> • Monday - Friday: _____ 7 am to 7 pm • Saturday: _____ 7 am to 7 pm • Sunday: _____ None • Holidays: _____ None 	
ii. During Operations:	
<ul style="list-style-type: none"> • Monday - Friday: _____ 24 Hrs • Saturday: _____ 24 Hrs • Sunday: _____ 24 Hrs • Holidays: _____ 24 Hrs 	

m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If yes:	
i. Provide details including sources, time of day and duration: <u>heavy equipment, during the hours of construction.</u>	
ii. Will the proposed action remove existing natural barriers that could act as a noise barrier or screen? Describe: <u>0.18 acres of tree removal will occur within the array area.</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
n. Will the proposed action have outdoor lighting? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
If yes:	
i. Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:	
ii. Will proposed action remove existing natural barriers that could act as a light barrier or screen? Describe: _____	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
o. Does the proposed action have the potential to produce odors for more than one hour per day? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures: _____ _____	
p. Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons) or chemical products 185 gallons in above ground storage or any amount in underground storage? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes:	
i. Product(s) to be stored _____	
ii. Volume(s) _____ per unit time _____ (e.g., month, year)	
iii. Generally, describe the proposed storage facilities: _____	
q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes:	
i. Describe proposed treatment(s): _____ _____ _____	
ii. Will the proposed action use Integrated Pest Management Practices? <input type="checkbox"/> Yes <input type="checkbox"/> No	
r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes:	
i. Describe any solid waste(s) to be generated during construction or operation of the facility:	
• Construction: _____ tons per _____ (unit of time)	
• Operation : _____ tons per _____ (unit of time)	
ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:	
• Construction: _____	
• Operation: _____	
iii. Proposed disposal methods/facilities for solid waste generated on-site:	
• Construction: _____	
• Operation: _____	

s. Does the proposed action include construction or modification of a solid waste management facility?

Yes No

If Yes:

i. Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill, or other disposal activities): _____

ii. Anticipated rate of disposal/processing:

- _____ Tons/month, if transfer or other non-combustion/thermal treatment, or
- _____ Tons/hour, if combustion or thermal treatment

iii. If landfill, anticipated site life: _____ years

t. Will the proposed action at the site involve the commercial generation, treatment, storage, or disposal of hazardous waste? Yes No

If Yes:

i. Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility: _____

ii. Generally describe processes or activities involving hazardous wastes or constituents: _____

iii. Specify amount to be handled or generated _____ tons/month

iv. Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents: _____

v. Will any hazardous wastes be disposed at an existing offsite hazardous waste facility? Yes No

If Yes: provide name and location of facility: _____

If No: describe proposed management of any hazardous wastes which will not be sent to a hazardous waste facility: _____

E. Site and Setting of Proposed Action

E.1. Land uses on and surrounding the project site

a. Existing land uses.

i. Check all uses that occur on, adjoining and near the project site.

Urban Industrial Commercial Residential (suburban) Rural (non-farm)
 Forest Agriculture Aquatic Other (specify): _____

ii. If mix of uses, generally describe:

b. Land uses and covertypes on the project site.

Land use or Covertype	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
• Roads, buildings, and other paved or impervious surfaces	2.30	2.99	+0.69
• Forested	2.78	2.60	-0.18
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)	69.63	69.12	-0.51
• Agricultural (includes active orchards, field, greenhouse etc.)	0	0	0
• Surface water features (lakes, ponds, streams, rivers, etc.)	0.69	0.69	0
• Wetlands (freshwater or tidal)	2.60	2.60	0
• Non-vegetated (bare rock, earth or fill)	0	0	0
• Other Describe: _____			

