

## **EXHIBIT – 7.0**

# **Long Environmental Assessment Form Town of Dover**

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.

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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

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Name of Action

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Name of Lead Agency

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Print or Type Name of Responsible Officer in Lead Agency

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Title of Responsible Officer

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Signature of Responsible Officer in Lead Agency

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Signature of Preparer (If different from responsible officer)

## 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 Cricket Valley Energy

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

2241 NY Route 22, Dover, Dutchess County

Name of Applicant/Sponsor Cricket Valley Energy Center, LLC

Address c/o Advanced Power Services (NA) Inc., 31 Milk Street, Suite 1001

City / PO Boston

State MA

Zip Code 02109

Business Telephone 617-456-2214 (Robert De Meyere)

Name of Owner (if different) Howlands Lake Partners, LLC

Address P.O. Box 285

City / PO Mount Kisco

State NY

Zip Code 10549

Business Telephone 212-666-2144 (Jonathan Schachter)

Description of Action:

Cricket Valley Energy, LLC, a non-franchised public utility, proposes to construct and operate an approximately 1,000 MW electric generating facility on an approximately 131-acre site in Dover. Approximately 30 acres of the total site, located within an area currently occupied by vacant industrial buildings, will be developed. The site is generally bounded by State Route 22 to the east; an existing 345 kV electric transmission line and natural gas pipeline to the north (where project interconnections will be made); the Swamp River to the west; and existing industrial properties to the south. An existing Metro-North commuter rail extends to the west of the proposed development footprint in a north-south direction.

Three separate F-class technology combustion turbines, heat recovery steam generators, and steam turbines will be utilized in combined cycle mode; the stacks will be approximately 290 feet tall. Clean-burning natural gas from the adjacent Iroquois pipeline will be the sole fuel for the combustion turbines. The project will use air-cooled steam condensers to minimize water demand. Process water supply is planned from new onsite bedrock wells. A zero liquid discharge process will internally recycle/reuse water; no process wastewater discharge is proposed. Sanitary discharge will be via an on-site septic system, and stormwater flows will be discharged using an on-site detention basin and other best management practices to maintain peak rates of discharge and minimize the potential for erosion and sedimentation.

The project provides an opportunity for productive reuse of a vacant industrial parcel in a manner without significant impact to the community or the environment. Benefits to the region, in addition to the electricity that will be contributed to the regional grid, include employment and contributions to the tax base. Construction is planned to begin in late 2011 and commercial operation is planned to begin in late 2014.

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 Wetlands, Swamp River

2. Total acreage of project area: 131.6 acres.

APPROXIMATE ACREAGE	PRESENTLY	AFTER COMPLETION
Meadow or Brushland (Non-agricultural)	<u>8</u> acres	<u>11.1</u> acres
Forested	<u>31</u> acres	<u>24.2</u> acres
Agricultural (Includes orchards, cropland, pasture, etc.)	<u>0</u> acres	<u>0</u> acres
Wetland (Freshwater or tidal as per Articles 24,25 of ECL)	<u>68.6</u> acres	<u>68.5</u> acres
Non-state jurisdictional wetland	<u>2.4</u> acres	<u>1.8</u> acres
Water Surface Area	<u>3.8</u> acres	<u>3.8</u> acres
Unvegetated (Rock, earth or fill)	<u>10.4</u> acres	<u>11.2</u> acres
Roads, buildings and other paved surfaces	<u>7.4</u> acres	<u>11</u> acres
Other (Indicate type) _____	_____ acres	_____ acres

(The predominant soil type in the primary development area is Galway-Framingham-Urban land complex, undulating, rocky.)

3. What is predominant soil type(s) on project site? Carlisle muck
- a. Soil drainage:  Well drained 30 % of site  Moderately well drained 20 % 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? N/A acres (see 1 NYCRR 370).
4. Are there bedrock outcroppings on project site?  Yes  No
- a. What is depth to bedrock 0 - 6.5 (in feet)
5. Approximate percentage of proposed project site with slopes:  
 0-10% 93 %  10- 15% 5 %  15% or greater 2 %
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? 5 - 12.5 (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 with NYSDEC Natural Heritage Program (6/19/09) and the United States Fish and Wildlife Service (7/20/09 and 9/21/09).

