



Town of Brookhaven Long Island

Edward P. Romaine, Supervisor

Date: September 15, 2020

Re: SEQRA Public Scoping
Proposed *Regional Recovery and Recycling Residue Facility (RRRF)*
at the Town of Brookhaven Solid Waste Management Facility (SWMF)
Yaphank, Town of Brookhaven, Suffolk County, NY

The Town Board of the Town of Brookhaven, as the SEQR Lead Agency, has determined that the proposed action described above may have a significant impact on the environment and that a Draft Environmental Impact Statement (DEIS) should be prepared. A copy of the August 27, 2020 Town Board Resolution adopting a positive declaration for the above-mentioned action, Parts 2 and 3 of the Environmental Assessment Form (EAF), and a proposed Draft Scope document are attached for your consideration.

The Draft Scope document is posted on the Town's website at:

<https://www.brookhavenny.gov/DocumentCenter/View/22665/Draft-Scoping-Document-for-the-Brookhaven-Regional-Recovery-and-Recycling-Residual-Facility> and a scoping meeting to provide public participation to identify the potentially adverse impacts related to the proposed action and to receive comments in general will be held on **Thursday, October 1, 2020, from 5:00 p.m. to 7:00 p.m. and streamed live over the internet at <http://www.brookhavenny.gov/join>**.

At said public scoping, any persons interested shall be given the opportunity to be heard. Anyone interested in commenting on the proposal may communicate with the Town Board during this time via "chat" or "Q&A" function at "BrookhavenNY.gov/join"

Kindly forward any findings or concerns you may have regarding this proposal, particularly with respect to your areas of expertise and jurisdiction, which would enhance the utilization of this site or provide additional protection to the community. All correspondence should be forwarded to this Department for distribution to the lead agency. Thank you.

Department of Planning, Environment and Land Management
Beth Ann Reilly, Esq., Commissioner

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ADOPTED
BY THE BROOKHAVEN TOWN BOARD

RESOLUTION NO. 2020-0480
MEETING: AUGUST 27, 2020

DESIGNATING BROOKHAVEN TOWN BOARD AS LEAD AGENCY AND ADOPTING A POSITIVE DECLARATION FOR THE CONSTRUCTION OF A REGIONAL RECOVERY AND RECYCLING FACILITY (RRRF) AT THE TOWN OF BROOKHAVEN SOLID WASTE MANAGEMENT FACILITY (SWMF) IN YAPHANK, NEW YORK

WHEREAS, the Town Board is presently considering a project to construct a Regional Recovery and Recycling Facility (RRRF), and associated infrastructure, at the Town of Brookhaven Solid Waste Management Facility (SWMF); and

WHEREAS, the Regional Recovery and Recycling Facility (RRRF) will be constructed East of the Town of Brookhaven Solid Waste Management Facility (SWMF) and comprise approximately 121 acres; and

WHEREAS, the Department of Planning, Environment and Land Management (PELM) has conducted a review of the project submitted with respect to said proposed action; and

WHEREAS, as set forth in 6 NYCRR Part 617.4 and Part 617.7, the proposed action is a Type I Action and is more likely to have a potentially significant adverse impact on the environment, and, therefore, more likely to require the preparation of an Environmental impact Statement (EIS); and

WHEREAS, the preparation of a Draft Environmental Impact Statement (DEIS) for the proposed Regional Recovery and Recycling Facility (RRRF), and associated infrastructure, at the Town of Brookhaven Solid Waste Management Facility (SWMF),

will provide the best means to systematically consider significant adverse environmental impacts, alternatives, and mitigation, and to facilitate the weighing of social, economic, and environmental factors; and

WHEREAS, the Town of Brookhaven, pursuant to the State Environmental Quality Review Act (SEQRA) is the Lead Agency for the proposed Action.

NOW, THEREFORE BE IT RESOLVED that the Town Board of the Town of Brookhaven, as Lead Agency, hereby adopts the Positive Declaration for the proposed construction of a Regional Recovery and Recycling Facility (RRRF), and associated infrastructure, at the Town of Brookhaven Solid Waste Management Facility (SWMF), a copy of which is attached hereto, which requires the preparation of a Draft Environmental Impact Statement (DEIS) to address all relevant environmental issues; and be it further

RESOLVED, that the Town of Brookhaven will undertake public scoping of the Draft Environmental Impact Statement in the Brookhaven Town Hall Media Room, Second Floor, Brookhaven Town Hall, One Independence Hill, Farmingville, New York, or a virtual public scoping will be held by the Town of Brookhaven, and streamed live over the internet at <http://brookhaventownny.iqm2.com/Citizens/Default.aspx> on Thursday, October 1, 2020, from 5:00 p.m. to 7:00 p.m. A link to the virtual public scoping will be made available on the Town of Brookhaven website (<http://www.Brookhavenny.gov>) on the date of the hearing. At said public scoping, any persons interested shall be given the opportunity to be heard. In the event that this is a virtual public scoping, anyone interested in commenting on the proposal may communicate with the Town Board during this time via “chat” or “Q&A” function at “BrookhavenNY.gov/join”; and be it further

RESOLVED, that a Draft Scoping Document will be prepared and forwarded to all Involved and Interested Agencies and any person requesting a copy and posted on the Town of Brookhaven website <http://www.brookhavenny.gov>. Notice of the time and place of the public scoping will be forwarded to all Involved and Interested Agencies, published in the official newspapers of the Town of Brookhaven, and will be posted on the Town of Brookhaven's website <http://www.brookhavenny.gov>. After receiving comments on the Draft Scope, the Town of Brookhaven intends to issue a Final Scope, which will direct the content of the Draft Environmental Impact Statement; and be it further

RESOLVED, that the Commissioner of PELM is authorized to accept and approve the Final Scoping document provided that it is in conformance with all SEQRA regulations, satisfactorily addresses the issues raised in the Positive Declaration and to distribute it as required including posting the Final Scoping document on the Town's website.

**STATE ENVIRONMENTAL QUALITY REVIEW ACT (SEQRA)
DETERMINATION OF SIGNIFICANCE
POSITIVE DECLARATION
NOTICE OF INTENT TO PREPARE A
DRAFT ENVIRONMENTAL IMPACT STATEMENT (DEIS)
PROPOSED REGIONAL RECOVERY AND RECYCLING RESIDUE FACILITY (RRRF) AT THE TOWN OF
BROOKHAVEN SOLID WASTE MANAGEMENT FACILITY (SWMF)
HAMLET OF YAPHANK
TOWN OF BROOKHAVEN, SUFFOLK COUNTY, NEW YORK**

Date: August 27, 2020

This Notice is issued pursuant to Article 8 of the Environmental Conservation Law (State Environmental Quality Review Act) and the implementing regulations set forth in 6 NYCRR Part 617.

The Town Board of the Town of Brookhaven (hereinafter the "Town Board"), as lead agency, has determined that the proposed action described below may have significant effect on the environment and that a Draft Environmental Impact Statement (DEIS) will be prepared.

Name of Action: Proposed Regional Recovery and Recycling Residue Facility (RRRF) at the Town of Brookhaven Solid Waste Management Facility (SWMF)

Project Location: Approximately 121 acres, east of the 270-acre Brookhaven Landfill
Town of Brookhaven SWMF
350 Horseblock Road, hamlet of Yaphank, Town of Brookhaven, Suffolk County

SEQR Status: Type I

Description of Action: The Town of Brookhaven is proposing to construct a Regional Recovery and Recycling Residue Facility ("RRRF") and associated infrastructure (the "Proposed Action" or "Project") in the eastern portion of the 534±-acre Brookhaven Solid Waste Management Facility (the "Existing SWMF"). The Proposed Action, which has been designed to be in compliance with the regulations promulgated by the New York State Department of Environmental Conservation (NYSDEC) in 6 NYCRR Parts 360-366, Solid Waste Management, will be constructed on approximately 121 acres (the "Project Site") that is distinct and separate from the disposal cells of the existing 270±-acre Town Landfill (the only remaining active portion is referred to as "Cell 6") located about 1,000 feet to west of the proposed site, within the Existing SWMF.

The Project Site would contain a 59±-acre area that will comprise the Regional RRRF waste footprint. The remainder of the Project Site will consist of the Regional RRRF's necessary infrastructure of internal roads and dedicated stormwater pre-treatment and infiltration basins, as well as a dedicated leachate collection and processing facility with an associated loading bay to facilitate leachate transport off-site. Other than site access and worker parking, all activities associated with the operation of the proposed Regional RRRF would be fully contained within the Project Site. The proposed perimeter roadway would be connected to the network of existing roadways on the Existing SWMF property. The Project Site would be accessed via an existing curb cut on Horseblock Road. Trucks servicing the Project Site would enter from Horseblock

SEQRA Positive Declaration
Town of Brookhaven
Proposed Regional Recovery and Recycling Facility at the Town of Brookhaven
Solid Waste Management Facility

Page 2

Road, continue west after stopping at the existing scale house facility (for weighing), and then continue south, entering the Project Site from the west. Otherwise, the proposed RRRF and the remainder of the existing SWMF are discrete and independent from each other.

Currently, ash residue generated from local Waste-to-Energy (WTE) plants ("WTE ash"), as well as Construction & Demolition (C&D) debris, comprise the majority of the material accepted at the existing Town Landfill, which is anticipated to close in 2024, when it will have reached its design life. The purpose of the proposed Regional RRRF is to be a regional repository for WTE ash, a clean, renewable energy source, thereby reducing the potential reliance on landfills for future disposal of municipal solid waste (MSW).

The proposed 59-acre waste footprint at the proposed Regional RRRF is classified and would be permitted as a landfill under the NYSDEC solid waste regulations. The proposed Regional RRRF would replace the WTE ash disposal capability of Cell 6 of the existing Town Landfill (closing in 2024). The new Regional RRRF would be constructed of several parts, called "cells" that will accept only ash residue, recycling residues such as glass cullet and auto shredder material, and limited amounts of dredge spoils. The Regional RRRF will not accept any C&D materials, with the exception of de minimis amounts of materials generated by Town governmental operations (such as soil, gravel and/or concrete aggregate) that will be considered for acceptance. Under no circumstances will Alternative Operating Cover generated from C&D materials be utilized in the proposed facility. The proposed facility may also utilize NYSDEC-approved Pre-Determined Beneficial Use Determination (BUD) materials for operational needs pursuant to the regulations contained within 6 NYCRR Part 360.12. The proposed facility will serve approximately 614,000 households, and 1.9± million residents of the Towns of Hempstead, Brookhaven, Huntington, Smithtown, and Islip (about two-thirds of Nassau and Suffolk Counties' households). In total, the Proposed Project will provide up to 11± million cubic yards of capacity.

