

**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

Adoption of Town of Middlefield Zoning Law

\_\_\_\_\_  
 Name of Action

Town of Middlefield Town Board

\_\_\_\_\_  
 Name of Lead Agency

David Bliss

\_\_\_\_\_  
 Supervisor

\_\_\_\_\_  
 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)

February 10, 2011

\_\_\_\_\_  
 Date

**PART 1--PROJECT INFORMATION**  
**Prepared by Project Sponsor**

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

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

Name of Action Adoption of Middlefield Zoning Law

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

Entire township of Middlefield, Otsego County.

Name of Applicant/Sponsor Town of Middlefield Town Board

Address PO Box 961, 3717 County Hwy 35

City / PO Cooperstown State NY Zip Code 13326

Business Telephone 607-547-5093

Name of Owner (if different) \_\_\_\_\_

Address \_\_\_\_\_

City / PO \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Business Telephone \_\_\_\_\_

Description of Action:

To ensure that the Town of Middlefield Zoning is consistent with the newly updated Town of Middlefield Master Plan, the Zoning Ordinance will be rescinded and replaced with the Town of Middlefield Zoning Law. This new local law contains the same procedures, zoning districts, zoning map, standards, and regulations as the Ordinance with the exception of: updated purpose statements, updated definitions, updated section on temporary uses, updated section on amendments, updated section on prohibitions, updated section on enactment, and updated section on filing. These changes were made to more fully implement the intent of the Master Plan, to prohibit gas, oil, and solution mining and extraction activities, and to include provisions consistent with authority and procedures for adopting the law pursuant to the Municipal Home Rule Law of the State of New York, Articles 2 and 3, et. seq., and pursuant to the Town Law of the State of New York, Article 16. The prohibition of natural gas, oil and solution mining and extraction activities is consistent with and implements the Updated Town Master Plan which establishes the long-range goal that residents may prosper in an environment that is secure, that allows for a healthful, prosperous and independent way of life, that land development benefits the community as a whole but is not done in a manner which threatens the health and well-being of the community, that farm lands remain viable and sustainable, that Otsego Lake and wooded areas harboring game and the important aesthetic and historical character of Middlefield are protected.

**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 This includes the entire township of Middlefield and all its land uses within its boundaries

2. Total acreage of project area: 39,669 acres.

APPROXIMATE ACREAGE	PRESENTLY	AFTER COMPLETION
Meadow or Brushland (Non-agricultural)	_____ acres	_____ acres
Forested	_____ acres	_____ acres
Agricultural (Includes orchards, cropland, pasture, etc.)	_____ acres	_____ acres
Wetland (Freshwater or tidal as per Articles 24,25 of ECL)	_____ acres	_____ acres
Water Surface Area	_____ acres	_____ acres
Unvegetated (Rock, earth or fill)	_____ acres	_____ acres
Roads, buildings and other paved surfaces	_____ acres	_____ acres
Other (Indicate type) _____	_____ acres	_____ acres

3. What is predominant soil type(s) on project site? mostly loams throughout town

- a. Soil drainage:  Well drained \_\_\_\_\_% of site  Moderately well drained \_\_\_\_\_% of site.  
 Poorly drained \_\_\_\_\_% 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? NA acres (see 1 NYCRR 370).

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

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

5. Approximate percentage of proposed project site with slopes:

- 0-10% \_\_\_\_\_%  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? varies (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:

NYS Natural Heritage Program; FGEIS on the Capacities of the Cooperstown Region 2002, NYS Breeding Bird Atlas, NY Herpetological Atlas

Identify each species:

Northern Harrier, Upland Sandpiper, Henslow's Sparrow, possibly Long-eared Owl, Jefferson Salamander, Blue-spotted Salamander

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:

The Town has much open space used for hunting and outdoor recreation, Otsego Lake and its shoreline is critical open space areas and the public uses the Lake for recreation.

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

The 2002 FGEIS documented specific locations considered to be within important viewsheds throughout the Cooperstown region. See maps 11 a to 11h. of FGEIS, including view point on Goodspeed Road.

15. Streams within or contiguous to project area:

Many including Cherry Valley Creek, Upper Susquehanna River

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

Susquehanna River

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

Otsego Lake, many small ponds, and at least 35 DEC regulated wetlands are found within the township boundary.

