

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

Proposed Mill Seat Landfill Expansion

Name of Action

Monroe County

Name of Lead Agency

Maggie Brooks *DANIEL M. DELAUS JR.*

Print or Type Name of Responsible Officer in Lead Agency

County Executive

Title of Responsible Officer

Signature of Responsible Officer in Lead Agency

Signature of Preparer (If different from responsible officer)

April 19, 2013

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 Proposed Mill Seat Landfill Expansion

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

303 Brew Road, Bergen, New York 14416
Town of Riga, County of Monroe, State of New York

Name of Applicant/Sponsor Monroe County

Address 39 West Main Street, Suite 110

City / PO Rochester State NY Zip Code 14614

Business Telephone (585) 753-1000

Name of Owner (if different) _____

Address _____

City / PO _____ State _____ Zip Code _____

Business Telephone _____

Description of Action:

Monroe County proposes an expansion to the existing Mill Seat Landfill located in the Town of Riga, New York. Monroe County ("the County") is the owner and permittee of the Mill Seat Landfill. The Mill Seat Landfill's SWMF Permit I.D. number is 8-2648-00014 with an approved disposal capacity of 1,945 tons per day. The Mill Seat Landfill is operated by Waste Management of New York, LLC (WMNY), under a lease agreement with the County. The location of the facility is shown on Figure 1.

The Proposed Mill Seat Landfill Expansion will:

- provide long-term, cost effective solid waste disposal capacity for the County; and
- secure additional disposal capacity in the County beyond the current useful life of the Mill Seat Landfill that ensure that locally controlled, environmentally sound, and reliable disposal capacity (ex. County biosolids disposal, City of Rochester municipal solid waste, etc.) will be provided without interruption for at least twenty-five (25) years to the residents and businesses located in the County.

The current permitted Mill Seat Landfill and associated operations occupy four hundred and thirty five (435) acres owned by the County which includes a double composite liner ("Landfill Footprint") on which solid waste is disposed and ancillary facilities (roads, buildings, soil borrow areas, stormwater ponds, etc.). The current permitted Landfill Footprint occupies approximately ninety-eight point six (98.6) acres and is estimated to be exhausted in 2018.

A total of nine hundred seventy seven (977) acres of contiguous parcels are owned by the County and WMNY. The additional Landfill Footprint may be up to one hundred eighteen (118) acres. Additional acres will be required for soil and geosynthetic stockpile areas, construction staging areas, stormwater collection, storage infrastructure and buffer. Soil balance estimates are currently under development; however, it is anticipated that soil for landfill construction, operation and closure will be obtained from one (1) or more off-site locations.

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 existing solid waste landfill

2. Total acreage of project area: 977 acres.

APPROXIMATE ACREAGE	PRESENTLY	AFTER COMPLETION
Meadow or Brushland (Non-agricultural)	<u>278</u> acres	<u>296</u> acres
Forested	<u>52</u> acres	<u>38</u> acres
Agricultural (Includes orchards, cropland, pasture, etc.)	<u>212</u> acres	<u>35</u> acres
Wetland (Freshwater or tidal as per Articles 24,25 of ECL)	<u>230</u> acres	<u>265</u> acres
Water Surface Area	<u>2</u> acres	<u>2</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>6</u> acres
Other (Indicate type) <u>Landfill and associated infrastructure</u>	<u>203</u> acres	<u>335</u> acres

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

- a. Soil drainage: ☒ Well drained 90% of site ☒ Moderately well drained 10% of site.
☐ Poorly drained ____% of site

Coarse grained till, dense lodgement till, sand and gravel deposits.

- 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? _____ acres (see 1 NYCRR 370).

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

- a. What is depth to bedrock 1 - 37 ft. (in feet)

5. Approximate percentage of proposed project site with slopes:

- ☒ 0-10% 80% ☒ 10- 15% 10% ☒ 15% or greater 10%

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
Based upon a review of the NYS Historic Preservation Office - GIS Public Access website.