The proposed Regional RRRF would provide a number of public benefits, not only for Brookhaven and neighboring Towns in Suffolk County, but for the Long Island region. First, the proposed Regional RRRF would continue to provide on-island disposal capacity at a location adjacent to where it is currently disposed. It is expected that implementation of the proposed action will offset many of the deleterious regional solid waste impacts that are expected to occur with the closure of Cell 6, ultimately resulting in less truck traffic leaving Long Island and, consequently, lower emission levels and pollution. Moreover, the Regional RRRF will help to keep finances stable and lessen the financial impact on Long Island residents and businesses, especially those within the Town of Brookhaven. Operation of the Regional RRRF in Brookhaven would allow the Town to retain a portion of the revenue it currently generates from operation of the Cell 6.

Overall, implementation of the proposed action would allow Brookhaven to provide a long term, sustainable, resilient source of WTE ash management for Long Island, which is necessary to allow the Region to continue converting their waste to clean, renewable energy, to reduce reliance on fossil fuels and to provide a significant contribution to solving the regional solid waste challenges facing Long Island.

Reasons Supporting This Determination: The Town Board, in reviewing the proposed action, using

**SEQRA Positive Declaration
Town of Brookhaven
Proposed Regional Recovery and Recycling Facility at the Town of Brookhaven
Solid Waste Management Facility**

Page 3

the available information and comparing it with the thresholds set forth at 6 NYCRR §§617.4 and 617.5, has determined that the proposed action is a Type I action. The Town Board, as lead agency and after review and analysis of the proposed action, the issues and areas of environmental concern identified in Parts 1, 2 and 3 of the Environmental Assessment Form, the criteria contained in 6 NYCRR §617.7(c) and other supporting information, finds that the proposed action may have a significant effect upon the environment and that a DEIS should be prepared to evaluate the potential impacts resulting from the proposed Regional RRRF. This determination is supported by the following:

Impacts to Land

1. There will be on-going land disturbance associated with Regional RRRF operations.

Impacts to Water Resources

2. Stormwater will be generated, which must be properly addressed in order to minimize potential impacts. In addition, leachate will be generated, which must be properly collected and treated in order to minimize potential impacts to water resources.

Impacts to Air

3. There is a potential for dust generation, which must be properly controlled.

Impacts to Plants and Animals

4. Some clearing of vegetation is required. The effects on vegetation and wildlife must be assessed.

Impacts to Transportation

5. Materials will be transported to and from the Regional RRRF, and the impacts therefrom must be evaluated.

Impacts on Aesthetic Resources

6. The proposed Regional RRRF has the potential to be visible year-round to residents and users of area roadways and other publicly-accessible facilities, when it approaches and reaches capacity.

Impacts to Archaeological Resources

7. A small portion of the property, where a stormwater management feature is proposed, is located in an area of archaeological sensitivity as noted on the New York State Historic Preservation Office archaeological site inventory. Accordingly, potential impacts to archaeological resources must be examined.

**SEQRA Positive Declaration
Town of Brookhaven
Proposed Regional Recovery and Recycling Facility at the Town of Brookhaven
Solid Waste Management Facility**

Page 4

Impacts to Noise & Odor

8. Operations of the proposed Regional RRRF will generate noise, which must be assessed.
9. Although the proposed facility will be handling materials with limited odor potential, odor controls must be put in place, as applicable, to ensure potential impacts are properly controlled.

Impacts to Human Health

10. Day-to-day operations of a new solid waste management facility have the potential to impact human health and these impacts must be assessed.

Consistency with Community Character

11. While the proposed Regional RRRF is consistent with the pattern of existing development in the surrounding community, it is not consistent with the character of the existing natural landscape, which must be evaluated.
12. The proposed Regional RRRF is proximate to a Potential Environmental Justice Area, and potential impacts that may result from the proposed action must be assessed.

Scoping:

The lead agency has determined that formal scoping will be conducted and a public scoping meeting will be held, as follows:

Thursday, October 1 , 2020, from 5: 00 p. m. to 7: 00 p. m.

Brookhaven Town Hall Media Room, Second Floor, Brookhaven Town Hall, One Independence Hill, Farmingville, New York, or a virtual public scoping will be held by the Town of Brookhaven and streamed live over the internet at <http://brookhaventownny.igm2.com/Citizens/Default.aspx>

A link to the virtual public scoping will be made available on the Town of Brookhaven website ([http:// www. Brookhavenny.gov](http://www.Brookhavenny.gov)) on the date of the hearing. At said public scoping, any persons interested shall be given the opportunity to be heard. In the event that this is a virtual public scoping, anyone interested in commenting on the proposal may communicate with the Town Board during this time via "chat" or "Q& A" function at "BrookhavenNY.gov/join"

**SEQRA Positive Declaration
Town of Brookhaven
Proposed Regional Recovery and Recycling Facility at the Town of Brookhaven
Solid Waste Management Facility**

Page 5

For Further Information:

Contact Person: Christopher Andrade, Commissioner, Department of Recycling & Sustainable Materials Management

Address: 1 Independence Hill
Farmingville, NY 11738

Telephone No.: (631) 451-8696

A Copy of this Notice has been Sent To:

Supervisor Edward P. Romaine and Members of the Town Board, Town of Brookhaven

Susan Ackerman, Regional Permit Administrator, New York State Department of Environmental Conservation

Office of Planning and Development, New York State Department of State

Gregson H. Pigott, MD, MPH, Commissioner, Suffolk County Department of Health Services

Craig A. Platt, Secretary, Suffolk County Sewer Agency

Darnell Tyson, Deputy Commissioner, Suffolk County Department of Public Works

Ted Kiladitis, Manager, AF NYARTCC, Federal Aviation Administration

Edward M. Aldrich, Licensing and Permitting, Project Manager, PSEG-Long Island

This Notice has also been forwarded for publication in the Environmental Notice Bulletin.

Full Environmental Assessment Form
Part 2 - Identification of Potential Project Impacts

Project : _____
 Date : _____

Part 2 is to be completed by the lead agency. Part 2 is designed to help the lead agency inventory all potential resources that could be affected by a proposed project or action. We recognize that the lead agency's reviewer(s) will not necessarily be environmental professionals. So, the questions are designed to walk a reviewer through the assessment process by providing a series of questions that can be answered using the information found in Part 1. To further assist the lead agency in completing Part 2, the form identifies the most relevant questions in Part 1 that will provide the information needed to answer the Part 2 question. When Part 2 is completed, the lead agency will have identified the relevant environmental areas that may be impacted by the proposed activity.

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

Tips for completing Part 2:

- Review all of the information provided in Part 1.
- Review any application, maps, supporting materials and the Full EAF Workbook.
- Answer each of the 18 questions in Part 2.
- If you answer “**Yes**” to a numbered question, please complete all the questions that follow in that section.
- If you answer “**No**” to a numbered question, move on to the next numbered question.
- Check appropriate column to indicate the anticipated size of the impact.
- Proposed projects that would exceed a numeric threshold contained in a question should result in the reviewing agency checking the box “Moderate to large impact may occur.”
- The reviewer is not expected to be an expert in environmental analysis.
- If you are not sure or undecided about the size of an impact, it may help to review the sub-questions for the general question and consult the workbook.
- When answering a question consider all components of the proposed activity, that is, the “whole action”.
- Consider the possibility for long-term and cumulative impacts as well as direct impacts.
- Answer the question in a reasonable manner considering the scale and context of the project.

1. Impact on Land			
Proposed action may involve construction on, or physical alteration of, the land surface of the proposed site. (See Part 1. D.1)		<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES
<i>If “Yes”, answer questions a - j. If “No”, move on to Section 2.</i>			
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may involve construction on land where depth to water table is less than 3 feet.	E2d	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may involve construction on slopes of 15% or greater.	E2f	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may involve construction on land where bedrock is exposed, or generally within 5 feet of existing ground surface.	E2a	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may involve the excavation and removal of more than 1,000 tons of natural material.	D2a	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may involve construction that continues for more than one year or in multiple phases.	D1e	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f. The proposed action may result in increased erosion, whether from physical disturbance or vegetation removal (including from treatment by herbicides).	D2e, D2q	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g. The proposed action is, or may be, located within a Coastal Erosion hazard area.	B1i	<input checked="" type="checkbox"/>	<input type="checkbox"/>
h. Other impacts: There will be on-going land disturbance on the Project Site associated with the Regional RRRF (see Part 3 EAF).		<input type="checkbox"/>	<input checked="" type="checkbox"/>

2. Impact on Geological Features

The proposed action may result in the modification or destruction of, or inhibit access to, any unique or unusual land forms on the site (e.g., cliffs, dunes, minerals, fossils, caves). (See Part 1. E.2.g)

 NO YES

If "Yes", answer questions a - c. If "No", move on to Section 3.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Identify the specific land form(s) attached: _____ _____	E2g	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may affect or is adjacent to a geological feature listed as a registered National Natural Landmark. Specific feature: _____	E3c	<input type="checkbox"/>	<input type="checkbox"/>
c. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

3. Impacts on Surface Water

The proposed action may affect one or more wetlands or other surface water bodies (e.g., streams, rivers, ponds or lakes). (See Part 1. D.2, E.2.h)

 NO YES

If "Yes", answer questions a - l. If "No", move on to Section 4.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may create a new water body.	D2b, D1h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in an increase or decrease of over 10% or more than a 10 acre increase or decrease in the surface area of any body of water.	D2b	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may involve dredging more than 100 cubic yards of material from a wetland or water body.	D2a	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may involve construction within or adjoining a freshwater or tidal wetland, or in the bed or banks of any other water body.	E2h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may create turbidity in a waterbody, either from upland erosion, runoff or by disturbing bottom sediments.	D2a, D2h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. The proposed action may include construction of one or more intake(s) for withdrawal of water from surface water.	D2c	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g. The proposed action may include construction of one or more outfall(s) for discharge of wastewater to surface water(s).	D2d	<input checked="" type="checkbox"/>	<input type="checkbox"/>
h. The proposed action may cause soil erosion, or otherwise create a source of stormwater discharge that may lead to siltation or other degradation of receiving water bodies.	D2e	<input type="checkbox"/>	<input checked="" type="checkbox"/>
i. The proposed action may affect the water quality of any water bodies within or downstream of the site of the proposed action.	E2h	<input type="checkbox"/>	<input checked="" type="checkbox"/>
j. The proposed action may involve the application of pesticides or herbicides in or around any water body.	D2q, E2h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
k. The proposed action may require the construction of new, or expansion of existing, wastewater treatment facilities.	D1a, D2d	<input checked="" type="checkbox"/>	<input type="checkbox"/>

l. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>
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4. Impact on groundwater The proposed action may result in new or additional use of ground water, or may have the potential to introduce contaminants to ground water or an aquifer. <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES (See Part 1. D.2.a, D.2.c, D.2.d, D.2.p, D.2.q, D.2.t) <i>If "Yes", answer questions a - h. If "No", move on to Section 5.</i>			
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may require new water supply wells, or create additional demand on supplies from existing water supply wells.	D2c	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Water supply demand from the proposed action may exceed safe and sustainable withdrawal capacity rate of the local supply or aquifer. Cite Source: _____	D2c	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may allow or result in residential uses in areas without water and sewer services.	D1a, D2c	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may include or require wastewater discharged to groundwater.	D2d, E2l	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may result in the construction of water supply wells in locations where groundwater is, or is suspected to be, contaminated.	D2c, E1f, E1g, E1h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. The proposed action may require the bulk storage of petroleum or chemical products over ground water or an aquifer.	D2p, E2l	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g. The proposed action may involve the commercial application of pesticides within 100 feet of potable drinking water or irrigation sources.	E2h, D2q, E2l, D2c	<input checked="" type="checkbox"/>	<input type="checkbox"/>
h. Other impacts: <u>Leachate will be generated by the operations of the Regional RRRF, which must be properly controlled. (see Part 3 EAF)</u>		<input type="checkbox"/>	<input checked="" type="checkbox"/>