c. Is the project site presently used by members of the community for public recreation? i. If Yes: explain: _____	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers, or group homes) within 1500 feet of the project site? If Yes, i. Identify Facilities: _____	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
e. Does the project site contain an existing dam? If Yes: i. Dimensions of the dam and impoundment: • Dam height: _____ feet • Dam length: _____ feet • Surface area: _____ acres • Volume impounded: _____ gallons OR acre-feet	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
ii. Dam's existing hazard classification: _____	
iii. Provide date and summarize results of last inspection: _____	
f. Has the project site ever been used as a municipal, commercial or industrial solid waste management facility, or does the project site adjoin property which is now, or was at one time, used as a solid waste management facility? If Yes: i. Has the facility been formally closed? • If yes, cite sources/documentation: _____	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
ii. Describe the location of the project site relative to the boundaries of the solid waste management facility: _____	
iii. Describe any development constraints due to the prior solid waste activities: _____	
g. Have hazardous wastes been generated, treated and/or disposed of at the site, or does the project site adjoin property which is now or was at one time used to commercially treat, store and/or dispose of hazardous waste? If Yes: i. Describe waste(s) handled and waste management activities, including approximate time when activities occurred: _____	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
h. Potential contamination history. Has there been a reported spill at the proposed project site, or have any remedial actions been conducted at or adjacent to the proposed site? If Yes: i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? Check all that apply: <input type="checkbox"/> Yes – Spills Incidents database Provide DEC ID number(s): _____ <input type="checkbox"/> Yes – Environmental Site Remediation database Provide DEC ID number(s): _____ <input type="checkbox"/> Neither database	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
ii. If site has been subject of RCRA corrective activities, describe control measures: _____	
iii. Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? If yes, provide DEC ID number(s): _____	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
iv. If yes to (i), (ii) or (iii) above, describe current status of site(s): _____	

v. Is the project site subject to an institutional control limiting property uses?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
• If yes, DEC site ID number: _____	
• Describe the type of institutional control (e.g., deed restriction or easement): _____	
• Describe any use limitations: _____	
• Describe any engineering controls: _____	
• Will the project affect the institutional or engineering controls in place?	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Explain: _____	

E.2. Natural Resources On or Near Project Site

a. What is the average depth to bedrock on the project site?	6.0 feet						
b. Are there bedrock outcroppings on the project site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						
If Yes, what proportion of the site is comprised of bedrock outcroppings? _____ %							
c. Predominant soil type(s) present on project site:	<table border="0"> <tr> <td>Vilusia Gravelly SiltLoam(VoB&VoC)</td> <td>37.1 %</td> </tr> <tr> <td>Bath Gravelly Silt Loam (BgC&BgD)</td> <td>34.7 %</td> </tr> <tr> <td>Mardin Gravelly Silt Loam (Mdb)</td> <td>11.7 %</td> </tr> </table>	Vilusia Gravelly SiltLoam(VoB&VoC)	37.1 %	Bath Gravelly Silt Loam (BgC&BgD)	34.7 %	Mardin Gravelly Silt Loam (Mdb)	11.7 %
Vilusia Gravelly SiltLoam(VoB&VoC)	37.1 %						
Bath Gravelly Silt Loam (BgC&BgD)	34.7 %						
Mardin Gravelly Silt Loam (Mdb)	11.7 %						
d. What is the average depth to the water table on the project site? Average: _____ 0 feet							
e. Drainage status of project site soils:	<table border="0"> <tr> <td><input checked="" type="checkbox"/> Well Drained:</td> <td>0.2 % of site</td> </tr> <tr> <td><input checked="" type="checkbox"/> Moderately Well Drained:</td> <td>47.7 % of site</td> </tr> <tr> <td><input checked="" type="checkbox"/> Poorly Drained</td> <td>52.2 % of site</td> </tr> </table>	<input checked="" type="checkbox"/> Well Drained:	0.2 % of site	<input checked="" type="checkbox"/> Moderately Well Drained:	47.7 % of site	<input checked="" type="checkbox"/> Poorly Drained	52.2 % of site
<input checked="" type="checkbox"/> Well Drained:	0.2 % of site						
<input checked="" type="checkbox"/> Moderately Well Drained:	47.7 % of site						
<input checked="" type="checkbox"/> Poorly Drained	52.2 % of site						
f. Approximate proportion of proposed action site with slopes:	<table border="0"> <tr> <td><input checked="" type="checkbox"/> 0-10%:</td> <td>45+ % of site</td> </tr> <tr> <td><input checked="" type="checkbox"/> 10-15%:</td> <td>27+ % of site</td> </tr> <tr> <td><input checked="" type="checkbox"/> 15% or greater:</td> <td>24+ % of site</td> </tr> </table>	<input checked="" type="checkbox"/> 0-10%:	45+ % of site	<input checked="" type="checkbox"/> 10-15%:	27+ % of site	<input checked="" type="checkbox"/> 15% or greater:	24+ % of site
<input checked="" type="checkbox"/> 0-10%:	45+ % of site						
<input checked="" type="checkbox"/> 10-15%:	27+ % of site						
<input checked="" type="checkbox"/> 15% or greater:	24+ % of site						
g. Are there any unique geologic features on the project site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						
If Yes, describe: _____							
h. Surface water features.							
i. Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No						
ii. Do any wetlands or other waterbodies adjoin the project site?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No						
If Yes to either i or ii, continue. If No, skip to E.2.i.							
iii. Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No						
iv. For each identified regulated wetland and waterbody on the project site, provide the following information:							
• Streams: Name 862-392	Classification C						
• Lakes or Ponds: Name _____	Classification _____						
• Wetlands: Name Federal Waters, Federal Waters, Federal Waters,...	Approximate Size _____						
• Wetland No. (if regulated by DEC) _____							
v. Are any of the above water bodies listed in the most recent compilation of NYS water quality-impaired waterbodies?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						
If yes, name of impaired water body/bodies and basis for listing as impaired: _____							
i. Is the project site in a designated Floodway?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						
j. Is the project site in the 100-year Floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						
k. Is the project site in the 500-year Floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						
l. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						
If Yes:							
i. Name of aquifer: _____							

