

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 Southern Expansion of the Development Authority of the North Country's SWMF

Name of Action

Development Authority of the North Country

Name of Lead Agency

James W. Wright

Executive Director

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)

November 2, 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 Proposed Southern Expansion of the Development Authority of the North Country's Solid Waste Management Facility (SWMF)

Location of Action (include Street Address, Municipality and County)
NYS Route 177, Town of Rodman, Jefferson County, New York (see Figure 1)

Name of Applicant/Sponsor Development Authority of the North Country

Address Dulles State Office Building, 317 Washington Street

City / PO Watertown State New York Zip Code 13601

Business Telephone (315) 661-3200

Name of Owner (if different) _____

Address _____

City / PO _____ State _____ Zip Code _____

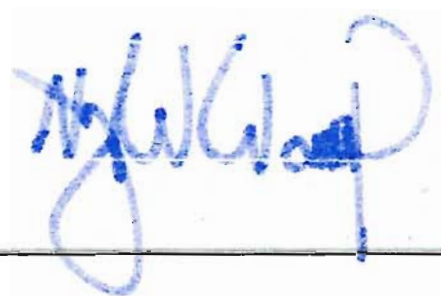
Business Telephone _____

Description of Action:

The Development Authority of the North Country is pursuing plans to expand its existing Solid Waste Management Facility (SWMF) in the Town of Rodman, Jefferson County, New York. The proposed project area encompasses approximately 146 acres to the south of the existing landfill footprint on Development Authority property and approximately 20 acres of borrow area on County Reforestation property owned by Jefferson County (the "Southern Expansion"). The Southern Expansion will add approximately 19.4 million cubic yards of airspace to accommodate solid waste disposal for approximately 62 years at an average waste disposal rate of 260,000 tons per year.

The Southern Expansion will be built in phases, with each new cell constructed as additional disposal capacity is needed. A total of eight (8) new landfill liner cells are planned, and each will be separately constructed and monitored. Construction of the first cell is anticipated to be completed by 2021. Throughout construction, best management practices will be implemented on-site. A potential upgrade to the power production capacity at the landfill's current gas-to-energy facility may be required due to the increase in waste disposal area.

Additional details regarding the Southern Expansion project are provided in Attachment 1 - Project Description, attached to this EAF along with Figure 1 which depicts the project area.



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 Solid Waste Management Facility

* The acreage of the Southern Expansion is approx. 146 acres - the acreage of the additional borrow area to be used is approx. 20 acres.
 ** It is anticipated that the borrow area located outside of the proposed Southern Expansion limits will be seeded to restore vegetation after borrow activities cease.

2. Total acreage of project area: ~166.0* acres.

APPROXIMATE ACREAGE	PRESENTLY	AFTER COMPLETION
Meadow or Brushland (Non-agricultural)	<u>23.7</u> acres	<u>20.0**</u> acres
Forested	<u>124.6</u> acres	<u>0</u> acres
Agricultural (Includes orchards, cropland, pasture, etc.)	<u>0</u> acres	<u>0</u> acres
Wetland (Freshwater or tidal as per Articles 24,25 of ECL)	<u>0</u> acres	<u>0</u> acres
Water Surface Area	<u>1.0</u> acres	<u>3.0</u> acres
Unvegetated (Rock, earth or fill)	<u>0</u> acres	<u>0</u> acres
Roads, buildings and other paved surfaces	<u>0</u> acres	<u>0</u> acres
Other (Indicate type) <u>federal wetlands (presumed)</u>	<u>13.5</u> acres	<u>0</u> acres
<u>developed area (existing facilities and disturbed area)</u>	<u>3.8</u> acres	<u>143.0</u> acres

3. What is predominant soil type(s) on project site? Gulf silt loam
- a. Soil drainage: Well drained 48% of site Moderately well drained 25% of site.
 Poorly drained 27% of site
- b. If any agricultural land is involved, how many acres of soil are classified within soil group 1 through 4 of the NYS Land Classification System? N/A acres (see 1 NYCRR 370).
4. Are there bedrock outcroppings on project site? Yes No
- a. What is depth to bedrock 0-30 (in feet)
5. Approximate percentage of proposed project site with slopes:
 0-10% 80% 10- 15% 15% 15% or greater 5%
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? ~0-5+ (in feet)
9. Is site located over a primary, principal, or sole source aquifer? Yes No (Applies only to USEPA sole source designation)
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:

Records check and previous coordination efforts with US Fish and Wildlife Service (USFWS) and NYSDEC Natural Heritage Program (NHP).

Identify each species:

USFWS records for Jefferson County indicate the following species: bald eagle, Indiana bat, and piping plover - these species were not found to inhabit the site during previously conducted field studies.