5. Impact on Flooding The proposed action may result in development on lands subject to flooding. <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES (See Part 1. E.2) <i>If "Yes", answer questions a - g. If "No", move on to Section 6.</i>			
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in development in a designated floodway.	E2i	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in development within a 100 year floodplain.	E2j	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may result in development within a 500 year floodplain.	E2k	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may result in, or require, modification of existing drainage patterns.	D2b, D2e	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e. The proposed action may change flood water flows that contribute to flooding.	D2b, E2i, E2j, E2k	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. If there is a dam located on the site of the proposed action, is the dam in need of repair, or upgrade?	E1e	<input checked="" type="checkbox"/>	<input type="checkbox"/>

g. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>
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6. Impacts on Air			
The proposed action may include a state regulated air emission source. (See Part 1. D.2.f., D.2.h, D.2.g) <i>If "Yes", answer questions a - f. If "No", move on to Section 7.</i>		<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. If the proposed action requires federal or state air emission permits, the action may also emit one or more greenhouse gases at or above the following levels:			
i. More than 1000 tons/year of carbon dioxide (CO ₂)	D2g	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ii. More than 3.5 tons/year of nitrous oxide (N ₂ O)	D2g	<input checked="" type="checkbox"/>	<input type="checkbox"/>
iii. More than 1000 tons/year of carbon equivalent of perfluorocarbons (PFCs)	D2g	<input checked="" type="checkbox"/>	<input type="checkbox"/>
iv. More than .045 tons/year of sulfur hexafluoride (SF ₆)	D2g	<input checked="" type="checkbox"/>	<input type="checkbox"/>
v. More than 1000 tons/year of carbon dioxide equivalent of hydrochloroflourocarbons (HFCs) emissions	D2g	<input checked="" type="checkbox"/>	<input type="checkbox"/>
vi. 43 tons/year or more of methane	D2h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may generate 10 tons/year or more of any one designated hazardous air pollutant, or 25 tons/year or more of any combination of such hazardous air pollutants.	D2g	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may require a state air registration, or may produce an emissions rate of total contaminants that may exceed 5 lbs. per hour, or may include a heat source capable of producing more than 10 million BTU's per hour.	D2f, D2g	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may reach 50% of any of the thresholds in "a" through "c", above.	D2g	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may result in the combustion or thermal treatment of more than 1 ton of refuse per hour.	D2s	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. Other impacts: There is a potential for dust generation, which must be properly controlled (see Part 3 EAF) _____		<input type="checkbox"/>	<input checked="" type="checkbox"/>

7. Impact on Plants and Animals			
The proposed action may result in a loss of flora or fauna. (See Part 1. E.2. m.-q.) <i>If "Yes", answer questions a - j. If "No", move on to Section 8.</i>		<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may cause reduction in population or loss of individuals of any threatened or endangered species, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site.	E2o	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in a reduction or degradation of any habitat used by any rare, threatened or endangered species, as listed by New York State or the federal government. Northern Long-Eared Bat (See Part 3 - EAF)	E2o	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. The proposed action may cause reduction in population, or loss of individuals, of any species of special concern or conservation need, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site.	E2p	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may result in a reduction or degradation of any habitat used by any species of special concern and conservation need, as listed by New York State or the Federal government. Eastern Box Turtle (see Part 3 EAF)	E2p	<input type="checkbox"/>	<input checked="" type="checkbox"/>

e. The proposed action may diminish the capacity of a registered National Natural Landmark to support the biological community it was established to protect.	E3c	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. The proposed action may result in the removal of, or ground disturbance in, any portion of a designated significant natural community. Source: _____	E2n	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g. The proposed action may substantially interfere with nesting/breeding, foraging, or over-wintering habitat for the predominant species that occupy or use the project site.	E2m	<input checked="" type="checkbox"/>	<input type="checkbox"/>
h. The proposed action requires the conversion of more than 10 acres of forest, grassland or any other regionally or locally important habitat. Habitat type & information source: _____	E1b	<input checked="" type="checkbox"/>	<input type="checkbox"/>
i. Proposed action (commercial, industrial or recreational projects, only) involves use of herbicides or pesticides.	D2q	<input checked="" type="checkbox"/>	<input type="checkbox"/>
j. Other impacts: _____		<input checked="" type="checkbox"/>	<input type="checkbox"/>

8. Impact on Agricultural Resources

The proposed action may impact agricultural resources. (See Part 1. E.3.a. and b.)

 NO YES*If "Yes", answer questions a - h. If "No", move on to Section 9.*

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may impact soil classified within soil group 1 through 4 of the NYS Land Classification System.	E2c, E3b	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may sever, cross or otherwise limit access to agricultural land (includes cropland, hayfields, pasture, vineyard, orchard, etc).	E1a, E1b	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may result in the excavation or compaction of the soil profile of active agricultural land.	E3b	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may irreversibly convert agricultural land to non-agricultural uses, either more than 2.5 acres if located in an Agricultural District, or more than 10 acres if not within an Agricultural District.	E1b, E3a	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may disrupt or prevent installation of an agricultural land management system.	E1 a, E1b	<input type="checkbox"/>	<input type="checkbox"/>
f. The proposed action may result, directly or indirectly, in increased development potential or pressure on farmland.	C2c, C3, D2c, D2d	<input type="checkbox"/>	<input type="checkbox"/>
g. The proposed project is not consistent with the adopted municipal Farmland Protection Plan.	C2c	<input type="checkbox"/>	<input type="checkbox"/>
h. Other impacts: _____		<input type="checkbox"/>	<input type="checkbox"/>

9. Impact on Aesthetic Resources
 The land use of the proposed action are obviously different from, or are in sharp contrast to, current land use patterns between the proposed project and a scenic or aesthetic resource. (Part 1. E.1.a, E.1.b, E.3.h.)
If "Yes", answer questions a - g. If "No", go to Section 10.

NO YES

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Proposed action may be visible from any officially designated federal, state, or local scenic or aesthetic resource.	E3h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in the obstruction, elimination or significant screening of one or more officially designated scenic views.	E3h, C2b	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may be visible from publicly accessible vantage points: i. Seasonally (e.g., screened by summer foliage, but visible during other seasons) ii. Year round When the proposed Regional RRRF approaches and reaches capacity.	E3h	<input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
d. The situation or activity in which viewers are engaged while viewing the proposed action is: i. Routine travel by residents, including travel to and from work ii. Recreational or tourism based activities	E3h E2q, E1c	<input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
e. The proposed action may cause a diminishment of the public enjoyment and appreciation of the designated aesthetic resource.	E3h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. There are similar projects visible within the following distance of the proposed project: 0-1/2 mile Project Site adjacent to Existing Town Landfill 1/2 -3 mile 3-5 mile 5+ mile	D1a, E1a, D1f, D1g	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

10. Impact on Historic and Archeological Resources
 The proposed action may occur in or adjacent to a historic or archaeological resource. (Part 1. E.3.e, f. and g.)
If "Yes", answer questions a - e. If "No", go to Section 11.

NO YES

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may occur wholly or partially within, or substantially contiguous to, any buildings, archaeological site or district which is listed on the National or State Register of Historical Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places.	E3e	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may occur wholly or partially within, or substantially contiguous to, an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory. *	E3f	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. The proposed action may occur wholly or partially within, or substantially contiguous to, an archaeological site not included on the NY SHPO inventory. Source: _____	E3g	<input checked="" type="checkbox"/>	<input type="checkbox"/>

* A small portion of the property where a stormwater management feature is proposed is located in an area of archaeological sensitivity as noted on the SHPO archaeological site inventory.

d. Other impacts: _____ _____		<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. If any of the above (a-d) are answered "Moderate to large impact may occur", continue with the following questions to help support conclusions in Part 3:			
i. The proposed action may result in the destruction or alteration of all or part of the site or property.	E3e, E3g, E3f	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ii. The proposed action may result in the alteration of the property's setting or integrity.	E3e, E3f, E3g, E1a, E1b	<input checked="" type="checkbox"/>	<input type="checkbox"/>
iii. The proposed action may result in the introduction of visual elements which are out of character with the site or property, or may alter its setting.	E3e, E3f, E3g, E3h, C2, C3	<input checked="" type="checkbox"/>	<input type="checkbox"/>

11. Impact on Open Space and Recreation			
The proposed action may result in a loss of recreational opportunities or a reduction of an open space resource as designated in any adopted municipal open space plan. (See Part 1. C.2.c, E.1.c., E.2.q.) <i>If "Yes", answer questions a - e. If "No", go to Section 12.</i>		<input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in an impairment of natural functions, or "ecosystem services", provided by an undeveloped area, including but not limited to stormwater storage, nutrient cycling, wildlife habitat.	D2e, E1b E2h, E2m, E2o, E2n, E2p	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in the loss of a current or future recreational resource.	C2a, E1c, C2c, E2q	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may eliminate open space or recreational resource in an area with few such resources.	C2a, C2c E1c, E2q	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may result in loss of an area now used informally by the community as an open space resource.	C2c, E1c	<input type="checkbox"/>	<input type="checkbox"/>
e. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

12. Impact on Critical Environmental Areas			
The proposed action may be located within or adjacent to a critical environmental area (CEA). (See Part 1. E.3.d) <i>If "Yes", answer questions a - c. If "No", go to Section 13.</i>		<input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in a reduction in the quantity of the resource or characteristic which was the basis for designation of the CEA.	E3d	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in a reduction in the quality of the resource or characteristic which was the basis for designation of the CEA.	E3d	<input type="checkbox"/>	<input type="checkbox"/>
c. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

13. Impact on Transportation

The proposed action may result in a change to existing transportation systems.

 NO YES

(See Part 1. D.2.j)

If "Yes", answer questions a - f. If "No", go to Section 14.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Projected traffic increase may exceed capacity of existing road network.	D2j	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in the construction of paved parking area for 500 or more vehicles.	D2j	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. The proposed action will degrade existing transit access.	D2j	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. The proposed action will degrade existing pedestrian or bicycle accommodations.	D2j	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may alter the present pattern of movement of people or goods.	D2j	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. Other impacts: <u>Materials will require transport to/from the proposed Regional RRRF and traffic impacts must be evaluated.</u> _____		<input type="checkbox"/>	<input checked="" type="checkbox"/>

14. Impact on Energy

The proposed action may cause an increase in the use of any form of energy.