Identify each species:

Studies demonstrated no suitable on-site habitat for bog turtles or timber rattlesnake. Given the possibility that Indiana bats could utilize forested areas, seasonal restrictions on clearing will be incorporated where appropriate.

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

Yes  No

Describe:

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

Yes  No

If yes, explain:

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

The current site includes stacks and other structures that are visible from some surrounding areas.

15. Streams within or contiguous to project area:

The Swamp River and its tributary Burton Brook, as well as other associated unnamed tributaries, are located generally along the western boundary. No other on-site streams have been noted.

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

Swamp River is a northerly drainage to the Ten Mile River.

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

No lakes or ponds are within or contiguous to the project area. NYSDEC-mapped Class I Wetland (DP22), located west of the railroad tracks, has been extended to include additional area east of the railroad tracks. Additional non-state jurisdictional wetland areas are located on the site.

b. Size (in acres):

The NYSDEC Class I Wetland (DP22), as expanded, represents approximately 60 acres within the site boundary west of the railroad tracks. An additional 8.7 acres of NYSDEC wetland was added east of the railroad. Two small (1.7 and 0.6 acres) non-state jurisdictional wetlands also exist on-site east of the railroad tracks.

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 The site is located within the Mica Products (inactive landfill) Critical Environmental Area (CEA); the project will benefit the community and the Great Swamp CEA, also on the property, by addressing extant contamination resulting from industrial activities on the site from the early 1930s to the mid 1990s.
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: 131.6 acres.
- b. Project acreage to be developed: 30 acres initially; 30 acres ultimately.
- c. Project acreage to remain undeveloped: 101.6 acres.
- d. Length of project, in miles: \_\_\_\_\_ (if appropriate) The electrical interconnection will occur on-site, and an approximately 500-foot natural gas lateral line will be required to interconnect with the existing natural gas pipeline.
- e. If the project is an expansion, indicate percent of expansion proposed. N/A %
- f. Number of off-street parking spaces existing 0 ; proposed 38
- g. Maximum vehicular trips generated per hour: 30 (upon completion of project)? Expected to occur twice per day, during commuter hours.
- h. If residential: Number and type of housing units:
- |            | One Family | Two Family | Multiple Family | Condominium |
|------------|------------|------------|-----------------|-------------|
| Initially  | <u>N/A</u> | _____      | _____           | _____       |
| Ultimately | _____      | _____      | _____           | _____       |
- i. Dimensions (in feet) of largest proposed structure: 65 height; 94 width; 663 length. The tallest structures will be the three stacks, anticipated to be approximately 290 feet tall.
- j. Linear feet of frontage along a public thoroughfare project will occupy is? 1,250 ft.
2. How much natural material (i.e. rock, earth, etc.) will be removed from the site? 0 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?
- Previously developed and disturbed areas will be reclaimed for project development features and surrounding property will have debris removed and former use materials remediated, as appropriate.
- 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? 6.8 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: 36 months, (including demolition)

7. If multi-phased: N/A

a. Total number of phases anticipated \_\_\_\_\_ (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 150-750 ; after project is complete 25-30 The high end of the construction job range reflects peak construction, anticipated to occur for approximately 5 months.

10. Number of jobs eliminated by this project 0 .

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

If yes, explain:

Some vacant industrial structures will be removed, but no relocation of active projects or operations will result.

12. Is surface liquid waste disposal involved?  Yes  No The project will be designed for zero liquid discharge, with surface discharge limited to stormwater only.

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 Sanitary sewage

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

If yes, explain:

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? 17.58 tons

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

c. If yes, give name Not yet known. + ; location Not yet known. +

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

e. If yes, explain:

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

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

b. If yes, what is the anticipated site life? \_\_\_\_\_ 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)

The purpose of the project is to generate and provide approximately 1,000 megawatts of electricity to meet regional energy needs. Internal energy demand will be met predominantly through internal electric generation.

