617.20
Appendix A
State Environmental Quality Review
FULL ENVIRONMENTAL ASSESSMENT FORM

Purpose: The full EAF is designed to help applicants and agencies determine, in an orderly manner, whether a project or action may be significant. The question of whether an action may be significant is not always easy to answer. Frequently, there are aspects of a project that are subjective or unmeasurable. It is also understood that those who determine significance may have little or no formal knowledge of the environment or may not be technically expert in environmental analysis. In addition, many who have knowledge in one particular area may not be aware of the broader concerns affecting the question of significance.

The full EAF is intended to provide a method whereby applicants and agencies can be assured that the determination process has been orderly, comprehensive in nature, yet flexible enough to allow introduction of information to fit a project or action.

Full EAF Components: The full EAF is comprised of three parts:

Part 1: Provides objective data and information about a given project and its site. By identifying basic project data, it assists a reviewer in the analysis that takes place in Parts 2 and 3.

Part 2: Focuses on identifying the range of possible impacts that may occur from a project or action. It provides guidance as to whether an impact is likely to be considered small to moderate or whether it is a potentially-large impact. The form also identifies whether an impact can be mitigated or reduced.

Part 3: If any impact in Part 2 is identified as potentially-large, then Part 3 is used to evaluate whether or not the impact is actually important.

THIS AREA FOR LEAD AGENCY USE ONLY

DETERMINATION OF SIGNIFICANCE -- Type 1 and Unlisted Actions

Identify the Portions of EAF completed for this project: ☐ Part 1 ☐ Part 2 ☐ Part 3

Upon review of the information recorded on this EAF (Parts 1 and 2 and 3 if appropriate), and any other supporting information, and considering both the magnitude and importance of each impact, it is reasonably determined by the lead agency that:

☐ A. The project will not result in any large and important impact(s) and, therefore, is one which **will not** have a significant impact on the environment, therefore **a negative declaration will be prepared.**

☐ B. Although the project could have a significant effect on the environment, there will not be a significant effect for this Unlisted Action because the mitigation measures described in PART 3 have been required, therefore **a CONDITIONED negative declaration will be prepared.***

☐ C. The project may result in one or more large and important impacts that may have a significant impact on the environment, therefore **a positive declaration will be prepared**.

*A Conditioned Negative Declaration is only valid for Unlisted Actions

_____
Name of Action

_____
Name of Lead Agency

_____ _____
Print or Type Name of Responsible Officer in Lead Agency | Title of Responsible Officer

_____ _____
Signature of Responsible Officer in Lead Agency | Signature of Preparer (If different from responsible officer)

website

_____
Date

PART 1--PROJECT INFORMATION
Prepared by Project Sponsor

NOTICE: This document is designed to assist in determining whether the action proposed may have a significant effect on the environment. Please complete the entire form, Parts A through E. Answers to these questions will be considered as part of the application for approval and may be subject to further verification and public review. Provide any additional information you believe will be needed to complete Parts 2 and 3.

It is expected that completion of the full EAF will be dependent on information currently available and will not involve new studies, research or investigation. If information requiring such additional work is unavailable, so indicate and specify each instance.

Name of Action Marble River Wind Farm - Project Modification

Location of Action (include Street Address, Municipality and County)

Towns of Clinton and Ellenburg, Clinton County, New York

Name of Applicant/Sponsor Marble River, LLC c/o Daniel Fitzgerald, Project Manager

Address 52 James Street, Fourth Floor

City / PO Albany State NY Zip Code 12207

Business Telephone (518) 426-1650

Name of Owner (if different)

Address

City / PO State Zip Code

Business Telephone

Description of Action:

Marble River, LLC intends to modify its proposed wind-powered electric generating Project in the Towns of Clinton and Ellenburg in Clinton County, New York. The Towns of Ellenburg and Clinton, acting as joint lead agencies conducted a comprehensive SEQRA review of the Project. On April 15, 2008 The Towns of Clinton and Ellenburg issued a Joint Statement of Findings as required by SEQRA, concluding among other things that the Project was "...one that avoids or minimizes adverse environmental impacts to the maximum extent practicable...".

The Modifications to the approved project which are the subject of this subsequent SEQRA analysis include the following:
- A reduction in the number of turbines from 109 to 74,
- An increase in the overall height of the turbine from 407 to 492 feet,
- A change in the model of turbine from a Suzlon S88 with a capacity of 2.1 megawatts (MW) to a Vestas V112 which has a capacity of 3.0 MW,
- A minor modification of the location of Turbines 91, 96S, 4A, 50, 56, and 161,
- A decrease in the length of proposed access roads,
- A decrease in the length of buried electrical collection lines and minor modifications in the routing of these lines and,
- The removal of any overhead electrical lines.