 NO YES

(See Part 1. D.2.k)

If "Yes", answer questions a - e. If "No", go to Section 15.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action will require a new, or an upgrade to an existing, substation.	D2k	<input type="checkbox"/>	<input type="checkbox"/>
b. The 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 commercial or industrial use.	D1f, D1q, D2k	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may utilize more than 2,500 MWhrs per year of electricity.	D2k	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may involve heating and/or cooling of more than 100,000 square feet of building area when completed.	D1g	<input type="checkbox"/>	<input type="checkbox"/>
e. Other Impacts: _____ _____			

15. Impact on Noise, Odor, and Light

The proposed action may result in an increase in noise, odors, or outdoor lighting.

 NO YES

(See Part 1. D.2.m., n., and o.)

If "Yes", answer questions a - f. If "No", go to Section 16.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may produce sound above noise levels established by local regulation.	D2m	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. The proposed action may result in blasting within 1,500 feet of any residence, hospital, school, licensed day care center, or nursing home.	D2m, E1d	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may result in routine odors for more than one hour per day. *	D2o	<input type="checkbox"/>	<input checked="" type="checkbox"/>

*Although the material to be handled is not putrescible, odor controls must be put in place to ensure potential impacts are properly controlled.

d. The proposed action may result in light shining onto adjoining properties.	D2n	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may result in lighting creating sky-glow brighter than existing area conditions.	D2n, E1a	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

16. Impact on Human Health			
The proposed action may have an impact on human health from exposure to new or existing sources of contaminants. (See Part 1.D.2.q., E.1. d. f. g. and h.) <i>If "Yes", answer questions a - m. If "No", go to Section 17.</i>		<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action is located within 1500 feet of a school, hospital, licensed day care center, group home, nursing home or retirement community.	E1d	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. The site of the proposed action is currently undergoing remediation.	E1g, E1h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. There is a completed emergency spill remediation, or a completed environmental site remediation on, or adjacent to, the site of the proposed action.	E1g, E1h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. The site of the action is subject to an institutional control limiting the use of the property (e.g., easement or deed restriction).	E1g, E1h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may affect institutional control measures that were put in place to ensure that the site remains protective of the environment and human health.	E1g, E1h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. The proposed action has adequate control measures in place to ensure that future generation, treatment and/or disposal of hazardous wastes will be protective of the environment and human health.	D2t	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g. The proposed action involves construction or modification of a solid waste management facility.	D2q, E1f	<input type="checkbox"/>	<input checked="" type="checkbox"/>
h. The proposed action may result in the unearthing of solid or hazardous waste.	D2q, E1f	<input checked="" type="checkbox"/>	<input type="checkbox"/>
i. The proposed action may result in an increase in the rate of disposal, or processing, of solid waste.	D2r, D2s	<input checked="" type="checkbox"/>	<input type="checkbox"/>
j. The proposed action may result in excavation or other disturbance within 2000 feet of a site used for the disposal of solid or hazardous waste.	E1f, E1g E1h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
k. The proposed action may result in the migration of explosive gases from a landfill site to adjacent off site structures.	E1f, E1g	<input checked="" type="checkbox"/>	<input type="checkbox"/>
l. The proposed action may result in the release of contaminated leachate from the project site.	D2s, E1f, D2r	<input checked="" type="checkbox"/>	<input type="checkbox"/>
m. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

17. Consistency with Community Plans			
The proposed action is not consistent with adopted land use plans. (See Part 1. C.1, C.2. and C.3.) <i>If "Yes", answer questions a - h. If "No", go to Section 18.</i>		<input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action's land use components may be different from, or in sharp contrast to, current surrounding land use pattern(s).	C2, C3, D1a E1a, E1b	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action will cause the permanent population of the city, town or village in which the project is located to grow by more than 5%.	C2	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action is inconsistent with local land use plans or zoning regulations.	C2, C2, C3	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action is inconsistent with any County plans, or other regional land use plans.	C2, C2	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may cause a change in the density of development that is not supported by existing infrastructure or is distant from existing infrastructure.	C3, D1c, D1d, D1f, D1d, E1b	<input type="checkbox"/>	<input type="checkbox"/>
f. The proposed action is located in an area characterized by low density development that will require new or expanded public infrastructure.	C4, D2c, D2d D2j	<input type="checkbox"/>	<input type="checkbox"/>
g. The proposed action may induce secondary development impacts (e.g., residential or commercial development not included in the proposed action)	C2a	<input type="checkbox"/>	<input type="checkbox"/>
h. Other: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

18. Consistency with Community Character			
The proposed project is inconsistent with the existing community character. (See Part 1. C.2, C.3, D.2, E.3) <i>If "Yes", answer questions a - g. If "No", proceed to Part 3.</i>		<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may replace or eliminate existing facilities, structures, or areas of historic importance to the community.	E3e, E3f, E3g	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may create a demand for additional community services (e.g. schools, police and fire)	C4	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may displace affordable or low-income housing in an area where there is a shortage of such housing.	C2, C3, D1f D1g, E1a	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may interfere with the use or enjoyment of officially recognized or designated public resources.	C2, E3	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. The proposed action is inconsistent with the predominant architectural scale and character.	C2, C3	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. Proposed action is inconsistent with the character of the existing natural landscape.	C2, C3 E1a, E1b E2g, E2h	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g. Other impacts: It must be determined if impacts to Potential Environmental Justice Areas will result from the proposed action. _____		<input checked="" type="checkbox"/>	<input type="checkbox"/>

Full Environmental Assessment Form
Part 3 - Evaluation of the Magnitude and Importance of Project Impacts
and
Determination of Significance

Part 3 provides the reasons in support of the determination of significance. The lead agency must complete Part 3 for every question in Part 2 where the impact has been identified as potentially moderate to large or where there is a need to explain why a particular element of the proposed action will not, or may, result in a significant adverse environmental impact.

Based on the analysis in Part 3, the lead agency must decide whether to require an environmental impact statement to further assess the proposed action or whether available information is sufficient for the lead agency to conclude that the proposed action will not have a significant adverse environmental impact. By completing the certification on the next page, the lead agency can complete its determination of significance.

Reasons Supporting This Determination:

To complete this section:

- Identify the impact based on the Part 2 responses and describe its magnitude. Magnitude considers factors such as severity, size or extent of an impact.
- Assess the importance of the impact. Importance relates to the geographic scope, duration, probability of the impact occurring, number of people affected by the impact and any additional environmental consequences if the impact were to occur.
- The assessment should take into consideration any design element or project changes.
- Repeat this process for each Part 2 question where the impact has been identified as potentially moderate to large or where there is a need to explain why a particular element of the proposed action will not, or may, result in a significant adverse environmental impact.
- Provide the reason(s) why the impact may, or will not, result in a significant adverse environmental impact
- For Conditional Negative Declarations identify the specific condition(s) imposed that will modify the proposed action so that no significant adverse environmental impacts will result.
- Attach additional sheets, as needed.

See the Attachment

Determination of Significance - Type 1 and Unlisted Actions

SEQR Status: Type 1 Unlisted

Identify portions of EAF completed for this Project: Part 1 Part 2 Part 3

Upon review of the information recorded on this EAF, as noted, plus this additional support information included herein

and considering both the magnitude and importance of each identified potential impact, it is the conclusion of the Town of Brookhaven Town Board _____ as lead agency that:

A. This project will result in no significant adverse impacts on the environment, and, therefore, an environmental impact statement need not be prepared. Accordingly, this negative declaration is issued.

B. Although this project could have a significant adverse impact on the environment, that impact will be avoided or substantially mitigated because of the following conditions which will be required by the lead agency:

There will, therefore, be no significant adverse impacts from the project as conditioned, and, therefore, this conditioned negative declaration is issued. A conditioned negative declaration may be used only for UNLISTED actions (see 6 NYCRR 617.7(d)).

C. This Project may result in one or more significant adverse impacts on the environment, and an environmental impact statement must be prepared to further assess the impact(s) and possible mitigation and to explore alternatives to avoid or reduce those impacts. Accordingly, this positive declaration is issued.

Name of Action: Proposed Regional Recovery and Recycling Residue Facility (RRRF) at the Town of Brookhaven Solid Waste Management Facility (SWMF)

Name of Lead Agency: Town of Brookhaven Town Board

Name of Responsible Officer in Lead Agency: Matt Miner

Title of Responsible Officer:

Signature of Responsible Officer in Lead Agency:

Date:

Signature of Preparer (if different from Responsible Officer)

Date:

For Further Information:

Contact Person: Christopher Andrade, Commissioner, Department of Recycling & Sustainable Materials Management

Address: 1 Independence Hill Farmingville, NY 11738

Telephone Number: (631) 451-8696

E-mail: WasteManagement@brookhavenny.gov

For Type 1 Actions and Conditioned Negative Declarations, a copy of this Notice is sent to:

Chief Executive Officer of the political subdivision in which the action will be principally located (e.g., Town / City / Village of)

Other involved agencies (if any)

Applicant (if any)

Environmental Notice Bulletin: <http://www.dec.ny.gov/enb/enb.html>

Part 3 – Environmental Assessment Form

Proposed Recovery and Recycling Residue Facility (RRRF) at the Town of Brookhaven Solid Waste

Management Facility (SWMF)

350 Horseblock Road

Yaphank, Town of Brookhaven, Suffolk County

Attachment

Introduction – The Proposed Action

This Attachment to the Part 3 – Environmental Assessment Form (EAF) has been prepared to assess the magnitude of potential impacts that may result from implementation of the proposed action, which includes the construction of a Regional Recovery and Recycling Residue Facility (“RRRF”) and associated infrastructure (the “Proposed Action” or “Project”) on the site of the existing Brookhaven Solid Waste Management Facility (the “Existing SWMF”), and to support a Determination of Significance. The Proposed Action, which has been designed to be in compliance with the regulations promulgated by the New York State Department of Environmental Conservation (NYSDEC) in 6 NYCRR Parts 360-366, Solid Waste Management, will be constructed on approximately 121 acres (the “Project Site”) that is distinct and separate from the existing 270±-acre Town Landfill within the Existing SWMF. Overall, implementation of the proposed action would allow the Town of Brookhaven (Town) to provide a long term, sustainable, resilient source of Waste-to-Energy (WTE) ash management for Long Island, which is necessary to allow the Region to continue converting its waste to clean, renewable energy, to reduce reliance on fossil fuels, and to contribute to solving the regional solid waste challenges facing Long Island.

Impacts to Land

The proposed Regional RRRF development represents one continuous construction project from initial groundbreaking for construction of the containment system (e.g., liner, leachate piping system and berm/wall) through the completion of filling and construction of final closure. The containment system for the proposed project will be constructed in multiple phases with some of the construction phases extending at least one year.

