

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

ROUNDHOUSE RENEWABLE ENERGY PROJECT

Name of Action

PLANNING COMMISSION, CITY OF ONEONTA

Name of Lead Agency

ROBERT ROBERTSON

CHAIR

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)

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 ROUNDHOUSE RENEWABLE ENERGY PROJECT

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

Lot Nos. 17, 18, 11, 10, 9 and 8 of Oneonta River Corp. property, City of Oneonta, Otsego County, New York

Name of Applicant/Sponsor CRC DEVELOPMENT, LLC

Address 2602 McKinney Avenue, Suite 200

City / PO Dallas State Texas Zip Code 75204

Business Telephone 214-880-3400

Name of Owner (if different) --SAME--

Address _____

City / PO _____ State _____ Zip Code _____

Business Telephone _____

Description of Action:

The project is a renewable energy power project, generating electricity from regionally-available biomass. Located on undeveloped former railroad maintenance property in the City of Oneonta, Otsego County, the project will include a stoker-fired boiler system with advanced emission controls, including an advanced nitrogen oxide (NOx) and carbon monoxide (CO) reduction system, high-efficiency electrostatic precipitator, advanced water treatment system with waste water recycling.

The proposed facility will consist of the following major components: a stoker boiler, a steam turbine generator, a cooling tower and an electrical switchyard. The facility will create a nominal 31 net megawatts (MW) of electrical energy. Its fuel yard will include a truck scale and two truck dumpers, a fuel stacker, two automated reclaimers and feed belts. An existing electrical interconnect, upgraded, will transmit power to a distribution substation located on River St. Service.

The facility will operate in a condensing steam cycle. Biomass material (wood components) will be fired in the boiler and heat from the gases will be transferred to the water/steam tubes inside the boiler. Water will be boiled to produce steam and then superheated for use in the steam turbine. The facility will be constructed with an extraction steam turbine, enabling the facility to sell steam ("cogeneration") to nearby users if it is economic to do so.

The site is located on ~60-acre parcel; the proposed facility and associated wood yard will occupy approximately 15 acres within the proposed site, with the powerhouse building and appurtenant structures occupying 3 acres and the fuel yard, fuel-receiving area, road and parking areas occupying 12 acres. Property use abutting the site is predominantly medium-density industrial and commercial.

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 presently fallow, formerly industrial

Please see Attachment A for a more detailed description.

disturbed, portions overgrown
Brownfield site

2. Total acreage of project area: ~60 acres.

APPROXIMATE ACREAGE	PRESENTLY	AFTER COMPLETION
Meadow or Brushland (Non-agricultural)	<u>0</u> acres	<u>0</u> acres
Forested	<u>0</u> acres	<u>0</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>~30</u> acres	<u>~30</u> acres
Water Surface Area	<u>0</u> acres	<u>0</u> acres
Unvegetated (Rock, earth or fill)	<u>0</u> acres	<u>0</u> acres
Roads, buildings and other paved surfaces	<u>0</u> acres	<u>0</u> acres
Other (Indicate type) <u>disturbed land (earthen or overgrown)</u>	<u>~30</u> acres	<u>~30</u> acres

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

- a. Soil drainage: Well drained ~50 % of site Moderately well drained % of site.
 Poorly drained ~50 % of site

Please see Attachment A for soil types.

- 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? 0 acres (see 1 NYCRR 370).

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

- a. What is depth to bedrock >100 ft. (in feet)

5. Approximate percentage of proposed project site with slopes:

0-10% 100 % 10- 15% % 15% or greater %

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? ~10 ft. (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:

A letter dated January 24, 2006 from a NYS Dept. of Environmental Conservation Region 4 Environmental Analyst is included in Attachment A.

Identify each species:

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

Please see Attachment A for mitigation and public safety measures.

If yes, explain:

The property is a former industrial site, and no authorized or organized community recreational opportunities exist on it. Occasional dog-walkers or other visitors are unauthorized and will be restricted from the Project area for safety reasons by installed fencing.

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

15. Streams within or contiguous to project area:

A small drainage feature installed by the railroad more than seventy years ago is associated with wetlands on the northern portion of the property.

Please see Attachment A.