More specifically, the size of the project area has decreased from 17,000 acres to approximately 11,500 acres. As noted above, the project will now include up to 74 turbines with 58 turbines proposed in the Town of Clinton and 16 turbines proposed within the Town of Ellenburg (reduced from the former 109 turbines). A modified turbine model is proposed and will now be a Vestas V112 turbine with a generating capacity of 3.0 megawatts. Each tower will now include a 112-meter (367-foot) diameter, three bladed rotor mounted on a 94-meter (308 feet) tall steel pole tower for a total maximum height of 150 meters (492 feet).

Three 94-meter tall, self supporting (unguyed) meteorological towers will also be installed. (these were considered and approved under the prior SEQRA analysis and are not proposed to be modified and therefore need not be subject to further SEQRA review)

Other project infrastructure includes approximately 19 miles of gravel access road, and 38 miles of underground electric line. This is a reduction from the 41 miles of gravel access road and 55 miles of electric line previously proposed.

As previously proposed, the point of interconnection station, approximately 190 X 345 feet in size is proposed to be located adjacent to the New York Power Authority (NYPA) 230 kV transmission line in the Town of Clinton. Neighboring this station, Marble River, LLC proposes to construct two 34.5 kV collector stations (each approximately 187 feet X 179 feet) to accommodate the project's electrical system (as previously proposed). As no modifications are proposed regarding these previously approved components they need not be subject to further SEQRA review.

Please Complete Each Question--Indicate N.A. if not applicable

A. SITE DESCRIPTION

Physical setting of overall project, both developed and undeveloped areas.

1. Present Land Use: ☐ Urban ☐ Industrial ☐ Commercial ☐ Residential (suburban) ☑ Rural (non-farm)
   ☑ Forest ☑ Agriculture ☐ Other _____

2. Total acreage of project area: 11,500 acres.

APPROXIMATE ACREAGE	PRESENTLY	AFTER COMPLETION
Meadow or Brushland (Non-agricultural)	1,500 acres	1,492 acres
Forested	7,100 acres	7,072 acres
Agricultural (Includes orchards, cropland, pasture, etc.)	2,550 acres	2,508 acres
Wetland (Freshwater or tidal as per Articles 24,25 of ECL)	4,775 acres	4,775 acres
Water Surface Area	150 acres	150 acres
Unvegetated (Rock, earth or fill)	0 acres	0 acres
Roads, buildings and other paved surfaces	200 acres	278 acres
Other (Indicate type) _____	_____ acres	_____ acres

3. What is predominant soil type(s) on project site? _____

   a. Soil drainage: ☑ Well drained 15 % of site ☑ Moderately well drained 35 % of site.
   ☑ Poorly drained 50 % of site

   b. If any agricultural land is involved, how many acres of soil are classified within soil group 1 through 4 of the NYS Land Classification System? 2,000 acres (see 1 NYCRR 370).

4. Are there bedrock outcroppings on project site? ■ Yes ☐ No

   a. What is depth to bedrock 0-6 (in feet)

5. Approximate percentage of proposed project site with slopes:

   ☑ 0-10% 95 % ☑ 10- 15% 5 % ☑ 15% or greater <1 %

6. Is project substantially contiguous to, or contain a building, site, or district, listed on the State or National Registers of Historic Places? ■ Yes ☐ No

7. Is project substantially contiguous to a site listed on the Register of National Natural Landmarks? ☐ Yes ■ No

8. What is the depth of the water table? >3 (in feet)

9. Is site located over a primary, principal, or sole source aquifer? ☐ Yes ■ No

10. Do hunting, fishing or shell fishing opportunities presently exist in the project area? ■ Yes ☐ No

11. Does project site contain any species of plant or animal life that is identified as threatened or endangered? ☒ Yes ☐ No

According to:

Correspondence from USFWS (April 15, 2004 and Oct. 20, 2005), NYSNHP (March 9, 2004 and Nov. 30, 2005), and field observation.

Identify each species:

Field observation confirmed the presence of northern harrier, a state-listed threatened species. Correspondence from USFWS (4/15/04) indicated that hibernacula for Indiana bat (state and federally-listed endangered species) occur within 75 miles of the project site. Correspondence with the NYSNHP (3/9/04) indicated the presence of least bittern, a state-listed threatened species.

12. Are there any unique or unusual land forms on the project site? (i.e., cliffs, dunes, other geological formations?

☒ Yes ☐ No

Describe:

Sandstone pavement barrens.

13. Is the project site presently used by the community or neighborhood as an open space or recreation area?

☒ Yes ☐ No

If yes, explain:

Four streams in the area, including the English River and Marble River, are classified as trout streams by the NYSDEC and receive use by local fishermen. Although entirely private land, the area is also used for hunting and snowmobiling by local residents.