The proposed action will result in vegetation removal for portions of the site within the limits of disturbance where existing trees, brush and grasses exist. During the excavation and construction phases of the project, soils may be temporarily exposed while the site is brought to proposed grade and while temporary or permanent stabilization is occurring. During these times, if large rainstorms occur there is an increased potential for erosion as compared to existing conditions. Best management practices will be employed to minimize the potential for this occurring.

Given the scale of the proposed project and the duration of the overall construction period, potential impacts associated with on-going land disturbance and construction of the Regional RRRF must be assessed and mitigation measures for those impacts must be identified, where necessary.

Impacts to Water Resources

The proposed Regional RRRF will generate both stormwater runoff and leachate. The stormwater management system is designed for collection, treatment and dispersion of stormwater for all activities including pre-construction, during construction, operation and post-closure of the Regional RRRF cells. The potential impacts associated with stormwater runoff to groundwater resources must be evaluated. Furthermore, over the life of the development, as stormwater runoff quantities increase due to capping and closing of cells, the leachate generated decreases. The proposed Regional RRRF will incorporate a state-of-the-art liner in the waste footprint area and will include a state-of-the-art leachate collection system to control the release of contaminants to groundwater.

However, there is the potential for leachate constituents to be released to groundwater, and the potential impacts associated with this must be analyzed.

In order to adequately provide temporary and permanent stormwater management of runoff within the Project Site for the purpose of mitigating offsite impacts, existing drainage patterns within the Project Site may be modified. Runoff that sheet flows offsite at the south and southwest ends of the site under existing conditions will instead be collected and routed to stormwater management facilities in the proposed condition. Runoff directed to these facilities will leave the site through infiltration. Offsite drainage patterns will not be modified from existing conditions.

The Proposed Action will mitigate stormwater impacts through the use of proposed permanent stormwater management facilities. These facilities will be designed in accordance with NYSDEC standards. A component of these standards for the treatment of runoff is the requirement that these facilities retain a permanent pool of water. The permanent pools of water associated with the stormwater facilities are the only new waterbodies being created. The construction of these facilities, along with construction of the proposed project, will result in periods of time where soils may be temporarily exposed or where vegetative cover is still developing. During this time, runoff collected from the project that would be conveyed to stormwater facilities may contain more sediment than under normal conditions. Therefore, stormwater runoff and its collection, including the potential for erosion and sediment control, must be evaluated.

Potential impacts to water resources must be assessed due to stormwater generation and leachate associated with the proposed Regional RRRF.

Impacts to Air

Due to the nature of the proposed operations at the Project Site, there is the potential for dust release from wind erosion fill placement, and the operation of heavy equipment and traffic. Therefore, the potential for dust must be analyzed and a discussion of measures to minimize such impacts must be developed where needed.

Impacts to Plants and Animals

The New York Natural Heritage Program database currently includes within one mile of the Project Site a record of a summer roost tree for the New York State and federally threatened northern long-eared bat. The Proposed Action may involve removal of vegetation that has the potential to be suitable for summer roost habitat. Additionally, the Proposed Action may involve the removal of vegetation that has the potential to be suitable habitat for the eastern box turtle, a New York State special concern species. Accordingly, habitat assessments must be performed, and the potential impacts evaluated.

Impacts to Aesthetic Resources

The proposed Regional RRRF could extend to a height of up to 270 feet and include an associated mechanically stabilized earth berm/wall up to 50 feet in height. Over time, the Regional RRRF would become visible year-round by residents of the Town, travelers on local roadways and other nearby locations. Additionally, either concrete block or vegetative walls would be constructed around the waste footprint, which may be visible from publicly-accessible facilities. Therefore, potential visual impacts must be evaluated.

Impacts to Archaeological Resources

A small area in the southwestern portion of the Project Site is located in an area designated as sensitive for archaeological sites on the New York State Historic Preservation Office (SHPO) archaeological site inventory. Due to this and because NYSDEC approval will be needed for the stormwater pollution prevention plan, a Project

Notification must be submitted to the Office of Parks, Recreation, and Historic Preservation (OPRHP) to initiate review of the impacts to potential archaeological resources (if present) in accordance with Section 14.09 of the State Historic Preservation Act. Potential impacts to archaeological resources must be examined in accordance with OPRHP requirements.

Impacts to Transportation

The operations of the proposed Regional RRRF involve the transport of materials to and from the facility. Accordingly, transportation impacts must be evaluated.

Impacts to Noise and Odor

The Proposed Action has the potential to generate noise during operations. There is existing noise generated by current landfilling operations occurring at the Existing SWMF, which will diminish and then cease upon closure of the existing landfill. Noise levels from the proposed operations are expected to be similar to or lower than the existing landfill. However, to understand the potential noise level, operational noise from the proposed project operations must be examined to ensure they are within levels set forth in local and NYSDEC standards and guidelines.

While odor impacts from the proposed operations of the Regional RRRF are expected to be minimal due to the nature of the materials proposed to be handled at the Project Site and operational protocols are designed to limit odors releases, the potential for odors must be examined.

Impacts to Human Health

Day-to-day operations of the proposed Regional RRRF, including the emissions from transportation activities, treatment and disposal of leachate, and the generation of stormwater runoff have the potential to impact human health, which must be evaluated.

Consistency with Community Character

While the Proposed Action is consistent with the pattern of existing development in the surrounding community, it is not consistent with the character of the existing natural landscape, which must be evaluated in the DEIS. In addition, the Project Site's proximity to a Potential Environmental Justice Area must be examined.

DRAFT SCOPE

DRAFT ENVIRONMENTAL IMPACT STATEMENT FOR PROPOSED REGIONAL RECOVERY AND RECYCLING RESIDUE FACILITY (RRRF) AT THE TOWN OF BROOKHAVEN SOLID WASTE MANAGEMENT FACILITY (SWMF)

**350 HORSEBLOCK ROAD, HAMLET OF YAPHANK
TOWN OF BROOKHAVEN, SUFFOLK COUNTY, NEW YORK**

Overview

This document is the Draft Scope for the Draft Environmental Impact Statement (DEIS) for the construction of a Regional Recovery and Recycling Residue Facility ("Regional RRRF") and associated infrastructure (the "Proposed Action" or "Project") within the existing Brookhaven Solid Waste Management Facility (the "Existing SWMF"). The Existing SWMF is located in the hamlet of Yaphank, immediately north of Sunrise Highway (New York State [NYS] Route 27), east of South Village Drive, south of Horseblock Road (Suffolk County [SC] Route 16) and west of Yaphank Avenue (Suffolk County [SC] Route 21) (see attached figure).

Currently, there is a 270±-acre Town of Brookhaven (Town) Landfill at the existing SWMF that accepts ash residue from local Waste-to-Energy (WTE) plants ("WTE ash"), as well as Construction & Demolition (C&D) debris and governmentally-generated materials such as navigational dredge material and street sweepings from across Long Island. The Town Landfill manages a significant portion of the downstate region's C&D residual waste stream, and nearly all ash generated at Long Island WTE facilities. Of the 425,000 tons of ash per year produced at Long Island's WTE facilities, 88% is disposed at the existing Town Landfill, with the remainder landfilled at the Town of Babylon's landfills. Both Babylon landfills will reach capacity by 2029 and the existing Town Landfill is expected to reach its design life in 2024, when Cell 6 (as hereinafter defined) closes.

Local agencies have been evaluating potential solutions to address this imminent closure for years, and in June 2017, the Town of Brookhaven submitted a New York State Municipal Consolidation and Efficiency Competition (MCEC) application entitled "Brookhaven United Municipal Consolidation and Efficiency Plan" (the "Brookhaven United Plan"), which included a project to construct a regional facility to landfill ash to help address the regional needs for a sustainable solution to solid waste disposal. The Plan specifically noted that such facility would provide a transformative solution to the looming solid waste problem. This regional facility would address the ash disposal needs of the Towns of Brookhaven, Hempstead, Huntington, Smithtown, and Islip, as well as the needs of the numerous other municipalities across Long Island, with respect to street sweepings and other governmentally generated materials. The proposed facility may also utilize NYSDEC-approved Pre-Determined Beneficial Use Determination (BUD) materials for operational needs pursuant to the regulations contained within 6 NYCRR Part 360.12.

Continued ash disposal capacity must be made available in order to avert a regional solid waste crisis. Once the existing Town Landfill (Cell 6) reaches capacity (anticipated in 2024), there will be no landfills on Long Island that manage ash except for Babylon, which, as noted above, has limited remaining capacity. If a local solution is not implemented, the only other disposal options lie outside of New York, in New Jersey and Pennsylvania, and the distance to transport waste (fuels, tolls and additional tractor-trailers) will exponentially add cost to the disposal fee, and these added fees will ultimately be passed on to Long Island residents. Furthermore, there will be environmental impacts associated with off-Island disposal, such as

increased impacts to infrastructure, and increased vehicle miles traveled, leading to more congestion, more air pollution and increased greenhouse gas emissions.

In 2018, as part of the MCEC, the Town of Brookhaven was awarded a \$20 million grant to implement the Brookhaven United Plan, including the design, permitting, and construction of a facility to landfill ash. The Existing SWMF was chosen as the location for the new facility because it allows the Town to utilize land it already owns and existing ancillary infrastructure that it would otherwise need to construct if the facility was pursued at an alternative location. This, together with the MCEC grant, made the Proposed Action affordable to the Town and MCEC grant worthy. The new facility would be designed to enhance and further sustain local environmental efforts, as well as reduce aggregate costs, producing a fiscally and environmentally sustainable solution to a regional problem.

To address this regional need, the Town of Brookhaven is proposing to construct the Regional RRRF¹ on approximately 121 acres (the "Project Site") in the eastern portion of the 534±-acre Existing SWMF property. The Project Site would be distinct and separate from the existing 270±-acre Town Landfill disposal cells (the only remaining active portion is referred to as "Cell 6"), located about 1,000 feet to west of the Proposed Site, within the Existing SWMF. The Project Site would contain a 59±-acre area that will comprise the Regional RRRF waste footprint. The remainder of the Project Site will consist of the Regional RRRF's necessary infrastructure of internal roads and dedicated stormwater pre-treatment and infiltration basins, as well as a dedicated leachate collection and storage facility with an associated loading bay to facilitate leachate transport off site. Other than site access and worker parking, all activities associated with the operation of the proposed Regional RRRF would be fully contained within the Project Site. The proposed perimeter roadway would be connected to the network of existing roadways on the Existing SWMF property. The Project Site would be accessed via the existing curb cut on Horseblock Road. Trucks servicing the proposed Regional RRRF would enter from Horseblock Road (similar to current operations), continue west after stopping at the existing scale house facility (for weighing), and then continue south, entering the Project Site from the west. Otherwise, the proposed RRRF and the remainder of the existing SWMF would operate discretely and independent from each other.