m. Identify the predominant wildlife species that occupy or use the project site:	deer	groundhog	raccoons
	birds	rabbits	skunks
	squirrels	chipmunks	
n. Does the project site contain a designated significant natural community?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
If Yes:			
i. Describe the habitat/community (composition, function, and basis for designation):			
ii. Source(s) of description or evaluation:			
iii. Extent of community/habitat:			
• Currently:	acres	acres	acres
• Following completion of project as proposed:		acres	
• Gain or loss (indicate + or -):		acres	
o. Does project site contain any species of plant or animal that is listed by the federal government or NYS as endangered or threatened, or does it contain any areas identified as habitat for an endangered or threatened species?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
If Yes:			
i. Species and listing (endangered or threatened):			
p. Does the project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
If Yes:			
i. Species and listing:			
q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
If yes, give a brief description of how the proposed action may affect that use:			
E.3. Designated Public Resources On or Near Project Site			
a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
If Yes, provide county plus district name/number: <u>ULST001</u>			
b. Are agricultural lands consisting of highly productive soils present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
i. If Yes: acreage(s) on project site? <u>61 acres</u>			
ii. Source(s) of soil rating(s): <u>farmland of statewide importance</u>			
c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
If Yes:			
i. Nature of the natural landmark: <input type="checkbox"/> Biological Community <input type="checkbox"/> Geological Feature			
ii. Provide brief description of landmark, including values behind designation and approximate size/extent:			
d. Is the project site located in or does it adjoin a state listed Critical Environmental Area?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
If Yes:			
i. CEA name: _____			
ii. Basis for designation: _____			
iii. Designating agency and date: _____			

e. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on the National or State Register of Historic Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places? Yes No

If Yes:

i. Nature of historic/archaeological resource: Archaeological Site Historic Building or District

ii. Name: _____

iii. Brief description of attributes on which listing is based: _____

f. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory? Yes No

g. Have additional archaeological or historic site(s) or resources been identified on the project site? Yes No

If Yes:

i. Describe possible resource(s): _____

ii. Basis for identification: _____

h. Is the project site within five miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource? Yes No

If Yes:

i. Identify resource: _____

ii. Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.): _____

iii. Distance between project and resource: _____ miles.

i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR 666? Yes No

If Yes:

i. Identify the name of the river and its designation: _____

ii. Is the activity consistent with development restrictions contained in 6NYCRR Part 666? Yes No

F. Additional Information

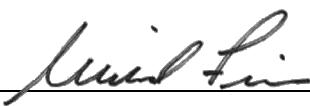
Attach any additional information which may be needed to clarify your project.