14. Does the present site include scenic views known to be important to the community? ☒ Yes ☐ No

Military Trail, a designated scenic byway, transects the project area. A designated scenic overlook is located in the Adirondack Park, approximately 0.5 mile south of the project area. Views to the St. Lawrence Valley and Montreal are available from some elevated locations.

15. Streams within or contiguous to project area:

Numerous small headwater streams occur within the project area. Named streams include the English River, Brandy Brook, Carew Brook, Hinchinbrook Brook, Dry Brook, and Marble River.

a. Name of Stream and name of River to which it is tributary

The project area is in the St. Lawrence River drainage basin. English River drains to the east along with Brandy Brook and Carew Brook, which are tributary to the Great Chazy River. Dry Brook, Marble River and Hinchinbrook Brook are tributaries to the Chateaugay River to the west.

16. Lakes, ponds, wetland areas within or contiguous to project area:

One unnamed pond, 26 NYSDEC wetlands and numerous National Wetland Inventory (NWI) wetlands (only a portion of the project area has been mapped by NWI)

b. Size (in acres):

The pond is <1 acre in size. Wetland size ranges from <1 acre to over 900 acres.

17. Is the site served by existing public utilities? ■ Yes ☐ No

a. If YES, does sufficient capacity exist to allow connection? ■ Yes ☐ No

b. If YES, will improvements be necessary to allow connection? ■ Yes ☐ No

18. Is the site located in an agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304? ■ Yes ☐ No

19. Is the site located in or substantially contiguous to a Critical Environmental Area designated pursuant to Article 8 of the ECL, and 6 NYCRR 617? ☐ Yes ■ No

20. Has the site ever been used for the disposal of solid or hazardous wastes? ☐ Yes ■ No

B. Project Description

1. Physical dimensions and scale of project (fill in dimensions as appropriate).

a. Total contiguous acreage owned or controlled by project sponsor: 11,500 acres.

b. Project acreage to be developed: 80 acres initially; 80 acres ultimately.

c. Project acreage to remain undeveloped: 11,420 acres.

d. Length of project, in miles: N/A (if appropriate)

e. If the project is an expansion, indicate percent of expansion proposed. N/A %

f. Number of off-street parking spaces existing 0 ; proposed 15

g. Maximum vehicular trips generated per hour: 5-10 (upon completion of project)?

h. If residential: Number and type of housing units:

	One Family	Two Family	Multiple Family	Condominium
Initially	N/A			
Ultimately	N/A			

i. Dimensions (in feet) of largest proposed structure: 492 height; 295 width; N/A length.

j. Linear feet of frontage along a public thoroughfare project will occupy is? N/A ft.

2. How much natural material (i.e. rock, earth, etc.) will be removed from the site? TBD tons/cubic yards.

3. Will disturbed areas be reclaimed ■ Yes ☐ No ☐ N/A

a. If yes, for what intended purpose is the site being reclaimed?

Agriculture, wildlife habitat

b. Will topsoil be stockpiled for reclamation? ■ Yes ☐ No

c. Will upper subsoil be stockpiled for reclamation? ■ Yes ☐ No

4. How many acres of vegetation (trees, shrubs, ground covers) will be removed from site? 36 acres.

5. Will any mature forest (over 100 years old) or other locally-important vegetation be removed by this project?

☐ Yes ☒ No

6. If single phase project: Anticipated period of construction: 12 months, (including demolition)

7. If multi-phased:

   a. Total number of phases anticipated N/A (number)

   b. Anticipated date of commencement phase 1: _____ month _____ year, (including demolition)

   c. Approximate completion date of final phase: _____ month _____ year.

   d. Is phase 1 functionally dependent on subsequent phases? ☐ Yes ☐ No

8. Will blasting occur during construction? ☒ Yes ☐ No

9. Number of jobs generated: during construction 250 ; after project is complete 5-10

10. Number of jobs eliminated by this project 0 .

11. Will project require relocation of any projects or facilities? ☐ Yes ☒ No

    If yes, explain:

12. Is surface liquid waste disposal involved? ☐ Yes ☒ No

    a. If yes, indicate type of waste (sewage, industrial, etc) and amount N/A

    b. Name of water body into which effluent will be discharged N/A

13. Is subsurface liquid waste disposal involved? ☒ Yes ☐ No Type O&M building septic system

14. Will surface area of an existing water body increase or decrease by proposal? ☒ Yes ☐ No

    If yes, explain:

    Minor impacts to wetlands (filling) are anticipated, but these will be offset by Project Mitigation.