22. If water supply is from wells, indicate pumping capacity 50-100 gallons/minute.

23. Total anticipated water usage per day  $\frac{12,000 \text{ to}}{85,000}$  gallons/day.

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

If yes, explain:

25. Approvals Required:

			Type	Submittal Date
City, Town, Village Board	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<u>Special Permit/Site Plan Approval</u>	<u>10/9/09</u>
			<u>Fire Prevention Permits</u>	<u>Pending</u>
			<u>Use of Explosives</u>	<u>Pending</u>
City, Town, Village Planning Board	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<u>Erosion/Sediment Control</u>	<u>Pending</u>
			<u> </u>	<u> </u>
			<u> </u>	<u> </u>
City, Town Zoning Board	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<u>Zoning Variances (Height, Noise)</u>	<u>Pending</u>
			<u> </u>	<u> </u>
			<u> </u>	<u> </u>
City, County Health Department	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Abandonment of Water Well, if applicable	<u>Water Well Construction</u>	<u>Pending</u>
			<u>Sewage System Approval</u>	<u>Pending</u>
			<u> </u>	<u> </u>
Other Local Agencies	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<u>Architectural Review Board (Design Review)</u>	<u>Pending</u>
			<u>Building Inspector (Building/Occupancy Permits)</u>	<u>Pending</u>
			<u> </u>	<u> </u>
Other Regional Agencies	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<u>County Planning Board (Site Plan Review)</u>	<u>Pending</u>
			<u> </u>	<u> </u>
			<u> </u>	<u> </u>
State Agencies	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Additional State Permits: Clean Water Act Section 401 WQC; SPDES Stormwater Permits - construction and operation; oil and chemical storage authorization; Natural Heritage and Endangered Species program consultation; National Historic Preservation Act Section 106 consultation; notification for large asbestos removal (if applicable); highway work permit for non-utility work	<u>Part 201 Air Quality Permit</u>	<u>Pending</u>
			<u>Title V Operating Permit</u>	<u>Pending</u>
			<u>Freshwater Wetlands Permit</u>	<u>Pending</u>
Federal Agencies	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Additional Federal Permits: Endangered Species Act Section 7 Consultations; Notice of Proposed Construction or Alteration (FAA); Notification to Close Underground Storage Tank	<u>PSD Permit</u>	<u>Pending</u>
			<u>Section 404 Wetlands</u>	<u>Pending</u>
			<u> </u>	<u> </u>

C. Zoning and Planning Information

1. Does proposed action involve a planning or zoning decision?  Yes     No

If Yes, indicate decision required:

- |   |  |  |                                      |
|---|--|--|--------------------------------------|
| <input type="checkbox"/> Zoning amendment     | <input checked="" type="checkbox"/> Zoning variance    | <input type="checkbox"/> New/revision of master plan | <input type="checkbox"/> Subdivision |
| <input checked="" type="checkbox"/> Site plan | <input checked="" type="checkbox"/> Special use permit | <input type="checkbox"/> Resource management plan    | <input type="checkbox"/> Other       |

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

Industrial/Manufacturing Uses

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

The site is zoned to allow a wide range of industrial and manufacturing uses.

4. What is the proposed zoning of the site?

No zoning changes are planned.

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

The site is zoned to allow a wide range of industrial and manufacturing uses.

6. Is the proposed action consistent with the recommended uses in adopted local land use plans?

Yes

No

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

Industrial  
Commercial  
Forest  
Wetlands  
Swamp River  
Rural (non-farm)  
Residential  
Agricultural

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? \_\_\_\_\_

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

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

Yes

No

It is anticipated that police services would be required during construction, but not during routine operation.

a. If yes, is existing capacity sufficient to handle projected demand?

Yes

No

During construction, manual police control is anticipated to minimize impact associated with peak arrivals and departures, and acceleration/deceleration lanes will be proposed at the site entrance.

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

Operational traffic volumes will be minimal.