8. What is the depth of the water table? 5-20 ft. (in feet)
Further details to be provided in the Hydrogeologic Investigation Report.

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:

Natural Resources Inventory, prepared by Applied Ecological Services in 2011/2012

Identify each species:

Federally threatened and NYS endangered bog turtle, and NYS endangered log fern could potentially occur on-site; however, these species have not been observed on-site during field visits associated with the Natural Resources Inventory.

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

☐ Yes ☒ No

Describe:

None identified in Town of Riga/Village of Churchville Comprehensive Plan (2008).

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

None identified in Town of Riga/Village of Churchville Comprehensive Plan (2008).

15. Streams within or contiguous to project area:

Hotel Creek and its tributaries.

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

Hotel Creek is a tributary of Black Creek (northeast) which flows to the Genesee River.

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

Three (3) NYSDEC designated wetlands referred to as RG-5, RG-6 and RG-7 are located within or contiguous to the project area.

b. Size (in acres):

RG-5 - to the west; approximately 108 acres (extends beyond the Mill Seat Landfill property)
RG-6 - to the south, approximately 12.5 acres
RG-7 - to the east; approximately 112 acres (extends beyond the Mill Seat Landfill property)

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 *Monroe County, Southwest #2*
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 *Hotel Creek #4, designated by the Town of Riga on March 17, 1990.*
20. Has the site ever been used for the disposal of solid or hazardous wastes? ☒ Yes ☐ No
The project site is contiguous to an existing solid waste disposal facility.

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: 977 acres.
- b. Project acreage to be developed: 203 acres initially; ~335 acres ultimately.
- c. Project acreage to remain undeveloped: ~642 acres.
- d. Length of project, in miles: N/A (if appropriate)
- e. If the project is an expansion, indicate percent of expansion proposed. 120 %
- f. Number of off-street parking spaces existing N/A; proposed N/A
- g. Maximum vehicular trips generated per hour: N/A (upon completion of project)?
- h. If residential: Number and type of housing units: N/A
- | | One Family | Two Family | Multiple Family | Condominium |
|------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Initially | <u> </u> | <u> </u> | <u> </u> | <u> </u> |
| Ultimately | <u> </u> | <u> </u> | <u> </u> | <u> </u> |
- i. Dimensions (in feet) of largest proposed structure: N/A height; width; length.
- j. Linear feet of frontage along a public thoroughfare project will occupy is? 2,200 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?
- At this time, the site is anticipated to be reclaimed as an open green space or wildlife habitat area.
- 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? 118+ 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: N/A months, (including demolition)

7. If multi-phased:

a. Total number of phases anticipated 18 (number)

The construction of phases will be dependent on incoming tonnages and fill rates.

b. Anticipated date of commencement phase 1: 01 month 2017 year, (including demolition)

c. Approximate completion date of final phase: 01 month 2051 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 25*; after project is complete *WMNY will continue to employ 21 to 30 employees.*
**Additional jobs from present staffing.*

10. Number of jobs eliminated by this project none.

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 leachate; 20,000,000 gallons annually

b. Name of water body into which effluent will be discharged Piped to VanLare WWTP; Lake Ontario.

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:

Two (2) stormwater ponds will be constructed. Wetland RG-6 may be impacted by this proposal.

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? N/A tons

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

c. If yes, give name Mill Seat Landfill ⁺; location Riga, NY ⁺

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

e. If yes, explain:

General construction debris will be generated during the project implementation, which will be disposed of at the Mill Seat Landfill facility.

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

- a. If yes, what is the anticipated rate of disposal? _____* tons/month. **1,945 tons/day, based on a quarterly average. BUD allows an additional 30% approximately.*
- b. If yes, what is the anticipated site life? 34 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)

This project will generate landfill gas that may be recovered and converted to energy. This project will not result in a significant increase in energy use.