15. Is project or any portion of project located in a 100 year flood plain? ☐ Yes ☒ No

16. Will the project generate solid waste? ☒ Yes ☐ No

    a. If yes, what is the amount per month? <1 tons

    b. If yes, will an existing solid waste facility be used? ☒ Yes ☐ No

    c. If yes, give name Regional landfill ; location _____

    d. Will any wastes not go into a sewage disposal system or into a sanitary landfill? ☐ Yes ☒ No

e. If yes, explain:

N/A

17. Will the project involve the disposal of solid waste? ☐ Yes ☒ No

    a. If yes, what is the anticipated rate of disposal? N/A tons/month.

    b. If yes, what is the anticipated site life? N/A years.

18. Will project use herbicides or pesticides? ☐ Yes ☒ No

19. Will project routinely produce odors (more than one hour per day)? ☐ Yes ☒ No

20. Will project produce operating noise exceeding the local ambient noise levels? ☒ Yes ☐ No

21. Will project result in an increase in energy use? ☐ Yes ☒ No

    If yes, indicate type(s)

N/A

22. If water supply is from wells, indicate pumping capacity N/A gallons/minute.

23. Total anticipated water usage per day N/A gallons/day.

24. Does project involve Local, State or Federal funding? ☒ Yes ☐ No

    If yes, explain:

Project may use Federal Production Tax Credits and may sell Environmental Attributes to NYSERDA.

25. Approvals Required:

			Type	Submittal Date
City, Town, Village Board	☒ Yes	☐ No	Clinton & Ellenburg - Wind Energy Modified Permit & SEQR	
			Ellenburg - Overlay Zone/Special Use Permit (Modified)	
City, Town, Village Planning Board	☐ Yes	☒ No		
City, Town Zoning Board	☐ Yes	☒ No		
City, County Health Department	☐ Yes	☒ No		
Other Local Agencies	☒ Yes	☐ No	Clinton Count and Local highway work permits	
Other Regional Agencies	☒ Yes	☐ No	Clinton County IDA	
State Agencies	☒ Yes	☐ No	PSC-PSL Sec. 68, NYSDEC-SPDES	
			NYSDEC-Article 24, Ag. & Mkts. - NOI	
			NYSDOT-Road Permits	
Federal Agencies	☒ Yes	☐ No	USACOE-Section 404	
			FAA Approval	

C. Zoning and Planning Information

1. Does proposed action involve a planning or zoning decision? ☒ Yes ☐ No (Ellenburg Only)

If Yes, indicate decision required:

☐ Zoning amendment ☐ Zoning variance ☐ New/revision of master plan ☐ Subdivision

☐ Site plan ☒ Special use permit ☐ Resource management plan ☒ Other

2. What is the zoning classification(s) of the site?

Rural Use (RU) and Rural Arterial (RA) in Town of Ellenburg. No zoning in Clinton

3. What is the maximum potential development of the site if developed as permitted by the present zoning?

Residential development

4. What is the proposed zoning of the site?

Same, but with addition of Wind Overlay Zone in Town of Ellenburg

5. What is the maximum potential development of the site if developed as permitted by the proposed zoning?

Same, but with addition of utility-scale Wind Energy Conversion Systems (WECS).

6. Is the proposed action consistent with the recommended uses in adopted local land use plans? ■ Yes ☐ No

Wind power development has proven compatible with rural land uses at the existing Madison and Fenner projects in Madison County. Wind power development is compatible with agriculture and has been endorsed by the New York Farm Bureau. By supplementing farmers' income, wind power projects help keep land in active agricultural use and discourage conversion to residential subdivisions and other non-agricultural uses.

7. What are the predominant land use(s) and zoning classifications within a ¼ mile radius of proposed action?

Rural Use (RU) and Rural Arterial (RA) - Ellenburg. No zoning in Clinton.
Dominant land uses include forest management (timber harvest), active agriculture and rural residential development.

8. Is the proposed action compatible with adjoining/surrounding land uses with a ¼ mile? ■ Yes ☐ No

9. If the proposed action is the subdivision of land, how many lots are proposed? N/A

   a. What is the minimum lot size proposed? N/A

10. Will proposed action require any authorization(s) for the formation of sewer or water districts? ☐ Yes ■ No

N/A

11. Will the proposed action create a demand for any community provided services (recreation, education, police, fire protection?

■ Yes ☐ No

a. If yes, is existing capacity sufficient to handle projected demand? ■ Yes ☐ No

A fire protection and emergency response plan will be developed in coordination with local fire departments and emergency service providers.

12. Will the proposed action result in the generation of traffic significantly above present levels? ■ Yes ☐ No

a. If yes, is the existing road network adequate to handle the additional traffic. ☐ Yes ■ No

During construction, additional and oversized vehicles will be present. Improvements to certain roads, intersections and bridges are likely to be required.