The proposed 59±-acre waste footprint at the proposed Regional RRRF is classified and would be permitted as a landfill under the NYSDEC solid waste regulations. Specifically, the Regional RRRF, situated in Suffolk County, would be subject to the requirements of 6 NYCRR Part 363-7.2 "Additional operating requirements for landfills in Nassau or Suffolk County", which have been specifically formulated to protect the Nassau-Suffolk aquifer. The purpose of the proposed Regional RRRF is to be a regional repository for WTE ash, which is the principal material to be received. The proposed Regional RRRF would replace the WTE ash disposal capability of Cell 6 of the existing Town Landfill (Cell 6) (closing in 2024). The new Regional RRRF would be constructed of several parts, called "cells" that will accept only ash residue, recycling residues such as glass cullet and auto shredder material, and limited amounts of dredge spoils. The Regional RRRF will not accept any C&D materials, with the exception of de minimis amounts of materials generated by Town governmental operations (such as soil, gravel and/or concrete aggregate) that will be considered for acceptance. Under no circumstances will Alternative Operating Cover generated from C&D materials be utilized in the proposed facility. The proposed facility will serve approximately 614,000 households, and 1.9± million residents of the Towns of Hempstead, Brookhaven, Huntington, Smithtown, and Islip (about

¹ Designed to be in compliance with the regulations promulgated by the New York State Department of Environmental Conservation (NYSDEC) in 6 NYCRR Parts 360-366, Solid Waste Management.

two-thirds of Nassau and Suffolk Counties' households). In total, the Proposed Project will provide up to 11± million cubic yards of capacity.

The purpose of the proposed Regional RRRF is to be a regional repository for WTE ash (a recovery residual), recycling residuals and small amounts of non-putrescible materials generated by Town government operations. The proposed Regional RRRF would provide a number of public benefits, not only for Brookhaven and neighboring Towns in Suffolk County, but for the Long Island region. First, the proposed Regional RRRF would continue to provide on-island disposal capacity at a location adjacent to where it is currently disposed. It is expected that implementation of the proposed action will offset many of the deleterious regional solid waste impacts that are expected to occur with the closure of the existing Town Landfill (Cell 6), ultimately resulting in less truck traffic leaving Long Island – decreasing the number of trucks on area roadways (including the Long Island Expressway), reducing vehicle emissions - resulting in less impact to air quality and less pollution; and slowing of the aging of transportation infrastructure, as well as costs needed to fund infrastructure reconstruction projects. Moreover, the Regional RRRF will help to keep finances stable and lessen the financial impact on Long Island residents and businesses. Operation of the Regional RRRF in Brookhaven would also allow the Town to retain a portion of the revenue it currently generates from operation of the existing Town Landfill (Cell 6).

Overall, implementation of the proposed action would allow Brookhaven to provide a long term, sustainable, resilient source of WTE ash management for Long Island, which is necessary to allow the Region to continue converting their waste to clean, renewable energy, to reduce reliance on fossil fuels and to contribute to solving the regional solid waste challenges facing Long Island. To ensure that the DEIS will address all significant issues related to the proposed construction and operation of the Regional RRRF, the Town of Brookhaven Town Board, as lead agency, has issued a Positive Declaration, and, as required, is conducting public scoping in accordance with 6 NYCRR §617.8 of the implementing regulations of the New York State Environmental Quality Review Act (SEQRA). To initiate the public scoping process, the Applicant (the Town of Brookhaven Department of Recycling and Sustainable Materials Management) has prepared this Draft Scope in accordance with 6 NYCRR §617.8(b) to outline the proposed content of this DEIS, including the following:

- › Brief Description of the Proposed Action
- › Potentially significant adverse impacts
- › Extent and quality of information needed to adequately address potentially significant adverse impacts
- › Initial identification of mitigation measures
- › Reasonable alternatives to be considered

Brief Description of the Proposed Action

This section of the DEIS will provide a thorough description of the Proposed Action and a summary of site conditions of the 121±-acre Regional RRRF Project Site pursuant to 6 NYCRR §617.9(b)(5)(i).

A description of the proposed action and environmental setting will be provided including:

- › Location and physical characteristics of the Project Site, such as the boundaries, size, pervious and impervious areas, utilities, and infrastructure

- › Regulatory status and NYSDEC permitting requirements under 6 NYCRR Part 363-7.2 for the proposed Regional RRRF, including, but not limited to, a description of the required Engineering Report and Facility Manual
- › Characteristics of the proposed Regional RRRF and the residue disposal area, including the proposed overall design, infiltration basins, temporary stormwater facilities, leachate collection system, interior perimeter roadway, walls, and WTE ash and other materials proposed to be accepted
- › Proposed circulation plan, encompassing on-site vehicular circulation, parking, and access information
- › Schedule for construction, filling, creation of cells, ultimate capping and reclamation

The project's purpose, public need and benefits will be demonstrated, including a description of the needs and the regional benefits to the Long Island Region and the Town of Brookhaven. A summary of the Town of Brookhaven's history of proactively planning for regional solid waste management needs and providing local leadership to complement policies adopted at the State level will be provided. The Town of Brookhaven's current Local Solid Waste Management Plan (LSWMP), and associated planning documents, which contain the sustainability analyses supporting the choice of WTE as the preferred solid waste management system, will be included. Furthermore, the NYSDEC Solid Waste Management Plan, *Beyond Waste*, which establishes the hierarchy of priorities for solid waste management in the State and sets consistency standards for LSWMPs, will be examined.

The section will discuss the significant effects that would result from the lack of a local disposal facility, as well as the need to ensure that alternative disposal options for the waste currently managed at the Town Landfill are put in place.

This section will also list the required Local, County, State and Federal approvals, including but not limited to:

- › Town of Brookhaven NYSDEC MS4 General Permit for Stormwater Discharges (includes review and approval of a Stormwater Pollution Prevention Plan [SWPPP])
- › Suffolk County Sewer Agency Administrative Approval (for leachate treatment and disposal)
- › Suffolk County Department of Public Works (SCDPW) 239f Review
- › Suffolk County Department of Health Services (SCDHS) Article 12 Pollution Control permit (for leachate storage tanks)
- › New York State Department of State - New York State Municipal Consolidation and Efficiency Competition (MCEC) Grant
- › New York State Department of Environmental Conservation (NYSDEC) Solid Waste Management Facility Permit
- › NYSDEC Air Program State Facility Permit or Registration (potential)
- › NYSDEC General Permit for Stormwater Discharges from Construction Activity
- › Federal Aviation Administration Section 14 CFR 77.9(a) notification regarding construction or alteration that is more than 200 feet above grade level at its site

In addition to those agencies listed above, the lead agency will coordinate with PSEG Long Island on any required utility connection.

Potentially Significant Adverse Impacts

Pursuant to 6 NYCRR §617.8(a), the primary goals of scoping are to “focus the DEIS on potentially significant adverse impacts and to eliminate consideration of those impacts that are irrelevant or not significant”. The Positive Declaration adopted by the Lead Agency indicated that implementation of the Proposed Action could result in one or more potentially significant adverse environmental impacts based on the following:

- › Potential Impacts to Land, as there will be on-going land disturbance associated with Regional RRRF operations.
- › Potential Impacts to Water Resources, as stormwater will be generated, which must be properly addressed in order to minimize potential impacts. In addition, leachate will be generated, which must be properly collected and stored in order to minimize potential impacts to water resources.
- › Potential Impacts to Air Quality, as there is a potential for dust generation, which must be properly controlled.
- › Potential Impacts to Transportation, as materials will be transported to and from the Regional RRRF and the impacts therefrom must be evaluated.
- › Potential Impacts to Plants and Animals, as some clearing of vegetation is required, the effects on vegetation and wildlife must be assessed.
- › Potential Noise Impacts, as operations will generate noise, which must be assessed.
- › Potential Odor Impacts, although the material to be handled is not putrescible, odor controls must be put in place, as applicable, to ensure potential impacts are properly controlled.
- › Potential Archaeological Impacts, as a small portion of the property where a stormwater management feature is proposed is located in an area of archaeological sensitivity as noted on the New York State Historic Preservation Office archaeological site inventory.
- › Potential Aesthetic Impacts, when the Regional RRRF approaches and reaches capacity.
- › Potential Human Health Impacts, as a result of day-to-day operations of the proposed Regional RRRF.

The DEIS, in accordance with 6 NYCRR §617.9(b)(5)(iii), will include an analysis of the potential short and long-term adverse impacts associated with implementation of the Proposed Action and those impacts should the Proposed Action not be implemented (i.e., the “No Build” or “No Action” condition). Proposed measures to mitigate significant adverse impacts of the Proposed Action that have been identified will be included under each environmental topic outlined below, as warranted. Any adverse environmental impacts that cannot be avoided or adequately mitigated will be identified.

Subsurface Conditions, Soils and Topography

Geotechnical information that has been assembled from previous studies, from soil borings (noted below), sampling and laboratory test results will be used in characterizing subsurface conditions of the Project Site in order to perform slope stability analyses for temporary, permanent and final cover system slope stability. The results will be discussed in this section of the DEIS.

Site-specific soil boring and geologic data from the Hydrogeologic Investigation Report, which is being prepared for the NYSDEC Part 363 permit application, will be presented and discussed in this section of the DEIS. The Hydrogeologic Investigation Report, which is being prepared in accordance with NYSDEC Parts

360 and 363, and which will meet the specific requirements outlined in 6 NYCRR 363-4.4, will determine the suitability of the site for waste disposal. A field survey will be undertaken and depending on the complexity of the surficial geology and surface soil, sampling will be conducted. Together with the field investigation and available Suffolk County Soil Survey maps, a surficial geology map will be constructed. Additionally, test pits will be completed to investigate if any buried debris are present in the proposed Regional RRRF footprint. Information from previously conducted geotechnical borings (October 2019), as well as additional borings, will be used to characterize the soils for waste disposal suitability.

The DEIS will include topographic information from site-specific topographic maps, which have been developed by the project team. The DEIS will discuss the site preparation for construction of the Regional RRRF, including the subgrade, base grade and finished grade. This section will provide an analysis of the stability and settlement associated with the proposed Regional RRRF, based on a geotechnical analysis included in the Part 363 Engineering Report.

An evaluation of the potential impacts to soils and topography, and strategies to minimize such impacts will be included in the DEIS. A description of the measures that will be implemented to mitigate potential impacts from erosion and off-site sediment transport during construction will be presented. The DEIS will also discuss the changes in topography that would result from the Proposed Action and will provide a discussion of proposed earthwork, including the construction of the mechanically stabilized earth berm/wall, associated with the proposed Regional RRRF and the excavation/grading associated with the proposed infiltration basins. Potential construction-related erosion and sedimentation due to ground disturbance and grading impacts will also be evaluated in this section.

Water Resources

This section will describe existing groundwater conditions, specifically related to groundwater quality, depth to groundwater and hydrogeologic zone, based on historic groundwater analyses, data from existing groundwater monitoring wells and the hydrogeological analysis performed for the Project Site. Because rainfall data serves as the basis for many of the tools and models used in water resources design and analysis, an examination of current local and regional rainfall data, including that collected at the Existing SWMF, will be part of the water resources analysis.