Coordination for state-listed species completed with Natural Heritage Program - no records of state protected species within the proposed project area.

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:

Multiple accessible hunting sites and walking/nature trails are located on Authority property; however, none of these opportunities are located within the Southern Expansion area.

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

15. Streams within or contiguous to project area:

Multiple small ephemeral and intermittent streams are located on the Development Authority's property, seven of which are located within the project area. These small streams flow into two larger tributaries, identified as the Northern and Southern Tributaries to Fish Creek.

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

Fish Creek is a tributary of Sandy Creek, which flows into Lake Ontario.

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

Approximately 13.5 acres of freshwater wetlands under federal jurisdiction were delineated within the limits of the Proposed Southern Expansion.

An existing stormwater detention basin is also located within the project area.

- b. Size (in acres):

Approximately 13.5 acres of wetlands.

The stormwater detention basin is approximately 1 acre in size.

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).

**20+ acres may be added to this acreage total if additional area is used/acquired from the adjacent reforestation parcel owned by Jefferson County*

- a. Total contiguous acreage owned or controlled by project sponsor: 1536* acres.
- b. Project acreage to be developed: ~34 acres initially; ~166 acres ultimately.
- c. Project acreage to remain undeveloped: 1390 acres.
- d. Length of project, in miles: N/A (if appropriate)
- e. If the project is an expansion, indicate percent of expansion proposed. ~87 %
- f. Number of off-street parking spaces existing N/A; proposed N/A
- g. Maximum vehicular trips generated per hour: 30-42 (upon completion of project)?
- h. If residential: Number and type of housing units:

	One Family	Two Family	Multiple Family	Condominium
Initially	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
Ultimately	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>

- i. Dimensions (in feet) of largest proposed structure: TBD height; TBD width; TBD length.
- j. Linear feet of frontage along a public thoroughfare project will occupy is? 0 ft.
2. How much natural material (i.e. rock, earth, etc.) will be removed from the site? TBD tons/cubic yards.

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

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

Waste disposal areas will be capped and seeded once landfilling activities are completed.
Soil borrow areas will be re-seeded once borrowing activities end to restore vegetative cover.

- 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? ~141 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 9 (number) 9th phase represents facility closure and capping

b. Anticipated date of commencement phase 1: _____ month 2018 year, (including demolition)

c. Approximate completion date of final phase: _____ month 2081 year. will vary, depending on actual rate of waste disposal

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 0

10. Number of jobs eliminated by this project 0.

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

If yes, explain:

Some groundwater monitoring well clusters may be relocated, if necessary, to avoid interference with the proposed landfill expansion. The existing perimeter road and litter fence will also be extended and possibly relocated in spots.

12. Is surface liquid waste disposal involved? Yes No

a. If yes, indicate type of waste (sewage, industrial, etc) and amount Leachate - approx. 18 million gallons per year

b. Name of water body into which effluent will be discharged Black River, after treatment at (C) Watertown's Wastewater Treatment Plant

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:

Construction will require additions to and/or relocation of existing man-made stormwater detention basins. Ephemeral and intermittent stream impacts will also occur during the buildout of the proposed landfill expansion.

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

**Incidental amounts of solid waste will be generated by landfill construction crews and operating staff*

a. If yes, what is the amount per month? <0.5 tons

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

c. If yes, give name Development Authority SWMF ; location Town of Rodman, New York

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? ~21,667 tons/month.

b. If yes, what is the anticipated site life? ~62 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

**To be determined based on additional noise studies.*

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

If yes, indicate type(s)

Minor increases in energy use associated with the expansion project construction and additional pump operation are anticipated.

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

23. Total anticipated water usage per day _____ gallons/day. Minimal water use associated with dust control at the site

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

If yes, explain:

Funding will be provided by the project owner (The Development Authority of the North Country).

25. Approvals Required:

			Type	Submittal Date
City, Town, Village Board	<input type="checkbox"/> Yes	<input type="checkbox"/> No	_____	_____
			_____	_____
			_____	_____
City, Town, Village Planning Board	<input type="checkbox"/> Yes	<input type="checkbox"/> No	_____	_____
			_____	_____
			_____	_____
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 checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<u>Jefferson County - Land</u>	_____
			<u>Transaction</u>	_____
			_____	_____
Other Regional Agencies	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<u>DANC Authorization</u>	_____
			<u>(public authority established</u>	_____
			<u>by the NYS Legislature)</u>	_____
			_____	_____
State Agencies	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<u>NYSDEC (Part 360, SPDES,</u>	<u>2014 - 2015</u>
			<u>Article 24, Sec. 401 WQC,</u>	_____
			<u>& air permit modification)</u>	_____
			_____	_____
Federal Agencies	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<u>US Army Corps of Eng.</u>	<u>March 2011</u>
			<u>(Sec. 404 Individual Permit)</u>	_____
			_____	_____

C. Zoning and Planning Information

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

If Yes, indicate decision required:

- | | | | |
|-------------------------------------------|---------------------------------------------|------------------------------------------------------|--------------------------------------|
| <input type="checkbox"/> Zoning amendment | <input 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?