D. Informational Details

Attach any additional information as may be needed to clarify your project. If there are or may be any adverse impacts associated with your proposal, please discuss such impacts and the measures which you propose to mitigate or avoid them.

E. Verification

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

Applicant/Sponsor Name Marble River, LLC Date 7/30/2010

Signature _____

Title Project Manager

If the action is in the Coastal Area, and you are a state agency, complete the Coastal Assessment Form before proceeding with this assessment.

PART 2 - PROJECT IMPACTS AND THEIR MAGNITUDE

Responsibility of Lead Agency

General Information (Read Carefully)

! In completing the form the reviewer should be guided by the question: Have my responses and determinations been **reasonable?** The reviewer is not expected to be an expert environmental analyst.

! The **Examples** provided are to assist the reviewer by showing types of impacts and wherever possible the threshold of magnitude that would trigger a response in column 2. The examples are generally applicable throughout the State and for most situations. But, for any specific project or site other examples and/or lower thresholds may be appropriate for a Potential Large Impact response, thus requiring evaluation in Part 3.

! The impacts of each project, on each site, in each locality, will vary. Therefore, the examples are illustrative and have been offered as guidance. They do not constitute an exhaustive list of impacts and thresholds to answer each question.

! The number of examples per question does not indicate the importance of each question.

! In identifying impacts, consider long term, short term and cumulative effects.

Instructions (Read carefully)

a. Answer each of the 20 questions in PART 2. Answer **Yes** if there will be **any** impact.

b. **Maybe** answers should be considered as **Yes** answers.

c. If answering **Yes** to a question then check the appropriate box(column 1 or 2)to indicate the potential size of the impact. If impact threshold equals or exceeds any example provided, check column 2. If impact will occur but threshold is lower than example, check column 1.

d. Identifying that an Impact will be potentially large (column 2) does not mean that it is also necessarily **significant.** Any large impact must be evaluated in PART 3 to determine significance. Identifying an impact in column 2 simply asks that it be looked at further.

e. If reviewer has doubt about size of the impact then consider the impact as potentially large and proceed to PART 3.

f. If a potentially large impact checked in column 2 can be mitigated by change(s) in the project to a small to moderate impact, also check the **Yes** box in column 3. A **No** response indicates that such a reduction is not possible. This must be explained in Part 3.

	1 Small to Moderate Impact	2 Potential Large Impact	3 Can Impact Be Mitigated by Project Change
Impact on Land			
1. Will the Proposed Action result in a physical change to the project site? NO ☐ YES ☐			
Examples that would apply to column 2			
X Any construction on slopes of 15% or greater, (15 foot rise per 100 foot of length), or where the general slopes in the project area exceed 10%.	☐	☐	☐ Yes ☐ No
X Construction on land where the depth to the water table is less than 3 feet.	☐	☐	☐ Yes ☐ No
X Construction of paved parking area for 1,000 or more vehicles.	☐	☐	☐ Yes ☐ No
X Construction on land where bedrock is exposed or generally within 3 feet of existing ground surface.	☐	☐	☐ Yes ☐ No
X Construction that will continue for more than 1 year or involve more than one phase or stage.	☐	☐	☐ Yes ☐ No
X Excavation for mining purposes that would remove more than 1,000 tons of natural material (i.e., rock or soil) per year.	☐	☐	☐ Yes ☐ No

		1 Small to Moderate Impact	2 Potential Large Impact	3 Can Impact Be Mitigated by Project Change
X	Construction or expansion of a santary landfill.	☐	☐	☐ Yes ☐ No
X	Construction in a designated floodway.	☐	☐	☐ Yes ☐ No
X	Other impacts:	☐	☐	☐ Yes ☐ No

2. Will there be an effect to any unique or unusual land forms found on the site? (i.e., cliffs, dunes, geological formations, etc.)
☐ NO ☐ YES

X	Specific land forms:	☐	☐	☐ Yes ☐ No

Impact on Water

3. Will Proposed Action affect any water body designated as protected? (Under Articles 15, 24, 25 of the Environmental Conservation Law, ECL)
☐ NO ☐ YES

Examples that would apply to column 2

X	Developable area of site contains a protected water body.	☐	☐	☐ Yes ☐ No
X	Dredging more than 100 cubic yards of material from channel of a protected stream.	☐	☐	☐ Yes ☐ No
X	Extension of utility distribution facilities through a protected water body.	☐	☐	☐ Yes ☐ No
X	Construction in a designated freshwater or tidal wetland.	☐	☐	☐ Yes ☐ No
X	Other impacts:	☐	☐	☐ Yes ☐ No