The Hydrogeological Investigation Report, which is being prepared as part of the NYSDEC Part 363 permit application, provides the basis for the design and construction of the proposed Regional RRRF, including contingency plans relating to groundwater or surface water contamination. The Report will include a literature search regarding existing conditions, surficial geological mapping of surficial geological deposits and test pits, water well survey, geotechnical test borings, monitoring well installation and development, groundwater sampling and gauging, surface water sampling and in-situ hydraulic conductivity testing.

Based on the water level measurement from equipment installed in 2019, the depth to groundwater in the area of the Project Site is approximately 11 – 13 feet below grade with some variation due to natural fluctuations in topography and precipitation. Groundwater monitoring wells, developed in accordance with NYSDEC-approved methods and criteria, will be installed both downgradient and upgradient of the Project Site to provide data to determine the existing conditions and the suitability of the site for waste disposal, as well as to meet long-term groundwater monitoring needs for the assessment of potential impacts to groundwater.

Groundwater sampling will be conducted in accordance with the United States Environmental Protection Agency (USEPA) low-flow groundwater sampling procedures. Routine, Baseline, Expanded Baseline and Modified Expanded Parameter List compounds listed on the Water Quality Analysis Table in 6 NYCRR Part 363-4.6 and leachate parameters to be sampled will be outlined in the Hydrogeological Investigation Report, and summarized in this section of the DEIS. Water level measurements will be collected by using a water level meter and measuring the depth to water from the surveyed measuring point on the well casing to an accuracy of 0.01 feet. Water elevation data will be used to prepare water table and deep potentiometric groundwater flow (contour) maps. Seasonal high groundwater elevations will be defined through use of the water level readings and historical groundwater elevation data.

To further assess the potential impacts associated with the proposed development upon groundwater resources, a consistency analysis with the recommendations and standards for development within the Suffolk County Sanitary Code Article 6 Groundwater Management Zone, as well as the Long Island Comprehensive Waste Treatment Management Plan (the "208 Study"), will be performed. The Hydrogeological Investigation Work Plan notes that the Existing SWMF and the Project Site are both south of Suffolk County's aquifer deep recharge zone, as defined by the Suffolk County Sanitary Code Article 6 – Groundwater Management Zones. Information on area groundwater conditions will be summarized from the Town of Brookhaven's *2013 Carmans River Conservation and Management Plan* and the *2009 Beaver Dam Creek Watershed Management Plan*.

To establish surface water quality, surface water samples will be collected south and downgradient of the Project Site. All surface water samples will be analyzed based on the Expanded Parameters contained in 6 NYCRR Part 363.

The data generated for the Hydrogeological Investigation Report will be used to present recommendations as to the suitability of the Project Site for use as a Regional RRRF, for facility design and for the development of a monitoring and contingency plan.

With respect to drainage and stormwater runoff, the Project Site will include infiltration basins (permanent stormwater management facilities) constructed, as necessary, to capture stormwater runoff from the capped and closed cells. In the interim, before capping and closing of individual cells on the Project Site, these infiltration basins will serve to collect stormwater runoff generated by areas outside of the proposed waste footprint (e.g., perimeter roadway, landscaped areas). Moreover, operational phasing plans will include temporary sediment basins and other erosion and sediment control facilities where runoff from disturbed areas, or areas which have been temporarily stabilized and which are outside of the leachate collection system, will be directed prior to being discharged to the infiltration basins. In accordance with the proposed regulations, stormwater conveyance structures will be designed to handle the peak flow rate from a 25-year, 24-hour design storm. This design will include an evaluation of impacts on the stormwater/run-off conveyance system that would result from a 500-year storm. Both a pre-development and post-development hydrologic analysis will be performed. The stormwater management system will be designed to control and convey stormwater runoff within the property, with no off-site discharges anticipated. The overall stormwater management plan will be designed in conjunction with the phasing plans such that stormwater will be sufficiently controlled during the various stages of the Regional RRRF development.

In addition to stormwater runoff collection, leachate, a liquid that results from stormwater contact with waste, would be generated. An estimate of leachate generation will be made using the USEPA HELP model.

A description and analysis of the stormwater management system and the leachate treatment and collection and management system, based on the information contained within the Leachate Management Plan included in the NYSDEC Facility Manual, will be provided in this section of the DEIS.

A review of NYSDEC freshwater wetland maps, National Wetland Inventory maps and Town of Brookhaven wetland regulations will be conducted, and the presence or absence of wetlands at or within 150 feet the Project Site will be discussed in this section. Potential impacts to wetlands from stormwater runoff, among other activities, will be evaluated.

Mitigation measures will be developed to address potential significant adverse impacts identified. Measures designed to minimize the potential for stormwater impacts, including leachate, from the proposed development will be identified. Specifically, this section of the DEIS will include a discussion of the liner and leachate piping system proposed as part of the Regional RRRF, as well as the Stormwater Pollution Prevention Plan (SWPPP). Erosion control measures, noted in section on *Subsurface, Soils and Topography* proposed to be implemented during construction activities will be presented and discussed, relevant to stormwater management.

Ecology

As there will be disturbance to and removal of approximately 60 acres of vegetated area within the Project Site, an ecological survey of the Project Site will be performed by a qualified biologist to inventory flora and fauna species occurring or expected to occur at the project site, and the existing ecological communities at the site will be identified and assessed. A review of NYSDEC and other relevant agency databases will be performed to identify other wildlife species expected to occur at the Project Site. Consultations will be undertaken with the New York Natural Heritage Program (NYNHP), and relevant database research, including the U.S. Fish and Wildlife Service (USFWS) Information for Planning and Consultation database, will be conducted to identify records of endangered, threatened or special concern species or significant natural communities/habitats at or in the immediate vicinity of the Project Site. As the NYNHP database currently includes a record of a summer roost tree for the New York State and federally threatened northern long-eared bat (*Myotis septentrionalis*) within one mile of the Project Site, a summer roost habitat assessment of the Project Site will be performed. Additionally, a habitat assessment will be performed for the New York State special concern eastern box turtle (*Terrapene carolina*).

Some vegetated areas are expected to be removed under the Proposed Action. Areas and ecological communities to be cleared and developed as part of the proposed project will be identified, and an assessment of potential impacts to the existing ecological communities (including wetlands, as discussed in the Water Resources section, above) will be presented within this section. Potential impacts to observed and expected wildlife and wildlife habitat will be identified and discussed, including any potential impacts to rare species (e.g., northern long-eared bat, eastern box turtle), and their habitat. Furthermore, mitigation measures, including specific timing of habitat removal, will be developed to minimize the impacts such species.

Land Use and Community Character

This section of the DEIS will describe and provide maps depicting the existing land uses and zoning on the subject site and the surrounding area (encompassing a one-mile radius around the Project Site). A physical description of the site (i.e., size, boundaries, landscaping (including tree plantings), buildings and other

improvements, areas of pavement, etc.) will be provided. The character of the surrounding community will be described in terms of specific uses and land use patterns, zoning, and other factors such as environmental justice, as discussed in NYSDEC Commissioner Policy 29 (CP-29).² Relevant comprehensive and land use plans will be reviewed with respect to the proposed project, including, but not limited to: *1996 Town of Brookhaven Comprehensive Plan*; *2013 Carmans River Conservation and Management Plan*; *2009 Greater Bellport Sustainable Community Plan*; *2014 Greater Bellport Land Use Plan*; and *Long Island 2035 Sustainability Plan*.

A description of the existing community services (e.g., emergency management services) will be provided in this section of the DEIS. Community service providers will be consulted as to potential impacts of the proposed project on their ability to serve the Project Site.

This section of the DEIS will also review the proximity of a Potential Environmental Justice Area to the Project Site. If such communities are identified, the impacts thereto will be evaluated in this section. This section of the DEIS will evaluate the potential impacts on land use and community character and services based upon implementation of the Proposed Action. Mitigation measures will be presented with respect to identified significant adverse impacts to land use, community character, and community services.

Traffic

This section of the DEIS will describe the existing traffic conditions and evaluate the effects of the Proposed Action on the surrounding area roadways. It is anticipated that the Proposed Action would result in less traffic accessing the Existing SWMF as compared to the existing Town Landfill. The Proposed Action will use the existing access drive at Horseblock Road and existing internal roadways. Once the existing Town Landfill (Cell 6) reaches its design capacity (anticipated to be 2024), without the implementation of the Proposed Action (the No-Action alternative) there would be a significant need for off-Island transport of waste. A discussion of the regional transportation/traffic impacts associated with the Proposed Action versus the No-Action alternative will be provided, including an examination of the differences in vehicle miles traveled, congestion on the Long Island Expressway, and the wear and tear and aging of transportation infrastructure.

A complete Traffic Impact Study (TIS) will be prepared and appended to the DEIS and summarized in the body of the text.

The TIS will include the following:

- › Existing roadway features in the study area, including the number, direction and width of travel lanes, posted speed limits, maintenance jurisdiction, parking regulations, signs and traffic control devices will be identified.
- › Manual turning movement counts will be conducted on a typical weekday during the a.m. peak period and p.m. peak period (peak periods to be determined based on discussion with the Town regarding existing and proposed operations) at the following intersections:

²Environmental Justice is the fair and meaningful treatment of all people, regardless of race, income, national origin or color, with respect to the development, implementation, and enforcement of environmental laws, regulations and policies. Environmental Justice allows for disproportionately impacted residents to access the tools to address environmental concerns across all of NYSDEC's operations - <https://www.dec.ny.gov/public/333.html>

- Horseblock Road (County Road 16) at Town Solid Waste Complex Driveway
- Horseblock Road (County Road 16) at Yaphank Avenue (County Road 21)
- Horseblock Road (County Road 16) at Sills Road (County Road 101)
- › Analysis will be conducted of the existing operating conditions during the peak weekday a.m. and p.m. periods using the appropriate methodology presented in the latest edition of the *Highway Capacity Manual*.
- › Current traffic accident data for the most-recent three-year period available for the study intersections will be obtained from the New York State Department of Transportation (NYSDOT). This data will be summarized and any significant trends/patterns that might be impacted by the proposed development will be identified and the need for corrective measures evaluated.
- › The latest available information from appropriate governmental agencies will be obtained regarding any planned roadway/intersection improvement projects in the study area. Any such improvements, based upon responses received, will be incorporated into the future "No-Build" and "Build" analyses. The Build or Design Year, which will be the year of peak activity of the facility after it becomes fully functional.
- › The "No-Build" base traffic conditions in the Design Year for the proposed facility will be estimated by applying a background traffic growth factor using Suffolk County Planning rates to the existing traffic volumes. Since the Horseblock Road Bridge over the LIRR is currently being reconstructed, the analysis will also adjust the existing traffic volumes collected herein based on available historical traffic count data compiled by the Suffolk County Department of Public Works.
- › In addition, traffic generated by other planned developments in the vicinity of the site will be included in the "No-Build" base condition. Traffic capacity analysis will be prepared for the No-Build condition.
- › Trip generation estimates will be prepared for the proposed project based on the anticipated operational characteristics of the site and differentiate between passenger vehicles and trucks carrying materials to and from the site.
- › Site-generated traffic will be assigned to the roadway network in the study area based on the existing distribution pattern. The site-generated traffic will be added to the "No-Build" volumes at each of the study intersections, which will be analyzed using Highway Capacity Software to determine the impacts of the proposed project on surrounding roadways. The need for mitigation measures, estimated construction cost, potential responsible parties, and project timing will be determined based upon the results of the analysis.
- › A discussion of traffic impacts related to the construction of the proposed facility on the site will be prepared. Specific construction information, including duration of the construction period, hours of activity, and construction vehicle routing will be provided to determine the type and approximate number of construction vehicle trips.

