

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 that 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 following sub-questions. If the answer to the initial question is "No," proceed to the next question. Section F allows the project sponsor to identify and attach additional information. Section G requires the name and signature of the applicant or project sponsor to verify the information in Part 1 is accurate and complete.

A. Project and Applicant/Sponsor Information.

Name of Action or Project: Top Hat Energy		
Project Location (describe and attach a general location map): 2-6 Electric Drive, Moreau, NY 12803		
Brief Description of Proposed Action (include purpose or need): The proposed project consists of the development of a ground mounted solar photovoltaic (PV) facility on eight parcels (Tax Map #: 50.-4-(11,12,13,14,16,22,23,25)) and a portion of the Town's right-of-way (ROW) (Tax Map #: 50.-4-96.1), totaling approximately 54.66± acres. The PV system is designed to generate 2.5 MW of electricity and will occupy approximately 3.50± acres. The project includes the installation of a single-axis tracker PV system utilizing central inverter and transformer equipment, all of which will be accessible via proposed gravel access roads. The solar facility will interconnect with the existing electrical grid along the eastern boundary of the project area.		
Name of Applicant/Sponsor: Top Hat Energy, LLC c/o Nexamp Solar, LLC		Telephone: (607) 237-5254
		E-Mail: fball@nexamp.com
Address: 101 Summer St, 2nd Floor		
City/PO: Boston	State: MA	Zip Code: 02110
Project Contact (if not same as sponsor; give name and title/role): Faraad Rasul, Project Engineer		Telephone: (518) 371-7621 ext 139
		E-Mail: frasul@edpllp.com
Address: 900 Route 146		
City/PO: Clifton Park	State: NY	Zip Code: 12065
Property Owner (if not same as sponsor): Moreau Industrial Park, LLC		Telephone:
		E-Mail:
Address: 269 Ballard Road		
City/PO: Wilton	State: NY	Zip Code: 12831

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 Council, Town Board, ☐ Yes ☒ No or Village Board of Trustees		
b. City, Town or Village ☒ Yes ☐ No Planning Board or Commission	Site Plan Application	
c. City, Town or ☐ Yes ☒ No Village Zoning Board of Appeals		
d. Other local agencies ☒ Yes ☐ No	Town of Moreau Building Department and Highway Department	
e. County agencies ☒ Yes ☐ No	Saratoga County	
f. Regional agencies ☐ Yes ☒ No		
g. State agencies ☒ Yes ☐ No	NYSDEC - SPDES & NYSOPRHP	
h. Federal agencies ☐ Yes ☒ No		
i. Coastal Resources.		
i. Is the project site within a Coastal Area or the waterfront area of a Designated Inland Waterway?		☐ Yes ☒ No
ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program?		☐ Yes ☒ No
iii. Is the project site within a Coastal Erosion Hazard Area?		☐ Yes ☒ 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 only approval(s) that must be granted to enable the proposed action to proceed? ☐ Yes ☒ No

- 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 where the proposed action would be located? ☒ Yes ☐ No

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

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

If Yes, identify the plan(s):
Remediation Sites:546031, NYS Heritage Areas:Mohawk Valley Heritage Corridor

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

If Yes, identify the plan(s):

d. Is the proposed action in a municipality with an adopted comprehensive or individual plan that addresses climate change? ☐ Yes ☒ No

If Yes, identify the elements of the plan that are relevant to the action:

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?

General Manufacturing & Industrial (M-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, what is the proposed new zoning for the site?

C.4. Existing community services.

a. In what school district is the project site located? Kingsbury School District (Hudson Falls School District)

b. What police or other public protection forces serve the project site?
Town of Moreau Police Department

c. Which fire protection and emergency medical services serve the project site?
South Glens Falls Fire Company Inc.