4. Will Proposed Action affect any non-protected existing or new body of water?
☐ NO ☐ YES

Examples that would apply to column 2

X	A 10% increase or decrease in the surface area of any body of water or more than a 10 acre increase or decrease.	☐	☐	☐ Yes ☐ No
X	Construction of a body of water that exceeds 10 acres of surface area.	☐	☐	☐ Yes ☐ No
X	Other impacts:	☐	☐	☐ Yes ☐ No

		1 Small to Moderate Impact	2 Potential Large Impact	3 Can Impact Be Mitigated by Project Change
5.	Will Proposed Action affect surface or groundwater quality or quantity? ☐ NO ☐ YES			
	Examples that would apply to column 2			
X	Proposed Action will require a discharge permit.	☐	☐	☐ Yes ☐ No
X	Proposed Action requires use of a source of water that does not have approval to serve proposed (project) action.	☐	☐	☐ Yes ☐ No
X	Proposed Action requires water supply from wells with greater than 45 gallons per minute pumping capacity.	☐	☐	☐ Yes ☐ No
X	Construction or operation causing any contamination of a water supply system.	☐	☐	☐ Yes ☐ No
X	Proposed Action will adversely affect groundwater.	☐	☐	☐ Yes ☐ No
X	Liquid effluent will be conveyed off the site to facilities which presently do not exist or have inadequate capacity.	☐	☐	☐ Yes ☐ No
X	Proposed Action would use water in excess of 20,000 gallons per day.	☐	☐	☐ Yes ☐ No
X	Proposed Action will likely cause siltation or other discharge into an existing body of water to the extent that there will be an obvious visual contrast to natural conditions.	☐	☐	☐ Yes ☐ No
X	Proposed Action will require the storage of petroleum or chemical products greater than 1,100 gallons.	☐	☐	☐ Yes ☐ No
X	Proposed Action will allow residential uses in areas without water and/or sewer services.	☐	☐	☐ Yes ☐ No
X	Proposed Action locates commercial and/or industrial uses which may require new or expansion of existing waste treatment and/or storage facilities.	☐	☐	☐ Yes ☐ No
X	Other impacts:	☐	☐	☐ Yes ☐ No

	1 Small to Moderate Impact	2 Potential Large Impact	3 Can Impact Be Mitigated by Project Change

6. Will Proposed Action alter drainage flow or patterns, or surface water runoff?
☐ NO ☐ YES

Examples that would apply to column 2

X Proposed Action would change flood water flows	☐	☐	☐ Yes	☐ No
X Proposed Action may cause substantial erosion.	☐	☐	☐ Yes	☐ No
X Proposed Action is incompatible with existing drainage patterns.	☐	☐	☐ Yes	☐ No
X Proposed Action will allow development in a designated floodway.	☐	☐	☐ Yes	☐ No
X Other impacts:	☐	☐	☐ Yes	☐ No

IMPACT ON AIR

7. Will Proposed Action affect air quality?
☐ NO ☐ YES

Examples that would apply to column 2

X Proposed Action will induce 1,000 or more vehicle trips in any given hour.	☐	☐	☐ Yes	☐ No
X Proposed Action will result in the incineration of more than 1 ton of refuse per hour.	☐	☐	☐ Yes	☐ No
X Emission rate of total contaminants will exceed 5 lbs. per hour or a heat source producing more than 10 million BTU's per hour.	☐	☐	☐ Yes	☐ No
X Proposed Action will allow an increase in the amount of land committed to industrial use.	☐	☐	☐ Yes	☐ No
X Proposed Action will allow an increase in the density of industrial development within existing industrial areas.	☐	☐	☐ Yes	☐ No
X Other impacts:	☐	☐	☐ Yes	☐ No

IMPACT ON PLANTS AND ANIMALS

8. Will Proposed Action affect any threatened or endangered species?
☐ NO ☐ YES

Examples that would apply to column 2

X Reduction of one or more species listed on the New York or Federal list, using the site, over or near the site, or found on the site.	☐	☐	☐ Yes	☐ No

		1 Small to Moderate Impact	2 Potential Large Impact	3 Can Impact Be Mitigated by Project Change
X	Removal of any portion of a critical or significant wildlife habitat.	☐	☐	☐ Yes ☐ No
X	Application of pesticide or herbicide more than twice a year, other than for agricultural purposes.	☐	☐	☐ Yes ☐ No
X	Other impacts:	☐	☐	☐ Yes ☐ No

9. Will Proposed Action substantially affect non-threatened or non-endangered species?
☐ NO ☐ YES

Examples that would apply to column 2

X	Proposed Action would substantially interfere with any resident or migratory fish, shellfish or wildlife species.	☐	☐	☐ Yes ☐ No
X	Proposed Action requires the removal of more than 10 acres of mature forest (over 100 years of age) or other locally important vegetation.	☐	☐	☐ Yes ☐ No
X	Other impacts:	☐	☐	☐ Yes ☐ No