- b. Size (in acres):

Varies. Wetland complex along Cherry Valley Creek is the largest and is a riparian wetland system.

17. Is the site served by existing public utilities?  Yes  No
- a. If YES, does sufficient capacity exist to allow connection?  Yes  No
- b. If YES, will improvements be necessary to allow connection?  Yes  No
18. Is the site located in an agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304?  Yes  No
19. Is the site located in or substantially contiguous to a Critical Environmental Area designated pursuant to Article 8 of the ECL, and 6 NYCRR 617?  Yes  No
20. Has the site ever been used for the disposal of solid or hazardous wastes?  Yes  No

**B. Project Description**

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

- a. Total contiguous acreage owned or controlled by project sponsor: \_\_\_\_\_ acres.
- b. Project acreage to be developed: \_\_\_\_\_ acres initially; \_\_\_\_\_ acres ultimately.
- c. Project acreage to remain undeveloped: \_\_\_\_\_ acres.
- d. Length of project, in miles: \_\_\_\_\_ (if appropriate)
- e. If the project is an expansion, indicate percent of expansion proposed. \_\_\_\_\_ %
- f. Number of off-street parking spaces existing \_\_\_\_\_; proposed \_\_\_\_\_
- g. Maximum vehicular trips generated per hour: \_\_\_\_\_ (upon completion of project)?
- h. If residential: Number and type of housing units:

	One Family	Two Family	Multiple Family	Condominium
Initially	_____	_____	_____	_____
Ultimately	_____	_____	_____	_____

- i. Dimensions (in feet) of largest proposed structure: \_\_\_\_\_ height; \_\_\_\_\_ width; \_\_\_\_\_ length.
- j. Linear feet of frontage along a public thoroughfare project will occupy is? \_\_\_\_\_ ft.
2. How much natural material (i.e. rock, earth, etc.) will be removed from the site? \_\_\_\_\_ 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?

- 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? \_\_\_\_\_ 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: \_\_\_\_\_ months, (including demolition)

7. If multi-phased:

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 \_\_\_\_\_; after project is complete \_\_\_\_\_

10. Number of jobs eliminated by this project \_\_\_\_\_.

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

If yes, explain:

12. Is surface liquid waste disposal involved?  Yes  No

a. If yes, indicate type of waste (sewage, industrial, etc) and amount \_\_\_\_\_

b. Name of water body into which effluent will be discharged \_\_\_\_\_

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? \_\_\_\_\_ tons

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:

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.

23. Total anticipated water usage per day \_\_\_\_\_ 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>Town Board Approval</u>	<u>2/9/11</u>
			_____	_____
			_____	_____
City, Town, Village Planning Board	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<u>Planning Board Advisory</u>	<u>2/3/11</u>
			<u>Opinion</u>	_____
			_____	_____
			_____	_____
City, Town Zoning Board	<input type="checkbox"/> Yes	<input type="checkbox"/> No	_____	_____
			_____	_____
			_____	_____
City, County Health Department	<input type="checkbox"/> Yes	<input type="checkbox"/> No	_____	_____
			_____	_____
			_____	_____
Other Local Agencies	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<u>County Planning Board</u>	<u>2/10/11</u>
			<u>for 239-m review</u>	_____
			_____	_____
			_____	_____
Other Regional Agencies	<input type="checkbox"/> Yes	<input type="checkbox"/> No	_____	_____
			_____	_____
			_____	_____
State Agencies	<input type="checkbox"/> Yes	<input type="checkbox"/> No	_____	_____
			_____	_____
			_____	_____
Federal Agencies	<input type="checkbox"/> Yes	<input type="checkbox"/> No	_____	_____
			_____	_____
			_____	_____

**C. Zoning and Planning Information**

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

If Yes, indicate decision required:

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

R-80 Residence-Agriculture District, R-HD Residential Hamlet District, PDD Planned Development District, FPD Flood Protection District

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

5,400 new residential units with an approximate population of 14,000, in addition to those already existing at this date.

4. What is the proposed zoning of the site?

Zoning districts are not proposed to be changed. The action includes prohibition of gas, oil, or solution extraction or mining.

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

Same - total build out for town is 5,400 new units with approximately 14,000 new population.