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)? Construction and operation of a 2.5 MW ground mounted solar PV facility with associated access road, inverter/transformer equipment and utility interconnection

b. a. Total acreage of the site of the proposed action? +/- 54.66 acres
b. Total acreage to be physically disturbed? +/- 13.90 acres
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? +/- 54.66 acres

c. Is the proposed action an expansion of an existing project or use? ☐ Yes ☒ No
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: <u>8-10</u> 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.				
	<u>One Family</u>	<u>Two Family</u>	<u>Three Family</u>	<u>Multiple Family (four or more)</u>
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 <u>1 Solar Array</u> ii. Dimensions (in feet) of largest proposed structure: ≤ 20 height; <u>8</u> width; and <u>304</u> length iii. Approximate extent of building space to be heated or cooled: <u>N/A</u> 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: <u>Stormwater Management Area</u> ii. If a water impoundment, the principal source of the water: _____ ☐ Ground water ☐ Surface water streams ☒ Other specify: <u>Stormwater runoff</u> iii. If other than water, identify the type of impounded/contained liquids and their source. <u>Rainfall</u> iv. Approximate size of the proposed impoundment. Volume: <u>0.015</u> million gallons; surface area: <u>0.034</u> acres v. Dimensions of the proposed dam or impounding structure: <u>3 ft</u> height; <u>170 ft</u> length vi. Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete): <u>Earth fill</u>	

D.2. Project Operations

a. Does the proposed action include any excavation, mining, or dredging, during construction, operations, or both? (Not including general site preparation, grading or installation of utilities or foundations where all excavated materials will remain onsite) ☐ Yes ☒ No	
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: _____
- 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: _____

• Name of district: _____

• 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):

None required

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

None

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:

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

_____ Square feet or 0.50 acres (impervious surface)

_____ Square feet or 54.66 acres (parcel size)

ii. Describe types of new point sources. **Gravel Access Roads and Concrete Equipment Pad**

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)?

On-site stormwater management areas (infiltration basin and filter grass strip). Stormwater will receive treatment by the mentioned stormwater management practices before flowing overland towards minor tribs to upper Hudson, as described within the stormwater narrative & SWPPP.

• If to surface waters, identify receiving water bodies or wetlands: _____

• 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

k. Will the proposed action (for commercial or industrial projects only) generate new or additional energy demand? ☐ Yes ☒ 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? ☐ Yes ☐ No			
l. Hours of operation. Answer all items which apply. <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> i. During Construction: • Monday - Friday: <u>7am to 7pm</u> • Saturday: <u>8am to 5pm</u> • Sunday: <u>No Work</u> • Holidays: <u>No Work</u> </td> <td style="width: 50%; vertical-align: top;"> ii. During Operations: • Monday - Friday: <u>daylight solar generation</u> • Saturday: <u>daylight solar generation</u> • Sunday: <u>daylight solar generation</u> • Holidays: <u>daylight solar generation</u> </td> </tr> </table>		i. During Construction: • Monday - Friday: <u>7am to 7pm</u> • Saturday: <u>8am to 5pm</u> • Sunday: <u>No Work</u> • Holidays: <u>No Work</u>	ii. During Operations: • Monday - Friday: <u>daylight solar generation</u> • Saturday: <u>daylight solar generation</u> • Sunday: <u>daylight solar generation</u> • Holidays: <u>daylight solar generation</u>
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m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both? ☒ Yes ☐ No If yes: i. Provide details including sources, time of day and duration: Typical of site construction equipment during construction time frame (earth moving equipment and pile driving equipment for the solar panels posts and fence posts). Combines electrical equipment noise of 82 +/- db (at the equipment) or less during periods of energy production ii. Will the proposed action remove existing natural barriers that could act as a noise barrier or screen? ☐ Yes ☒ No Describe: _____			
n. Will the proposed action have outdoor lighting? ☐ Yes ☒ 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? ☐ Yes ☐ No Describe: _____			
o. Does the proposed action have the potential to produce odors for more than one hour per day? ☐ Yes ☒ 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? ☐ Yes ☒ 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, insecticide) during construction or operation? ☐ Yes ☒ No If Yes: i. Describe proposed treatment(s): _____ ii. Will the proposed action use Integrated Pest Management Practices? ☐ Yes ☒ No			

r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)? ☒ Yes ☐ No

If Yes:

i. Describe any solid waste(s) to be generated during construction or operation of the facility:

- Construction: 0.5 tons per 10 months (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: The majority of solid waste will be pallets/cardboard for solar panel delivery. Cardboard will be recycled and pallets will be recycled or sold. Wash water from the concrete washout will also be generated and disposed of offsite in approved manner.
- Operation: Waste from the concrete washout will be disposed of offsite at a facility that is operating in conjunction with all local, state and federal regulations