IMPACT ON AGRICULTURAL LAND RESOURCES

10. Will Proposed Action affect agricultural land resources?
☐ NO ☐ YES

Examples that would apply to column 2

X	The Proposed Action would sever, cross or limit access to agricultural land (includes cropland, hayfields, pasture, vineyard, orchard, etc.)	☐	☐	☐ Yes ☐ No
X	Construction activity would excavate or compact the soil profile of agricultural land.	☐	☐	☐ Yes ☐ No
X	The Proposed Action would irreversibly convert more than 10 acres of agricultural land or, if located in an Agricultural District, more than 2.5 acres of agricultural land.	☐	☐	☐ Yes ☐ No

		1 Small to Moderate Impact	2 Potential Large Impact	3 Can Impact Be Mitigated by Project Change
X	The Proposed Action would disrupt or prevent installation of agricultural land management systems (e.g., subsurface drain lines, outlet ditches, strip cropping); or create a need for such measures (e.g. cause a farm field to drain poorly due to increased runoff).	☐	☐	☐ Yes ☐ No
X	Other impacts:	☐	☐	☐ Yes ☐ No

IMPACT ON AESTHETIC RESOURCES

11. Will Proposed Action affect aesthetic resources? (If necessary, use the Visual EAF Addendum in Section 617.20, Appendix B.)
☐ NO ☐ YES

	Examples that would apply to column 2			
X	Proposed land uses, or project components obviously different from or in sharp contrast to current surrounding land use patterns, whether man-made or natural.	☐	☐	☐ Yes ☐ No
X	Proposed land uses, or project components visible to users of aesthetic resources which will eliminate or significantly reduce their enjoyment of the aesthetic qualities of that resource.	☐	☐	☐ Yes ☐ No
X	Project components that will result in the elimination or significant screening of scenic views known to be important to the area.	☐	☐	☐ Yes ☐ No
X	Other impacts:	☐	☐	☐ Yes ☐ No

IMPACT ON HISTORIC AND ARCHAEOLOGICAL RESOURCES

12. Will Proposed Action impact any site or structure of historic, prehistoric or paleontological importance?
☐ NO ☐ YES

	Examples that would apply to column 2			
X	Proposed Action occurring wholly or partially within or substantially contiguous to any facility or site listed on the State or National Register of historic places.	☐	☐	☐ Yes ☐ No
X	Any impact to an archaeological site or fossil bed located within the project site.	☐	☐	☐ Yes ☐ No
X	Proposed Action will occur in an area designated as sensitive for archaeological sites on the NYS Site Inventory.	☐	☐	☐ Yes ☐ No

		1 Small to Moderate Impact	2 Potential Large Impact	3 Can Impact Be Mitigated by Project Change
X	Other impacts:	☐	☐	☐ Yes ☐ No

IMPACT ON OPEN SPACE AND RECREATION

13. Will proposed Action affect the quantity or quality of existing or future open spaces or recreational opportunities?
☐ NO ☐ YES

Examples that would apply to column 2

X	The permanent foreclosure of a future recreational opportunity.	☐	☐	☐ Yes ☐ No
X	A major reduction of an open space important to the community.	☐	☐	☐ Yes ☐ No
X	Other impacts:	☐	☐	☐ Yes ☐ No

IMPACT ON CRITICAL ENVIRONMENTAL AREAS

14. Will Proposed Action impact the exceptional or unique characteristics of a critical environmental area (CEA) established pursuant to subdivision 6NYCRR 617.14(g)?
☐ NO ☐ YES

List the environmental characteristics that caused the designation of the CEA.

Examples that would apply to column 2

X	Proposed Action to locate within the CEA?	☐	☐	☐ Yes ☐ No
X	Proposed Action will result in a reduction in the quantity of the resource?	☐	☐	☐ Yes ☐ No
X	Proposed Action will result in a reduction in the quality of the resource?	☐	☐	☐ Yes ☐ No
X	Proposed Action will impact the use, function or enjoyment of the resource?	☐	☐	☐ Yes ☐ No
X	Other impacts:	☐	☐	☐ Yes ☐ No

	1 Small to Moderate Impact	2 Potential Large Impact	3 Can Impact Be Mitigated by Project Change

IMPACT ON TRANSPORTATION

15. Will there be an effect to existing transportation systems?
☐ NO ☐ YES

Examples that would apply to column 2

X	Alteration of present patterns of movement of people and/or goods.	☐	☐	☐ Yes ☐ No
X	Proposed Action will result in major traffic problems.	☐	☐	☐ Yes ☐ No
X	Other impacts:	☐	☐	☐ Yes ☐ No