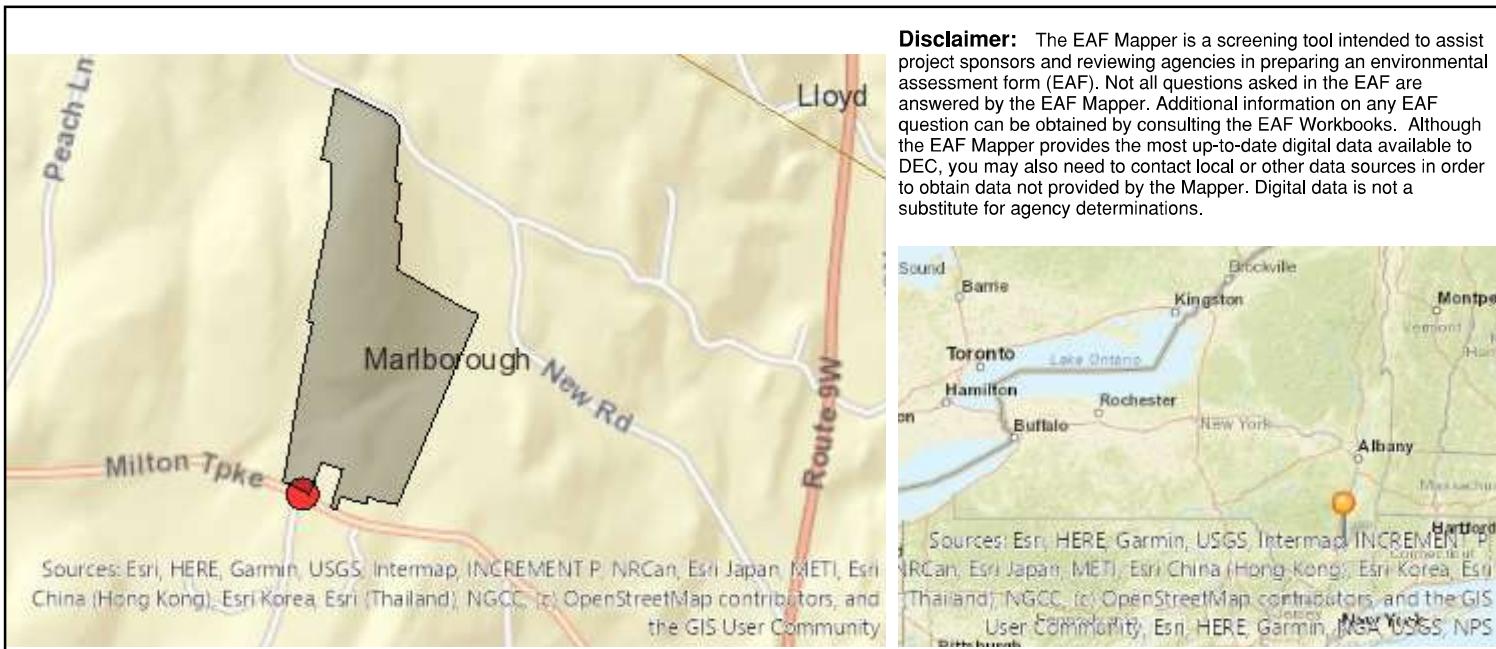
If you have identified any adverse impacts which could be associated with your proposal, please describe those impacts plus any measures which you propose to avoid or minimize them.

G. Verification

I certify that the information provided is true to the best of my knowledge.

Applicant/Sponsor Name Michael Finan, PE, LEED-AP Date 10/9/2024

Signature  Title Principal/VP



B.i.i [Coastal or Waterfront Area]	Yes
B.i.ii [Local Waterfront Revitalization Area]	No
C.2.b. [Special Planning District]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h [DEC Spills or Remediation Site - Potential Contamination History]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Listed]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Environmental Site Remediation Database]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.iii [Within 2,000' of DEC Remediation Site]	No
E.2.g [Unique Geologic Features]	No
E.2.h.i [Surface Water Features]	Yes
E.2.h.ii [Surface Water Features]	Yes
E.2.h.iii [Surface Water Features]	Yes - Digital mapping information on local and federal wetlands and waterbodies is known to be incomplete. Refer to EAF Workbook.
E.2.h.iv [Surface Water Features - Stream Name]	862-392
E.2.h.iv [Surface Water Features - Stream Classification]	C
E.2.h.iv [Surface Water Features - Wetlands Name]	Federal Waters
E.2.h.v [Impaired Water Bodies]	No
E.2.i. [Floodway]	No
E.2.j. [100 Year Floodplain]	No
E.2.k. [500 Year Floodplain]	No

E.2.l. [Aquifers]	No
E.2.n. [Natural Communities]	No
E.2.o. [Endangered or Threatened Species]	No
E.2.p. [Rare Plants or Animals]	No
E.3.a. [Agricultural District]	Yes
E.3.a. [Agricultural District]	ULST001
E.3.c. [National Natural Landmark]	No
E.3.d [Critical Environmental Area]	No
E.3.e. [National or State Register of Historic Places or State Eligible Sites]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.3.f. [Archeological Sites]	No
E.3.i. [Designated River Corridor]	No