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

The drainage feature flows west across the northern portion of the property and joins northward-flowing drainage along the southwestern property boundary. The combined discharge flows west and empties into to an unnamed pond southwest of Lutz Feed. This pond drains through a series of culverts ultimately into the Susquehanna River.

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

There are wetlands (NYSDEC designation ON-7) on the northern portion of the property. All proposed development will be outside the 100-foot buffer zone for the wetland.

b. Size (in acres):

According to a wetland survey performed in 1995, the wetland ON-7 has a total area of 19.42 acres. Of this, 18.98 acres are on the subject property. The remainder of the ~30 acres are federal wetlands.

17. Is the site served by existing public utilities? Yes No See Attachment A regarding required utility improvements.
- 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 Please see Attachment A regarding solid and/or hazardous waste issues.

1. Physical dimensions and scale of project (fill in dimensions as appropriate).
- a. Total contiguous acreage owned or controlled by project sponsor: ~60 acres.
- b. Project acreage to be developed: ~15 acres initially; ~15 acres ultimately.
- c. Project acreage to remain undeveloped: ~45 acres.
- d. Length of project, in miles: <1/2 (if appropriate)
- e. If the project is an expansion, indicate percent of expansion proposed. NA %
- f. Number of off-street parking spaces existing 0; proposed ~10
- g. Maximum vehicular trips generated per hour: <20 (upon completion of project)?
- h. If residential: Number and type of housing units:

An interconnection extends to the existing NYSEG Pierce Ave. Substation south-southeast of the site at a nominal three-phase voltage of 46 kilowatts. A segment of the interconnection line is anticipated to be below ground through property immediately adjacent to the substation, otherwise, above grade.

See Attachment A regarding traffic analysis.

	One Family	Two Family	Multiple Family	Condominium
Initially	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>
Ultimately	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>

- i. Dimensions (in feet) of largest proposed structure: 107'6" height; 105' width; 108' length.
- j. Linear feet of frontage along a public thoroughfare project will occupy is? 0 ft. Please see Attachment A for both Q1.i and Q1.j.

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 Please see Attachment A.

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

- 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? 0 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: 18 months, (including demolition)

7. If multi-phased:

a. Total number of phases anticipated NA (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 avg. 85; after project is complete ~20; please see Attachment A for more detail.

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

See Attachment A.

a. If yes, indicate type of waste (sewage, industrial, etc) and amount ~30 gpm industrial

b. Name of water body into which effluent will be discharged drainage feature on the property

13. Is subsurface liquid waste disposal involved? Yes No Type _____

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? ~620 tons Wood ash to be put to beneficial reuse; see next page.

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

c. If yes, give name _____; location _____

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

e. If yes, explain:

The project will generate approximately 15 to 20 tons per day of wood ash, which equates to 465 to 620 tons per month. As no treated or otherwise adulterated wood will be combusted at this facility, the ash will contain no adulterants. The wood ash will be collected on site to a storage silo or other weatherproof enclosure prior to transport off site. This wood ash will be put to regional beneficial reuse as an agricultural soil amendment, thus returning beneficial mineral elements to silvacultural and agricultural lands. The wood ash is an effective substitute for liming agents used to manage low pH soils.

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)

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

Please see Attachment A.

23. Total anticipated water usage per day 469k gallons/day.

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

If yes, explain:

The project involves a potential, competitively solicited, long-term renewable energy credit contract provided by NYSERDA. Under the Renewable Portfolio Standard adopted by the New York Public Service Commission, the amount of electricity generated from renewable resources shall increase to at least 25% by the end of 2013. The Standard stipulates that the state's investor-owned utilities collect revenues from their customers to fund this program.

The project also involves tax benefits available under the Empire Zone Program, part of New York's effort to revitalize and expand the State's economy. The project will pay local taxes but will receive a real property tax credit from the State of New York.

Please see Attachment A for more information.

25. Approvals Required:

			Type	Submittal Date
City, Town, Village Board	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		
City, Town, Village Planning Board	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Site Plan Approval	in process
City, Town Zoning Board	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		
City, County Health Department	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		
Other Local Agencies	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		
Other Regional Agencies	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	SRBC: Water Consumptive Use Permit	in process
State Agencies	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	NYSERDA: RPS	in process
			Title V Air Permit; SEQR	in process
			Dept. of Public Service	in process
			SPDES, SWPP & SPCC	in process
Federal Agencies	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	FERC Exempt Wholesale Generator Certification	in process

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 type="checkbox"/> Zoning variance | <input type="checkbox"/> New/revision of master plan | <input type="checkbox"/> Subdivision |
| <input checked="" type="checkbox"/> Site plan | <input 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?