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

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

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

If yes, explain:

25. Approvals Required:

			Type	Submittal Date
City, Town, Village Board	☒ Yes	☐ No	<u>Town of Riga Town Board</u>	<u>Projected</u>
				<u>Spring 2013</u>
City, Town, Village Planning Board	☐ Yes	☒ No		
City, Town Zoning Board	☐ Yes	☒ No		
City, County Health Department	☐ Yes	☒ No		
Other Local Agencies	☐ Yes	☒ No		
Other Regional Agencies	☐ Yes	☒ No		
State Agencies	☒ Yes	☐ No	<u>Part 360 Modification</u>	<u>Projected</u>
			<u>Title V Air Permit</u>	<u>Summer</u>
			<u>Freshwater Wetlands Permit</u>	<u>2013</u>
Federal Agencies	☒ Yes	☐ No	<u>Section 404 Wetlands</u>	<u>Projected</u>
			<u>Permit (USACE)</u>	<u>Summer</u>
				<u>2013</u>

C. Zoning and Planning Information

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

If Yes, indicate decision required:

☐ Zoning amendment	☐ Zoning variance	☐ New/revision of master plan	☐ Subdivision
☐ Site plan	☐ Special use permit	☐ Resource management plan	☐ Other

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

General Industrial (GI), Rural Agricultural (RA)

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

Not applicable. The Town of Riga's zoning ordinance classifies the Mill Seat Landfill as "Agricultural/Residential". The County has a degree of immunity from local zoning and land use regulations as provided by case law. Further, the Mill Seat Landfill is also governed by an Amended and Restated Host Community Agreement executed by the County and Town of Riga.

4. What is the proposed zoning of the site?

Not applicable. The Town of Riga's zoning ordinance classifies the Mill Seat Landfill as "Agricultural/Residential". The County has a degree of immunity from local zoning and land use regulations as provided by case law. Further, the Mill Seat Landfill is also governed by an Amended and Restated Host Community Agreement executed by the County and Town of Riga.

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

Not applicable. The Town of Riga's zoning ordinance classifies the Mill Seat Landfill as "Agricultural/Residential". The County has a degree of immunity from local zoning and land use regulations as provided by case law. Further, the Mill Seat Landfill is also governed by an Amended and Restated Host Community Agreement executed by the County and Town of Riga.

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

The proposed action is consistent with the Town of Riga/Village of Churchville Comprehensive Plan (2008) and the Monroe County SWMP.

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

General Industrial (GI), Rural Agricultural (RA), Municipal Landfill, Residential and 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

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

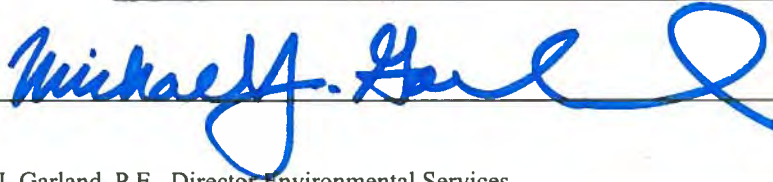
I certify that the information provided above is true to the best of my knowledge.