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 Cricket Valley Energy Center, LLC Date \_\_\_\_\_

Signature \_\_\_\_\_

Title \_\_\_\_\_

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	2	3
Small to Moderate Impact	Potential Large Impact	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

- |  |                          |                          |                              |                             |
|--|--------------------------|--------------------------|------------------------------|-----------------------------|
| • 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%. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Construction on land where the depth to the water table is less than 3 feet.   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Construction of paved parking area for 1,000 or more vehicles.   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Construction on land where bedrock is exposed or generally within 3 feet of existing ground surface.   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Construction that will continue for more than 1 year or involve more than one phase or stage.  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Excavation for mining purposes that would remove more than 1,000 tons of natural material (i.e., rock or soil) per year.                         | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

	1 Small to Moderate Impact	2 Potential Large Impact	3 Can Impact Be Mitigated by Project Change
• Construction or expansion of a sanitary landfill.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Construction in a designated floodway.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Other impacts:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> 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

• Specific land forms:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> 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

• Developable area of site contains a protected water body.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Dredging more than 100 cubic yards of material from channel of a protected stream.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Extension of utility distribution facilities through a protected water body.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Construction in a designated freshwater or tidal wetland.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Other impacts:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No

4. Will Proposed Action affect any non-protected existing or new body of water?

NO  YES

**Examples** that would apply to column 2

• A 10% increase or decrease in the surface area of any body of water or more than a 10 acre increase or decrease.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Construction of a body of water that exceeds 10 acres of surface area.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Other impacts:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No



1	2	3
Small to Moderate Impact	Potential Large Impact	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

- |  |                          |                          |                              |                             |
|--|--------------------------|--------------------------|------------------------------|-----------------------------|
| • Proposed Action would change flood water flows                   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Proposed Action may cause substantial erosion.                   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Proposed Action is incompatible with existing drainage patterns. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Proposed Action will allow development in a designated floodway. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Other impacts:   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

**IMPACT ON AIR**

7. Will Proposed Action affect air quality?

NO       YES

Note 1: Air dispersion modeling using USEPA's most recently approved AERMOD model to demonstrate that predicted ambient air concentrations meet regulatory criteria.

**Examples** that would apply to column 2

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

- |   |                          |                          |                              |                             |
|---|--------------------------|--------------------------|------------------------------|-----------------------------|
| • 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. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
|---|--------------------------|--------------------------|------------------------------|-----------------------------|

	1 Small to Moderate Impact	2 Potential Large Impact	3 Can Impact Be Mitigated by Project Change
• Removal of any portion of a critical or significant wildlife habitat.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Application of pesticide or herbicide more than twice a year, other than for agricultural purposes.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Other impacts:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No

9. Will Proposed Action substantially affect non-threatened or non-endangered species?

NO  YES

**Examples** that would apply to column 2

• Proposed Action would substantially interfere with any resident or migratory fish, shellfish or wildlife species.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Proposed Action requires the removal of more than 10 acres of mature forest (over 100 years of age) or other locally important vegetation.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Other impacts:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No

**IMPACT ON AGRICULTURAL LAND RESOURCES**

10. Will Proposed Action affect agricultural land resources?

NO  YES

**Examples** that would apply to column 2

• The Proposed Action would sever, cross or limit access to agricultural land (includes cropland, hayfields, pasture, vineyard, orchard, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Construction activity would excavate or compact the soil profile of agricultural land.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• 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.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No

	1 Small to Moderate Impact	2 Potential Large Impact	3 Can Impact Be Mitigated by Project Change
• 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).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Other impacts:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> 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

• Proposed land uses, or project components obviously different from or in sharp contrast to current surrounding land use patterns, whether man-made or natural.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• 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.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Project components that will result in the elimination or significant screening of scenic views known to be important to the area.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Other impacts:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> 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

• 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.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Any impact to an archaeological site or fossil bed located within the project site.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Proposed Action will occur in an area designated as sensitive for archaeological sites on the NYS Site Inventory.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No

	1 Small to Moderate Impact	2 Potential Large Impact	3 Can Impact Be Mitigated by Project Change
• Other impacts:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> 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

- |   |                          |                          |                              |                             |
|---|--------------------------|--------------------------|------------------------------|-----------------------------|
| • The permanent foreclosure of a future recreational opportunity. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • A major reduction of an open space important to the community.  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Other impacts:  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> 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

- |   |                          |                          |                              |                             |
|---|--------------------------|--------------------------|------------------------------|-----------------------------|
| • Proposed Action to locate within the CEA?                                   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Proposed Action will result in a reduction in the quantity of the resource? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Proposed Action will result in a reduction in the quality of the resource?  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Proposed Action will impact the use, function or enjoyment of the resource? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Other impacts:  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