Heavy Industrial District

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

The maximum potential development would be with a similar industrial facility.

4. What is the proposed zoning of the site?

There is no zoning change proposed for this site.

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

There is no zoning change proposed for this site.

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?

North of the site (along & near Chestnut Street):
 GBD : General Business District (small commercial establishments)
 RD-2: Single Family Residential (houses)
 ID: Institutional District (Hartwick College)
 East of the Site: HID: Heavy Industrial District (industrial or commercial enterprises)
 South of the Site:
 HID: Heavy Industrial District (industrial or commercial enterprises; railroad)
 RD-HID: Residential/Heavy Industrial District (houses and industrial or commercial enterprises)
 RD-2: Single Family Residential (houses)
 RD-3: Moderate Density Residential (duplexes and apartment buildings)
 West of the Site within the City of Oneonta: HID: Heavy Industrial District (industrial or commercial enterprises)
 West of the Site within the Town of Oneonta:
 ID: Industrial (industrial or commercial enterprises)
 R-20: Residential (houses)
 B-1: Neighborhood Business (small commercial establishments along Chestnut Street)

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? NA

a. What is the minimum lot size proposed? NA

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

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

The Facility operators will be trained in fire protection and emergency response, and provide the first response. Civil emergency responders will be site cross-trained. Emergency medical response by 911.

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

Please see Attachment A.

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

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 ERIC L. SPOMER Date _____

Signature _____

Title PRESIDENT, CRC DEVELOPMENT, LLC

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

5. Will Proposed Action affect surface or groundwater quality or quantity?

NO YES

Examples that would apply to column 2

Proposed Action will require a discharge permit.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Proposed Action requires use of a source of water that does not have approval to serve proposed (project) action.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Proposed Action requires water supply from wells with greater than 45 gallons per minute pumping capacity.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Construction or operation causing any contamination of a water supply system.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Proposed Action will adversely affect groundwater.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Liquid effluent will be conveyed off the site to facilities which presently do not exist or have inadequate capacity.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Proposed Action would use water in excess of 20,000 gallons per day.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
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.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Proposed Action will require the storage of petroleum or chemical products greater than 1,100 gallons.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Proposed Action will allow residential uses in areas without water and/or sewer services.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Proposed Action locates commercial and/or industrial uses which may require new or expansion of existing waste treatment and/or storage facilities.	<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

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

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

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

Other impacts:

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.

Yes No

A major reduction of an open space important to the community.

Yes No

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

Proposed Action to locate within the CEA?

Yes No

Proposed Action will result in a reduction in the quantity of the resource?

Yes No

Proposed Action will result in a reduction in the quality of the resource?

Yes No

Proposed Action will impact the use, function or enjoyment of the resource?

Yes No

Other impacts:

Yes 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.

 Yes No

Proposed Action will result in major traffic problems.

 Yes No

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

Proposed Action will cause a greater than 5% increase in the use of any form of energy in the municipality.

 Yes 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.

 Yes No

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

Blasting within 1,500 feet of a hospital, school or other sensitive facility.

 Yes No

Odors will occur routinely (more than one hour per day).

 Yes No

Proposed Action will produce operating noise exceeding the local ambient noise levels for noise outside of structures.

 Yes No

Proposed Action will remove natural barriers that would act as a noise screen.

 Yes No

Other impacts:

 Yes No

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

IMPACT ON PUBLIC HEALTH

18. Will Proposed Action affect public health and safety?

NO YES

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

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

Storage facilities for one million or more gallons of liquefied natural gas or other flammable liquids.

 Yes No

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

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

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

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

Proposed Action will conflict with officially adopted plans or goals.

 Yes No

Proposed Action will cause a change in the density of land use.

 Yes No

Proposed Action will replace or eliminate existing facilities, structures or areas of historic importance to the community.

 Yes No

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
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.