Applicant/Sponsor Name Monroe County

Date

1/29/13

Signature



Title Michael J. Garland, P.E., Director Environmental Services

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

Legend

 Existing Landfill Footprint

Land Ownership

 County-Owned

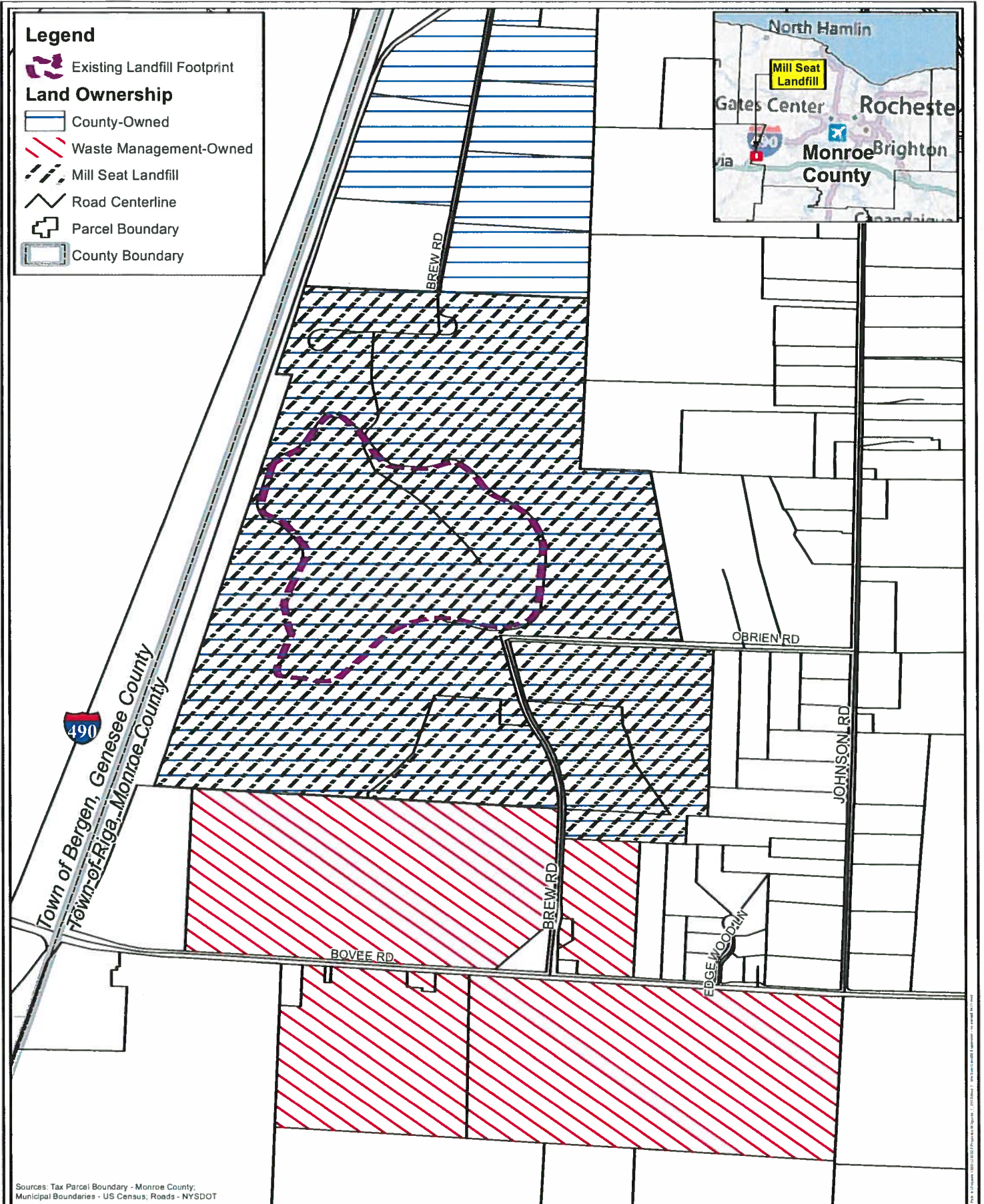
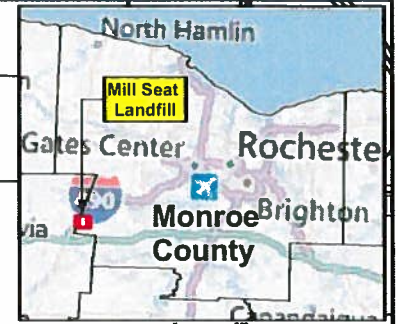
 Waste Management-Owned

 Mill Seat Landfill

 Road Centerline

 Parcel Boundary

 County Boundary



Sources: Tax Parcel Boundary - Monroe County;
Municipal Boundaries - US Census; Roads - NYSDOT

Barton
& Loguidice, P.C.