The Town of Rodman has a development code, but no zoning codes or mapping.

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

N/A

4. What is the proposed zoning of the site?

N/A - no zoning is available for the Town of Rodman.

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

N/A

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

N/A - The Town of Rodman does not have a local land use plan.

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

Current land uses within 1/4 mile of the proposed action include solid waste landfill, residential properties, agricultural land, and rural (undeveloped) property. A portion of the adjacent rural (undeveloped) property includes the Jefferson County Reforestation parcel.



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 *No more than those already demanded by the existing SWMF (fire protection, emergency services)*

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

The proposed southern landfill expansion project will require a continuation of services from local emergency service providers.

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

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

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 James W. Wright Date 9/13/11

Signature 

Title Executive Director, Development Authority of the North Country

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

X	Any construction on slopes of 15% or greater, (15 foot rise per 100 foot of length), or where the general slopes in the project area exceed 10%.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
X	Construction on land where the depth to the water table is less than 3 feet.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
X	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
X	Construction on land where bedrock is exposed or generally within 3 feet of existing ground surface.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
X	Construction that will continue for more than 1 year or involve more than one phase or stage.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
X	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 checked="" type="checkbox"/>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

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

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

NO YES

X 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

X Developable area of site contains a protected water body.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
X 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
X Extension of utility distribution facilities through a protected water body.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
X Construction in a designated freshwater or tidal wetland.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
X Other impacts:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No

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

NO YES

Examples that would apply to column 2

X 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 checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
X 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
X Other impacts:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Proposed expansion will result in permanent impacts to wetland and stream resources that are not under the protection of NYSDEC, but that are protected under federal regulations by USACE.

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

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

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

The proposed project will result in adverse impacts to stream resources located within the Southern Expansion limits. Hydrology in this area will be re-routed around the expansion area and overall impacts to stream resources will be mitigated (included in the project's proposed mitigation strategy).

IMPACT ON AIR

7. Will Proposed Action affect air quality?

NO YES

Examples that would apply to column 2

- | | | | | |
|-----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|--------------------------|------------------------------|-----------------------------|
| X Proposed Action will induce 1,000 or more vehicle trips in any given hour. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| X 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 |
| X Emission rate of total contaminants will exceed 5 lbs. per hour or a heat source producing more than 10 million BTU's per hour. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| X 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 |
| X 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 |
| X Other impacts: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

Further review will be conducted to determine how the proposed expansion may affect air quality (i.e., existing methane gas emissions and collection, and landfill gas to energy processes).

IMPACT ON PLANTS AND ANIMALS

8. Will Proposed Action affect any threatened or endangered species?

NO * YES

Examples that would apply to column 2

- | | | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------------------|------------------------------|-----------------------------|
| X Reduction of one or more species listed on the New York or Federal list, using the site, over or near the site, or found on the site. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------------------|------------------------------|-----------------------------|

* - Significant impacts are not anticipated, but further coordination and field analyses are needed and will be completed to support this determination.

	1 Small to Moderate Impact	2 Potential Large Impact	3 Can Impact Be Mitigated by Project Change
X Removal of any portion of a critical or significant wildlife habitat.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
X 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
X Other impacts:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No

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

NO YES

Examples that would apply to column 2

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

IMPACT ON AGRICULTURAL LAND RESOURCES

10. Will Proposed Action affect agricultural land resources?

NO YES

Examples that would apply to column 2

X 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
X 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
X The Proposed Action would irreversibly convert more than 10 acres of agricultural land or, if located in an Agricultural District, more than 2.5 acres of agricultural land.	<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
X The Proposed Action would disrupt or prevent installation of agricultural land management systems (e.g., subsurface drain lines, outlet ditches, strip cropping); or create a need for such measures (e.g. cause a farm field to drain poorly due to increased runoff).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
X Other impacts:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No

IMPACT ON AESTHETIC RESOURCES

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

NO YES

Examples that would apply to column 2

X Proposed land uses, or project components obviously different from or in sharp contrast to current surrounding land use patterns, whether man-made or natural.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
X Proposed land uses, or project components visible to users of aesthetic resources which will eliminate or significantly reduce their enjoyment of the aesthetic qualities of that resource.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
X 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
X Other impacts:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No