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

This action is consistent with the Master Plan, as updated.

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

Zoning classifications are R-80 Residence-Agriculture District, R-HD Residential Hamlet District, PDD Planned Development District, FPD Flood Protection District. Land uses include agriculture, rural residential, scattered business development, some industrial development, forests and forestry, recreational lands, conservation lands.

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? \_\_\_\_\_

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

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

**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 Town of Middlefield Town Board 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No

The new Law will prevent deleterious affects of gas drilling on areas with shallow soils and will prevent removal of natural materials associated with that activity.

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
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**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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No

The law will protect public water supplies (quality and quantity) in Otsego Lake, and tributaries within its watershed by prohibiting natural gas drilling activities.

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

**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 checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

The amount of land committed to industrial use will not increase with a drilling prohibition & emissions from gas drilling flares and burning, and excessive truck traffic will be prevented.

**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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No

Prohibition of gas drilling will allow maintenance of critical water and land habitats, unfragmented forests, and prevent introduction of pollution to the habitats.

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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No

Prohibition of gas drilling will allow maintenance of critical water and land habitats, unfragmented forests, and prevent introduction of pollution to the habitats.

**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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No

Prohibition of gas drilling will maintain the maximum amount of lands available for agricultural uses, including forestry.

**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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No

Prohibition of gas drilling will mean there will be no obviously different land use patterns, and will not create industrial land uses visible to users of the regions scenic resources.

**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

- Other impacts:    Yes  No

Prohibition of gas drilling will mean there will be no industrial scale impacts to the Glimmerglass Historic District and the Middlefield Hamlet Historic District.

**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

Prohibition of gas drilling will maintain open spaces for future recreational use and will not reduce important open spaces which exist throughout the township.

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

**IMPACT ON TRANSPORTATION**

15. Will there be an effect to existing transportation systems?

NO       YES

**Examples** that would apply to column 2

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

Prohibition of gas drilling will mean there will be no alteration of traffic or creation of traffic problems associated with gas drilling trucking.

**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 checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

Noise and odor impacts associated with gas drilling will be prevented by the laws prohibition of gas drilling.

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

- |   |   |  |  |
|---|---|--|--|
| <ul style="list-style-type: none"> <li>• 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.</li> <li>• Proposed Action may result in the burial of "hazardous wastes" in any form (i.e. toxic, poisonous, highly reactive, radioactive, irritating, infectious, etc.)</li> <li>• Storage facilities for one million or more gallons of liquefied natural gas or other flammable liquids.</li> <li>• 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.</li> <li>• Other impacts:</li> </ul> | <input type="checkbox"/><br><br><br><br><br><br><br><br><br><br><input checked="" type="checkbox"/> | <input type="checkbox"/><br><br><br><br><br><br><br><br><br><br><input type="checkbox"/> | <input type="checkbox"/> Yes <input type="checkbox"/> No<br><br><br><br><br><br><br><br><br><br><input type="checkbox"/> Yes <input type="checkbox"/> No |
|---|---|--|--|

Prohibition of gas drilling will eliminate the risk of explosion, the release of hazardous substances and the creation of hazardous wastes, and natural gas storage will not be needed.

**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

- |  |  |  |  |
|--|--|--|--|
| <ul style="list-style-type: none"> <li>• The permanent population of the city, town or village in which the project is located is likely to grow by more than 5%.</li> <li>• The municipal budget for capital expenditures or operating services will increase by more than 5% per year as a result of this project.</li> <li>• Proposed Action will conflict with officially adopted plans or goals.</li> <li>• Proposed Action will cause a change in the density of land use.</li> <li>• Proposed Action will replace or eliminate existing facilities, structures or areas of historic importance to the community.</li> <li>• Development will create a demand for additional community services (e.g. schools, police and fire, etc.)</li> </ul> | <input type="checkbox"/><br><br><br><br><br><br><br><br><br><br><input type="checkbox"/> | <input type="checkbox"/><br><br><br><br><br><br><br><br><br><br><input type="checkbox"/> | <input type="checkbox"/> Yes <input type="checkbox"/> No<br><br><br><br><br><br><br><br><br><br><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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No

Prohibition of gas drilling will allow Middlefield to develop as per the policies established in the Town Master Plan.

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.