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 cover types on the project site.			
Land use or Cover type	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
• Roads, buildings, and other paved or impervious surfaces (total) • Industrial or manufacturing • Commercial • Residential	0.15	0.65	+0.50
• Forested	49.22	31.22	-18.00
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)	3.00	21.00	+18.00
• Agricultural (includes active orchards, field, greenhouse, etc.)			
• Surface water features (lakes, ponds, streams, rivers, etc.)			
• Wetlands (freshwater or tidal)	1.38	1.38	0
• Non-vegetated (bare rock, earth, or fill)			
• Other, Describe: <u>Dirt Road</u>	0.58	0.39	0.19

c. Is the project site presently used by members of the community for public recreation? <i>i. If Yes: explain:</i> _____	☐ Yes ☒ 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>i. Identify facilities:</i> _____	☐ Yes ☒ No
e. Does the project site contain an existing dam? If Yes: <i>i. Dimensions of the dam and impoundment:</i> • Dam height: _____ feet • Dam length: _____ feet • Surface area: _____ acres • Volume impounded: _____ gallons OR acre-feet <i>ii. Dam's existing hazard classification:</i> _____ <i>iii. Provide date and summarize results of last inspection:</i> _____	☐ Yes ☒ No
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 that is now, or was at one time, used as a solid waste management facility? If Yes: <i>i. Has the facility been formally closed?</i> • If Yes, cite sources/documentation: _____ <i>ii. Describe the location of the project site relative to the boundaries of the solid waste management facility:</i> _____ _____ <i>iii. Describe any development constraints due to the prior solid waste activities:</i> _____	☐ Yes ☒ No ☐ Yes ☐ No
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>i. Describe waste(s) handled and waste management activities, including approximate time when activities occurred:</i> _____	☐ Yes ☒ 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>i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? Check all that apply:</i> ☐ Yes – Spills Incidents database ☐ Yes – Environmental Site Remediation database ☐ Neither database Provide DEC ID number(s): _____ Provide DEC ID number(s): <u>546031</u> <i>ii. If site has been subject of RCRA corrective activities, describe control measures:</i> _____ _____ <i>iii. Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database?</i> If Yes, provide DEC ID number(s): <u>546031</u> <i>iv. If Yes to (i), (ii) or (iii) above, describe current status of site(s):</i> _____	☒ Yes ☐ No ☒ Yes ☐ No

v. Is the project site subject to an institutional control limiting property uses? ☐ Yes ☒ 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? ☐ Yes ☐ No • Explain: _____	
E.2. Natural Resources On or Near Project Site	
a. What is the average depth to bedrock on the project site? > 6 _____ feet	
b. Are there bedrock outcroppings on the project site? ☐ Yes ☒ No If Yes, what proportion of the site is comprised of bedrock outcroppings? _____ %	
c. Predominant soil type(s) present on project site: <u>A</u> _____ <u>100</u> % _____ % _____ % 	
d. What is the average depth to the water table on the project site? Average: > 6 _____ feet	
e. Drainage status of project site soils: ☒ Well Drained: <u>100</u> % of site ☐ Moderately Well Drained: _____ % of site ☐ Poorly Drained: _____ % of site	
f. Approximate proportion of proposed action site with slopes: ☒ 0-10%: <u>68</u> % of site ☒ 10-15%: <u>20</u> % of site ☒ 15% or greater: <u>12</u> % of site 	
g. Are there any unique geologic features on the project site? ☐ Yes ☐ 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)? ☒ Yes ☐ No	
ii. Do any wetlands or other waterbodies adjoin the project site? ☒ Yes ☐ No	
If Yes to either <i>i</i> or <i>ii</i> , 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? ☒ Yes ☐ No	
iv. For each identified regulated wetland and waterbody on the project site, provide the following information:	
• Streams: Name <u>Hudson River</u> Classification <u>Class C</u> • Lakes or Ponds: Name _____ Classification _____ • Wetlands: Name <u>Federal Waters. Federal Waters. Federal W+</u> 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? ☐ Yes ☒ No If Yes, name of impaired water body/bodies and basis for listing as impaired: _____	
i. Is the project site in a designated Floodway? ☐ Yes ☒ No	
j. Is the project site in the 100-year Floodplain? ☐ Yes ☒ No	
k. Is the project site in the 500-year Floodplain? ☐ Yes ☒ No	
l. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer? ☒ Yes ☐ No If Yes: i. Name of aquifer: <u>Principal Aquifer</u>	