IMPACT ON ENERGY

16. Will Proposed Action affect the community's sources of fuel or energy supply?

☐ NO ☐ YES

Examples that would apply to column 2

X	Proposed Action will cause a greater than 5% increase in the use of any form of energy in the municipality.	☐	☐	☐ Yes ☐ No
X	Proposed Action will require the creation or extension of an energy transmission or supply system to serve more than 50 single or two family residences or to serve a major commercial or industrial use.	☐	☐	☐ Yes ☐ No
X	Other impacts:	☐	☐	☐ Yes ☐ No

NOISE AND ODOR IMPACT

17. Will there be objectionable odors, noise, or vibration as a result of the Proposed Action?

☐ NO ☐ YES

Examples that would apply to column 2

X	Blasting within 1,500 feet of a hospital, school or other sensitive facility.	☐	☐	☐ Yes ☐ No
X	Odors will occur routinely (more than one hour per day).	☐	☐	☐ Yes ☐ No
X	Proposed Action will produce operating noise exceeding the local ambient noise levels for noise outside of structures.	☐	☐	☐ Yes ☐ No
X	Proposed Action will remove natural barriers that would act as a noise screen.	☐	☐	☐ Yes ☐ No
X	Other impacts:	☐	☐	☐ Yes ☐ No

	1 Small to Moderate Impact	2 Potential Large Impact	3 Can Impact Be Mitigated by Project Change

IMPACT ON PUBLIC HEALTH

18. Will Proposed Action affect public health and safety?
☐ NO ☐ YES

X	Proposed Action may cause a risk of explosion or release of hazardous substances (i.e. oil, pesticides, chemicals, radiation, etc.) in the event of accident or upset conditions, or there may be a chronic low level discharge or emission.	☐	☐	☐ Yes ☐ No
X	Proposed Action may result in the burial of "hazardous wastes" in any form (i.e. toxic, poisonous, highly reactive, radioactive, irritating, infectious, etc.)	☐	☐	☐ Yes ☐ No
X	Storage facilities for one million or more gallons of liquefied natural gas or other flammable liquids.	☐	☐	☐ Yes ☐ No
X	Proposed Action may result in the excavation or other disturbance within 2,000 feet of a site used for the disposal of solid or hazardous waste.	☐	☐	☐ Yes ☐ No
X	Other impacts:	☐	☐	☐ Yes ☐ No

IMPACT ON GROWTH AND CHARACTER OF COMMUNITY OR NEIGHBORHOOD

19. Will Proposed Action affect the character of the existing community?
☐ NO ☐ YES

Examples that would apply to column 2

X	The permanent population of the city, town or village in which the project is located is likely to grow by more than 5%.	☐	☐	☐ Yes ☐ No
X	The municipal budget for capital expenditures or operating services will increase by more than 5% per year as a result of this project.	☐	☐	☐ Yes ☐ No
X	Proposed Action will conflict with officially adopted plans or goals.	☐	☐	☐ Yes ☐ No
X	Proposed Action will cause a change in the density of land use.	☐	☐	☐ Yes ☐ No
X	Proposed Action will replace or eliminate existing facilities, structures or areas of historic importance to the community.	☐	☐	☐ Yes ☐ No
X	Development will create a demand for additional community services (e.g. schools, police and fire, etc.)	☐	☐	☐ Yes ☐ No

		1 Small to Moderate Impact	2 Potential Large Impact	3 Can Impact Be Mitigated by Project Change
X	Proposed Action will set an important precedent for future projects.	☐	☐	☐ Yes ☐ No
X	Proposed Action will create or eliminate employment.	☐	☐	☐ Yes ☐ No
X	Other impacts:	☐	☐	☐ Yes ☐ No

20. Is there, or is there likely to be, public controversy related to potential adverse environment impacts?
☐ NO ☐ YES

If Any Action in Part 2 Is Identified as a Potential Large Impact or If you Cannot Determine the Magnitude of Impact, Proceed to Part 3

Part 3 - EVALUATION OF THE IMPORTANCE OF IMPACTS

Responsibility of Lead Agency

Part 3 must be prepared if one or more impact(s) is considered to be potentially large, even if the impact(s) may be mitigated.

Instructions (If you need more space, attach additional sheets)

Discuss the following for each impact identified in Column 2 of Part 2:

1. Briefly describe the impact.
2. Describe (if applicable) how the impact could be mitigated or reduced to a small to moderate impact by project change(s).
3. Based on the information available, decide if it is reasonable to conclude that this impact is **important.**

   To answer the question of importance, consider:

   - The probability of the impact occurring
   - The duration of the impact
   - Its irreversibility, including permanently lost resources of value
   - Whether the impact can or will be controlled
   - The regional consequence of the impact
   - Its potential divergence from local needs and goals
   - Whether known objections to the project relate to this impact.

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