Engineers • Environmental Scientists • Planners • Landscape Architects



Mill Seat Landfill
Proposed Mill Seat Landfill Expansion
Monroe County January 2013 New York

Figure
1
Project
No.
1242.022

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:					
!	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?	☐	☐	☐	☐	☐
!	An overlook or parcel of land dedicated to public observation, enjoyment and appreciation of natural or man-made scenic qualities?	☐	☐	☐	☐	☐
!	A site or structure listed on the National or State Registers of Historic Places?	☐	☐	☐	☐	☒
!	State Parks?	☐	☐	☐	☐	☐
!	The State Forest Preserve?	☐	☐	☐	☐	☐
!	National Wildlife Refuges and State Game Refuges?	☐	☐	☐	☐	☐
!	National Natural Landmarks and other outstanding natural features?	☐	☐	☐	☐	☐
!	National Park Service lands?	☐	☐	☐	☐	☐
!	Rivers designated as National or State Wild, Scenic or Recreational?	☐	☐	☐	☐	☐
!	Any transportation corridor of high exposure, such as part of the Interstate System, or Amtrak?	☒	☐	☐	☐	☐
!	A governmentally established or designated interstate or inter-county foot trail, or one formally proposed for establishment or designation?	☐	☐	☐	☐	☐
!	A site, area, lake, reservoir or highway designated as scenic?	☐	☐	☐	☐	☐
!	Municipal park, or designated open space?	☐	☐	☐	☐	☐
!	County road?	☒	☐	☐	☐	☐
!	State road?	☐	☐	☐	☐	☐
!	Local road?	☒	☐	☐	☐	☐
2.	Is the visibility of the project seasonal? (i.e., screened by summer foliage, but visible during other seasons)					
	☐ Yes	☒ No				
3.	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?					
	☒ Yes	☐ No				

DESCRIPTION OF EXISTING VISUAL ENVIRONMENT

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

	Within	
	*1/4 mile	*1 mile
Essentially undeveloped	☒	☐
Forested	☒	☐
Agricultural	☒	☐
Suburban Residential	☐	☐
Industrial	☐	☐
Commercial	☐	☒
Urban	☐	☐
River, Lake, Pond	☒	☐
Cliffs, Overlooks	☐	☐
Designated Open Space	☐	☐
Flat	☐	☒
Hilly	☒	☐
Mountainous	☐	☐
Other	☐	☐

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

**The proposed landfill is located contiguous to an existing landfill facility, which is visually similar.

*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

>2.9 million*

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

*Based on NYSDOT data indicating approximately 8000 vehicle trips per day on I-490.

CONTEXT

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

FREQUENCY

Activity	Daily	Weekly	Holidays/ Weekends	Seasonally
Travel to and from work	☒	☐	☐	☐
Involved in recreational activities	☐	☐	☐	☐
Routine travel by residents	☒	☐	☐	☐
At a residence	☒	☐	☐	☐
At worksite	☐	☐	☐	☐
Other	☐	☐	☐	☐

Reset

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

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

2. Will there be an effect to any unique or unusual land forms found on the site? (i.e., cliffs, dunes, geological formations, etc.)

☒ NO ☐ YES

- Specific land forms:

☐ ☐ ☐ Yes ☐ No

Impact on Water

3. Will Proposed Action affect any water body designated as protected? (Under Articles 15, 24, 25 of the Environmental Conservation Law, ECL)

☐ NO ☒ YES

Examples that would apply to column 2

- Developable area of site contains a protected water body.
- Dredging more than 100 cubic yards of material from channel of a protected stream.
- Extension of utility distribution facilities through a protected water body.
- Construction in a designated freshwater or tidal wetland.
- Other impacts:

☐	☒	☐ Yes ☒ No
☐	☐	☐ Yes ☐ No
☐	☐	☐ Yes ☐ No
☐	☒	☐ Yes ☒ No
☐	☐	☐ Yes ☐ No

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

☒ NO ☐ YES

Examples that would apply to column 2

- A 10% increase or decrease in the surface area of any body of water or more than a 10 acre increase or decrease.
- Construction of a body of water that exceeds 10 acres of surface area.
- Other impacts:

☐	☐	☐ Yes ☐ No
☐	☐	☐ Yes ☐ No
☐	☐	☐ Yes ☐ 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. | ☐ | ☒ | ☐ Yes ☒ No |
| • Proposed Action requires use of a source of water that does not have approval to serve proposed (project) action. | ☐ | ☐ | ☐ Yes ☐ No |
| • Proposed Action requires water supply from wells with greater than 45 gallons per minute pumping capacity. | ☐ | ☐ | ☐ Yes ☐ No |
| • Construction or operation causing any contamination of a water supply system. | ☐ | ☐ | ☐ Yes ☐ No |
| • Proposed Action will adversely affect groundwater. | ☒ | ☐ | ☐ Yes ☐ No |
| • Liquid effluent will be conveyed off the site to facilities which presently do not exist or have inadequate capacity. | ☐ | ☐ | ☐ Yes ☐ No |
| • Proposed Action would use water in excess of 20,000 gallons per day. | ☐ | ☐ | ☐ Yes ☐ 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. | ☒ | ☐ | ☐ Yes ☐ No |
| • Proposed Action will require the storage of petroleum or chemical products greater than 1,100 gallons. | ☒ | ☐ | ☐ Yes ☐ No |
| • Proposed Action will allow residential uses in areas without water and/or sewer services. | ☐ | ☐ | ☐ Yes ☐ No |
| • Proposed Action locates commercial and/or industrial uses which may require new or expansion of existing waste treatment and/or storage facilities. | ☐ | ☐ | ☐ Yes ☐ No |
| • Other impacts: | ☐ | ☐ | ☐ Yes ☐ 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 | ☐ | ☐ | ☐ Yes ☐ No |
| • Proposed Action may cause substantial erosion. | ☐ | ☐ | ☐ Yes ☐ No |
| • Proposed Action is incompatible with existing drainage patterns. | ☐ | ☐ | ☐ Yes ☐ No |
| • Proposed Action will allow development in a designated floodway. | ☐ | ☐ | ☐ Yes ☐ No |
| • Other impacts: | ☐ | ☒ | ☐ Yes ☒ No |

The Proposed Action will require excavation and grading, which will alter the drainage flow patterns and/or the surface water runoff.

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. | ☐ | ☐ | ☐ Yes ☐ No |
| • Proposed Action will result in the incineration of more than 1 ton of refuse per hour. | ☐ | ☐ | ☐ Yes ☐ 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. | ☐ | ☐ | ☐ Yes ☐ No |
| • Proposed Action will allow an increase in the amount of land committed to industrial use. | ☒ | ☐ | ☐ Yes ☐ No |
| • Proposed Action will allow an increase in the density of industrial development within existing industrial areas. | ☐ | ☐ | ☐ Yes ☐ No |
| • Other impacts: | ☒ | ☐ | ☐ Yes ☐ No |

The Proposed Action will require a Title V Air Permit Modification.

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. | ☐ | ☐ | ☐ Yes ☐ 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.	☐	☐	☐ Yes ☐ No
• Application of pesticide or herbicide more than twice a year, other than for agricultural purposes.	☐	☐	☐ Yes ☐ No
• Other impacts:	☐	☐	☐ Yes ☐ No

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

☐ NO ☒ YES

Examples that would apply to column 2

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

IMPACT ON AGRICULTURAL LAND RESOURCES

10. Will Proposed Action affect agricultural land resources?

☐ NO ☒ YES

Examples that would apply to column 2

- | | | | |
|--|--------------------------|-------------------------------------|---|
| • The Proposed Action would sever, cross or limit access to agricultural land (includes cropland, hayfields, pasture, vineyard, orchard, etc.) | ☐ | ☐ | ☐ Yes ☐ No |
| • Construction activity would excavate or compact the soil profile of agricultural land. | ☐ | ☒ | ☐ Yes ☒ 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. | ☐ | ☒ | ☐ Yes ☒ No |