1	2	3
Small to Moderate Impact	Potential Large Impact	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

- |  |                          |                          |                              |                             |
|--|--------------------------|--------------------------|------------------------------|-----------------------------|
| • Alteration of present patterns of movement of people and/or goods. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Proposed Action will result in major traffic problems.             | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Other impacts:   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> 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

- |   |                          |                          |                              |                             |
|---|--------------------------|--------------------------|------------------------------|-----------------------------|
| • Proposed Action will cause a greater than 5% increase in the use of any form of energy in the municipality.   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • 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. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Other impacts:  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> 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

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



	1 Small to Moderate Impact	2 Potential Large Impact	3 Can Impact Be Mitigated by Project Change
• Proposed Action will set an important precedent for future projects.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Proposed Action will create or eliminate employment.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Other impacts:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> 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.

**617.20**  
**Appendix B**  
**State Environmental Quality Review**  
**VISUAL EAF ADDENDUM**

This form may be used to provide additional information relating to Question 11 of Part 2 of the Full EAF.

(To be completed by Lead Agency)

Visibility		Distance Between Project and Resource (in Miles)				
		0- ¼	¼- ½	½- 3	3- 5	5+
1.	Would the project be visible from:					
!	<i>A parcel of land which is dedicated to and available to the public for the use, enjoyment and appreciation of natural or man-made scenic qualities?</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
!	<i>An overlook or parcel of land dedicated to public observation, enjoyment and appreciation of natural or man-made scenic qualities?</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
!	<i>A site or structure listed on the National or State Registers of Historic Places?</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
!	<i>State Parks?</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
!	<i>The State Forest Preserve?</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
!	<i>National Wildlife Refuges and State Game Refuges?</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
!	<i>National Natural Landmarks and other outstanding natural features?</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
!	<i>National Park Service lands?</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
!	<i>Rivers designated as National or State Wild, Scenic or Recreational?</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
!	<i>Any transportation corridor of high exposure, such as part of the Interstate System, or Amtrak?</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
!	<i>A governmentally established or designated interstate or inter-county foot trail, or one formally proposed for establishment or designation?</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
!	<i>A site, area, lake, reservoir or highway designated as scenic?</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
!	<i>Municipal park, or designated open space?</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
!	<i>County road?</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
!	<i>State road?</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
!	<i>Local road?</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	<i>Is the visibility of the project seasonal? (i.e., screened by summer foliage, but visible during other seasons)</i>					
	<input type="checkbox"/> Yes <input type="checkbox"/> No					
3.	<i>Are any of the resources checked in question 1 used by the public during the time of year during which the project will be visible?</i>					
	<input type="checkbox"/> Yes <input type="checkbox"/> No					

**DESCRIPTION OF EXISTING VISUAL ENVIRONMENT**

4. From each item checked in question 1, check those which generally describe the surrounding environment.

	<b>*1/4 mile</b>	<b>Within</b>	
		<b>*1 mile</b>	
Essentially undeveloped	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Forested	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Agricultural	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Suburban Residential	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Industrial	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Commerical	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Urban	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
River, Lake, Pond	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cliffs, Overlooks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Designated Open Space	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Flat	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hilly	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mountainous	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**NOTE:** add attachments as needed

5. Are there visually similar projects within:

\*1/2 mile  Yes  No    1 mile  Yes  No    2 miles  Yes  No    3 miles  Yes  No

\*Distance from project site is provided for assistance. Substitute other distances as appropriate.

**EXPOSURE**

6. The annual number of viewers likely to observe the proposed project is \_\_\_\_\_?

**NOTE:** When user data is unavailable or unknown, use best estimate.

**CONTEXT**

7. The situation or activity in which the viewers are engaged while viewing the proposed action is:

**FREQUENCY**

<b>Activity</b>	<b>Daily</b>	<b>Weekly</b>	<b>Holidays/ Weekends</b>	<b>Seasonally</b>
Travel to and from work	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Involved in recreational activities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Routine travel by residents	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
At a residence	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
At worksite	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Reset**