m. Identify the predominant wildlife species that occupy or use the project site:		
Deer _____ Squirrels _____ Rabbits _____	Fox _____ Coyote _____ Raccoon _____	Songbirds _____ _____ _____
n. Does the project site contain a designated significant natural community? ☐ Yes ☒ 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 • 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? ☐ Yes ☒ 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? ☐ Yes ☒ No		
If Yes:		
i. Species and listing: _____ _____		
q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing? ☐ Yes ☐ 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? ☐ Yes ☒ No		
If Yes, provide county plus district name/number: _____		
b. Are agricultural lands consisting of highly productive soils present? ☐ Yes ☒ No		
i. If Yes: acreage(s) on project site? _____		
ii. Source(s) of soil rating(s): _____		
c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark? ☐ Yes ☒ No		
If Yes:		
i. Nature of the natural landmark: ☐ Biological Community ☐ 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? ☐ Yes ☒ No		
If Yes:		
i. CEA name: _____		
ii. Basis for designation: _____		
iii. Designating agency and date: _____		

E.5 Future Physical Climate Risks

Will the proposed action be vulnerable to the following future physical climate risks under current or projected future conditions:

- a. Is the proposed action vulnerable to damage from a projected 100-year flood? ☐ Yes ☒ No
b. Is the proposed action vulnerable to damage from a projected 500-year flood? ☐ Yes ☒ No
c. Is the proposed action in an area potentially affected by sea level rise? ☐ Yes ☒ No

d. Will the proposed action increase the vulnerability of human or ecological communities to the following:

- i. drought? ☐ Yes ☒ No
ii. temperature extremes (hot or cold)? ☐ Yes ☒ No
iii. extreme storms, including high winds? ☐ Yes ☒ No
iv. landslides? ☐ Yes ☒ No
v. coastal erosion? ☐ Yes ☒ No
vi. stormwater flooding? ☐ Yes ☒ No
vii. other climate or weather hazards? ☐ Yes ☒ No If Yes, describe: _____

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 Faraad Rasul Date 08-27-2026

Signature  Title Project Engineer



Disclaimer: The EAF Mapper is a screening tool intended to assist project sponsors and reviewing agencies in preparing an environmental assessment form (EAF). Not all questions asked in the EAF are answered by the EAF Mapper. Additional information on any EAF question can be obtained by consulting the EAF Workbooks. Although the EAF Mapper provides the most up-to-date digital data available to DEC, you may also need to contact local or other data sources to confirm data provided by the Mapper or to obtain data not provided by the Mapper.



B.i.i [Coastal or Waterfront Area]	No
B.i.ii [Local Waterfront Revitalization Area]	No
C.2.b. [Special Planning District]	Yes - Digital mapping data are not available for all Special Planning Districts. Refer to EAF Workbook.
C.2.b. [Special Planning District - Name]	Remediation Sites:546031, NYS Heritage Areas:Mohawk Valley Heritage Corridor
E.1.h [DEC Spills or Remediation Site - Potential Contamination History]	Yes - Digital mapping data for Spills Incidents are not available for this location. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Listed]	Yes
E.1.h.i [DEC Spills or Remediation Site - Environmental Site Remediation Database]	Yes
E.1.h.i [DEC Spills or Remediation Site - DEC ID Number]	546031
E.1.h.iii [Within 2,000' of DEC Remediation Site]	Yes
E.1.h.iii [Within 2,000' of DEC Remediation Site - DEC ID]	546031
E.2.g [Unique Geologic Features]	No
E.2.h.i [Surface Water Features]	Yes - Digital mapping information on local, New York State, and federal wetlands and waterbodies is known to be incomplete. Refer to the EAF Workbook.
E.2.h.ii [Surface Water Features]	Yes - Digital mapping information on local, New York State, and federal wetlands and waterbodies is known to be incomplete. Refer to the EAF Workbook.
E.2.h.iii [Surface Water Features]	Yes - Digital mapping information on local, New York State, and federal wetlands and waterbodies is known to be incomplete. Refer to the EAF Workbook.

E.2.h.iv [Surface Water Features - Wetlands Name]	Federal Waters
E.2.h.v [Impaired Water Bodies]	No
E.2.i. [Floodway]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.2.j. [100 Year Floodplain]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.2.k. [500 Year Floodplain]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.2.l. [Aquifers]	Yes
E.2.l. [Aquifer Names]	Principal Aquifer
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]	No
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]	Yes
E.3.i. [Designated River Corridor]	No
E.4.a [Disadvantaged Community]	No