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| • The Proposed Action would disrupt or prevent installation of agricultural land management systems (e.g., subsurface drain lines, outlet ditches, strip cropping); or create a need for such measures (e.g. cause a farm field to drain poorly due to increased runoff). | ☐ | ☐ | ☐ Yes ☐ No |
| • Other impacts: | ☐ | ☐ | ☐ Yes ☐ No |

IMPACT ON AESTHETIC RESOURCES

11. Will Proposed Action affect aesthetic resources? (If necessary, use the Visual EAF Addendum in Section 617.20, Appendix B.)

☐ NO ☒ YES

Examples that would apply to column 2

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

See attached Visual EAF Addendum

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. | ☐ | ☐ | ☐ Yes ☐ No |
| • Any impact to an archaeological site or fossil bed located within the project site. | ☐ | ☐ | ☐ Yes ☐ No |
| • Proposed Action will occur in an area designated as sensitive for archaeological sites on the NYS Site Inventory. | ☐ | ☐ | ☐ Yes ☐ No |

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| • Other impacts: | ☒ | ☐ | ☐ Yes ☐ No |

Excavation will occur in areas that have not been previously disturbed.

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.

Portions of the Proposed Action will be located near Hotel Creek, which is a designated CEA. Hotel Creek was designated by the Town of Riga as a CEA on March 17, 1990. At the time of designation, Hotel Creek was known to provide quality trout habitat and may serve as spawning grounds for trout species.

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 |

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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

The Proposed Action may have an impact on the amount of landfill gas that may be beneficially used as an alternate fuel.

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

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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 |

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|--|-------------------------------------|-----------------------------------|--|
| • Proposed Action will set an important precedent for future projects. | ☐ | ☐ | ☐ Yes ☐ No |
| • Proposed Action will create or eliminate employment. | ☐ | ☐ | ☐ Yes ☐ No |
| • Other impacts: | ☐ | ☐ | ☐ Yes ☐ No |

20. Is there, or is there likely to be, public controversy related to potential adverse environment impacts?

☒ NO ☐ YES

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

Part 3 - EVALUATION OF THE IMPORTANCE OF IMPACTS

Responsibility of Lead Agency

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

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

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

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

To answer the question of importance, consider:

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

Impact on Land - Construction will occur in multiple phases and will continue for over thirty (30) years. The Proposed Action will alter the land through excavation and grading over the life of the project. The potential impacts will be analyzed in the Draft Supplemental Environmental Impact Statement (DSEIS). Not enough information is currently available to determine the magnitude of these potential impacts.

Impact on Water - The Proposed Action would result in a large amount of excavation on the site and potentially change surface water flow direction and volume. Additionally, wetland RG-6 is proposed to be impacted by the Proposed Action. Further information needs to be gathered to determine the magnitude of these impacts.

Impact on Agricultural Land Resources - Approximately one hundred seventy five (175) acres of land would be removed from agricultural production as a result of the Proposed Action. The significance of this loss of agricultural land will be addressed in the DSEIS.

Impact on Aesthetic Resources - The Proposed Action would result in a change to the visual landscape. Not enough information is currently available to determine the long-term and short-term impacts. A supplemental visual impact evaluation will be performed to determine if the Proposed Action creates significant visual impacts.

Impact on Transportation - The Proposed Action may result in increased traffic associated with the use of one (1) or more off-site locations for soil borrow. Additionally, impacts associated with the closure of portions of Brew Road and O'Brien Road will be evaluated. Further information needs to be gathered to determine the magnitude of these impacts.

Impact on Public Health - The Proposed Action will result in excavation within two thousand (2,000) feet of the existing solid waste landfill.

The above impacts will be analyzed and addressed in the DSEIS.