IMPACT ON HISTORIC AND ARCHAEOLOGICAL RESOURCES

12. Will Proposed Action impact any site or structure of historic, prehistoric or paleontological importance?

NO YES

Examples that would apply to column 2

X Proposed Action occurring wholly or partially within or substantially contiguous to any facility or site listed on the State or National Register of historic places.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
X 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
X Proposed Action will occur in an area designated as sensitive for archaeological sites on the NYS Site Inventory.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

IMPACT ON OPEN SPACE AND RECREATION

13. Will proposed Action affect the quantity or quality of existing or future open spaces or recreational opportunities?

NO YES

Examples that would apply to column 2

X The permanent foreclosure of a future recreational opportunity. Yes No

X A major reduction of an open space important to the community. Yes No

X Other impacts: Yes No

IMPACT ON CRITICAL ENVIRONMENTAL AREAS

14. Will Proposed Action impact the exceptional or unique characteristics of a critical environmental area (CEA) established pursuant to subdivision 6NYCRR 617.14(g)?

NO YES

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

Examples that would apply to column 2

X Proposed Action to locate within the CEA? Yes No

X Proposed Action will result in a reduction in the quantity of the resource? Yes No

X Proposed Action will result in a reduction in the quality of the resource? Yes No

X Proposed Action will impact the use, function or enjoyment of the resource? Yes No

X Other impacts: Yes No

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

IMPACT ON TRANSPORTATION

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

NO YES

Examples that would apply to column 2

- | | | | | |
|----------------------------------------------------------------------|--------------------------|--------------------------|------------------------------|-----------------------------|
| X 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 |
| X Proposed Action will result in major traffic problems. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| X Other impacts: | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

IMPACT ON ENERGY

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

NO YES

Examples that would apply to column 2

- | | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------------------|------------------------------|-----------------------------|
| X 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 |
| X Proposed Action will require the creation or extension of an energy transmission or supply system to serve more than 50 single or two family residences or to serve a major commercial or industrial use. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| X 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

- | | | | | |
|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------|--------------------------|-----------------------------------------|----------------------------------------|
| X 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 |
| X Odors will occur routinely (more than one hour per day). | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| X Proposed Action will produce operating noise exceeding the local ambient noise levels for noise outside of structures. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| X Proposed Action will remove natural barriers that would act as a noise screen. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| X Other impacts: | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

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

IMPACT ON PUBLIC HEALTH

18. Will Proposed Action affect public health and safety?

NO YES

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

**IMPACT ON GROWTH AND CHARACTER
OF COMMUNITY OR NEIGHBORHOOD**

19. Will Proposed Action affect the character of the existing community?

NO YES

Examples that would apply to column 2

- | | | | | | |
|---|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------------------|------------------------------|-----------------------------|
| X | The permanent population of the city, town or village in which the project is located is likely to grow by more than 5%. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| X | The municipal budget for capital expenditures or operating services will increase by more than 5% per year as a result of this project. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| X | Proposed Action will conflict with officially adopted plans or goals. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| X | Proposed Action will cause a change in the density of land use. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| X | Proposed Action will replace or eliminate existing facilities, structures or areas of historic importance to the community. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| X | Development will create a demand for additional community services (e.g. schools, police and fire, etc.) | <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
X Proposed Action will set an important precedent for future projects.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
X Proposed Action will create or eliminate employment.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
X Other impacts:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No

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

NO YES

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

Part 3 - EVALUATION OF THE IMPORTANCE OF IMPACTS

Responsibility of Lead Agency

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

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

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

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

To answer the question of importance, consider:

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

Part 2 of this SEQRA Environmental Assessment Form (EAF) indicates multiple areas in which potentially significant and/or important impacts may occur as a result of the Proposed Southern Expansion of the Development Authority of the North Country's Solid Waste Management Facility. These potential impact areas include land, water, air, plants and animals, aesthetic resources, historic and archaeological resources, noise and odor, public health, and growth or character of community or neighborhood. These potential impacts will continue to be examined and reviewed through the completion of additional fieldwork, the progression of general site details and plans, and the continued progression of the SEQRA environmental review process. The lead agency, Development Authority of the North Country, recognizes that project elements may result in significant adverse impacts on the environment. The significance determination for this project will result in the issuance of a positive declaration, resulting in the completion of a Draft Environmental Impact Statement (DEIS) in the future. A detailed look at all potential impacts and feasible mitigative measures will be accomplished during the completion of the DEIS. Because a DEIS will be prepared, details regarding all potentially large impacts identified in Part 2 of the EAF are not discussed here (Part 3), but will be analyzed and included in future steps of the DEIS process.