Air Quality

The air quality analysis will include existing environmental conditions and project-related impacts over the project term. Existing ambient air quality, climate, and meteorological data for the project area will be collected and summarized. The project area's current status with regard to the National Ambient Air Quality Standards (NAAQS) (i.e., whether the affected areas are designated as being attainment [complying with the NAAQS], nonattainment [not complying with the NAAQS] and maintenance [previously nonattainment that currently complies]) will be identified. Existing air pollution sources in the general area that significantly impact the area's air quality will be identified and evaluated qualitatively. Data from existing air quality monitoring stations will be presented and available community health studies will be summarized to define current baseline conditions.

The Regional RRRF will involve the continued landfilling of WTE ash, but not the C&D materials that are currently accepted at the existing Town Landfill (Cell 6). Thus, this section of the DEIS will present the findings of a qualitative evaluation of potential air quality impacts resulting from the Regional RRRF project including changes in local mobile sources (trucking operations) and operational aspects of the project (including fugitive dust) with a comparison to established air quality standards and guidelines. Projections of emissions will be based on the maximum utilizations rates over the course of the project. The current rate of landfilling ash will be compared to projections of future fill rates for the Regional RRRF. The net change in projected operations as compared to current conditions will be quantified and additional analyses will be prepared should emission rates increase.

Since the Regional RRRF will have an impact on traffic, there will be a concurrent impact on air emissions. The No-Action ash disposal alternative will include transporting ash to off-island landfills. In the No-Action alternative, there will likely be an overall increase in the air pollutant emissions associated with ash transport because of the anticipated increase in travel distances. The nearest potential location of a disposal facility will be determined, and the overall air emissions will be quantified and compared to emissions from transport to the proposed Regional RRRF. The proposed facility will not contain stationary sources and, therefore, refined air quality modeling should not be required. Sensitive receptors will be identified and the net air quality impacts of the proposed improvements at the Town Landfill (upon closure and termination of receipt of ash residue and C&D materials) and proposed Regional RRRF releases on those receptors will be evaluated.

Should the qualitative analysis indicate that a quantitative air quality study is required, the supplemental analyses would be directed at quantifying air emissions and impact relative to established guidelines. Quantitative air quality impacts associated with the Proposed Action will be based on measurements of Volatile Organic Compounds (VOC's) and sulfur containing compounds released from deposited ash and those release rates will be modeled to determine the impact at off-site receptors. A modified flux chamber approach will be used to collect whole air samples from ash deposits. The collected air samples will be quantified using gas chromatographic mass spectrographic analysis. Offsite air quality impacts will be calculated using United States Environmental Protection Agency (USEPA) recommended modeling techniques and the results will be compared to available standards and guidelines. In addition, dust and speciated contaminants released from site activities during transport, filling operations, and wind erosion will be quantified, and the impact of releases will be modeled and compared to air quality guidelines. Mitigation measures will be recommended to assure impacts are within applicable rules and regulations, as necessary.

The impacts of the proposed facility on other air quality-related issues will also be evaluated. Impacts on greenhouse emissions will be examined. Construction-related impacts will be identified, and mitigation measures will be proposed, where applicable. Since the project has a limited lifespan due to its expected capacity (air space), the plan for project closure will also be discussed with respect to air quality.

Odor

This section of the DEIS will discuss relevant odor issues associated with the operation of the Existing SWMF and existing facilities in the vicinity of the proposed Regional RRRF to define baseline conditions. Odors, if any, from the proposed project must be effectively controlled so that they do not constitute nuisances or hazards to health, safety or property. Odors from the operation of the existing Town Landfill (Cell 6) and some nearby industrial activity and other odor sources have been the subject of community complaints. The relative source strength of odors from these operations will be addressed along with an assessment of the complaints filed with both NYSDEC and the Town. Furthermore, as part of the NYSDEC Part 363 Permit application, an Odor Control Plan will be prepared as part of the Facility Manual. The Odor Control Plan will be summarized in this section of the DEIS and contain a qualitative assessment of potential odor releases. Odor impacts from proposed operations are expected to be minimal since the proposed facility will be handling materials with limited odor potential. The proposed operation protocols would be designed to limit the amount of odors released from the facility.

If a quantitative odor analysis is warranted by the results of the qualitative assessment, a supplemental analysis will be prepared. Quantitative odor impacts will be based on the measurement of odors released from deposited ash and those release rates will be modeled to determine the impact at off-site receptors. A modified flux chamber technique will be used to collect whole air samples of odors from ash deposits. American Society for Testing and Materials (ASTM) dynamic olfactometry methods using an odor panel will be used to quantify and characterize odors. The odor panel will provide additional data such as the dilution to recognition and odor thresholds, odor intensity, character, hedonic tone (perceived odor), etc. Offsite odor levels will be calculated using USEPA recommended modeling techniques and the results will be compared to available perceived odor and recognition thresholds. Mitigation measures will be recommended to assure impacts are within applicable rules and regulations, as necessary.

Noise

Proposed operations at the Project Site have the potential to generate noise. A summary will be provided of the noise analysis performed for the solid waste permit application. Applicable regulatory standards and guidelines will be documented.

A noise measurement program will be conducted during the proposed hours of operation during a weekday and weekend period to characterize and document the Existing Ambient Noise Environment and serve as the baseline for noise impacts assessments. The results of the existing condition will be compared against noise performance standards in 6 NYCRR Part 360.19(j) and the Town's noise ordinance (Chapter 50 of the Town Code). Noise monitoring locations representative of noise sensitive receptor clusters (i.e. residences, schools, places of worship, etc.) will be identified.

An operational noise assessment will be conducted and the results assessed against noise performance standards in 6 NYCRR Part 360.19(j), the Town's noise ordinance (Chapter 50 of the Town Code) and relevant guidance promulgated by the NYSDEC for the noise impact assessment and mitigation of potential noise

impacts associated with the operation and maintenance of the Regional RRRF. The operational noise assessment will include primary and secondary (e.g. induced traffic) noise.

In addition, this section will address potential noise impacts associated with construction activities which will be evaluated for consistency with the Town's noise and construction ordinances and applicable State noise standards and guidelines. Construction noise levels will be estimated using the United States Department of Transportation (USDOT) construction noise impact assessment methodology (adopted by NYSDOT).

If the expected operational noise levels exceed 6 NYCRR Part 360.19(j), noise mitigation measures will be recommended.

Archaeological Resources

A small area in the southwestern portion of the Project Site is designated sensitive for archaeological sites on the New York State Historic Preservation Office (SHPO) archaeological site inventory. As such, a Project Notification will be submitted to the Office of Parks, Recreation, and Historic Preservation (OPRHP) to initiate review of the potential impacts to archaeological resources (if present) in accordance with Section 14.09 of the State Historic Preservation Act and continue coordination, as necessary.

Aesthetic Resources

This section of the DEIS will discuss the visual character of the Project Site and study area, and representative photographs of the existing conditions will be provided. The proposed Regional RRRF could extend to a height of up to 270 feet and include an associated mechanically stabilized earth berm/wall up to 50 feet in height. Potential impacts to visual resources from surrounding properties and roadways will be illustrated through cross-sections and elevations. In addition, visual/aesthetic impacts related to construction activities will be also be evaluated in this section.

Solid Waste Management

This section of the DEIS will provide a discussion of the Town of Brookhaven's history of planning for regional solid waste management needs and providing local leadership to complement policies adopted at the State level, as well as their long-time partnerships with other municipalities such as the Towns of Hempstead, Huntington and Smithtown, Brookhaven National Laboratories, and Stony Brook University.

The Town Department of Recycling and Sustainable Materials (RSMM) engages in various waste reduction programs and produces a wealth of public information to assist residents. This section will document the Town's progressive history in the promotion of the State's hierarchy of solid waste management, including initiatives to encourage recycling and re-use of materials, and reduce the amount of materials that are sent to the Covanta plants for processing into clean, renewable energy.

As the Project is intended to support the adopted and approved solid waste management system of municipal waste recovery through combustion, this section will contain an overview of WTE plants and how they contribute to a sustainable future on Long Island. Environmental and economic dependencies between waste generation rates, local waste processing and disposal options, and existing and proposed landfills both here on Long Island and within the region will be explored.

Relevant information and findings from the latest version (2010) of NYSDEC's State Solid Waste Management Plan, entitled "Sustainable Materials Management Strategy for New York State - Beyond Waste" will be provided. The Town of Brookhaven's current LSWMP, and associated planning documents, which contain the sustainability analyses supporting the choice of WTE as the preferred solid waste management system, will be discussed in this section. Furthermore, the NYSDEC Solid Waste Management Plan, *Beyond Waste*, which establishes the hierarchy of priorities for solid waste management in the State and sets consistency standards for LSWMPs, will be examined.

Extent and Quality of Information Needed to Adequately Address Potentially Significant Adverse Impacts

In order to conduct the analyses of potential adverse impacts, publicly available information will be collected and reviewed. Additionally, studies and information from the Part 363 permit application that is being prepared for submission to the NYSDEC will be incorporated throughout the DEIS. Furthermore, on-site and area evaluations will be conducted, as necessary. While it is not possible to determine all information sources to be used, the following represent sources/research that have been preliminarily identified for inclusion in the required analyses in the DEIS.

Subsurface, Soils and Topography

- › Engineering Report and Facility Manual from Part 363 Application
- › USGS Maps and site-specific topographic surveys
- › Hydrogeological Investigation Report from Part 363 Application
- › Site-specific geotechnical information, including completed soil boring logs
- › Suffolk County Soil Survey

Water Resources

- › Engineering Report and Facility Manual from Part 363 Permit Application
- › Hydrogeological Investigation Report from Part 363 Permit Application
- › Leachate Management Plan from Part 363 Permit Application
- › USGS water table map and monitoring well data, as available
- › *Long Island Comprehensive Waste Treatment Management Plan (208 Study)*
- › *Suffolk County Comprehensive Water Resources Management Plan*
- › *Long Island Comprehensive Special Groundwater Protection Area Plan*
- › *2013 Carmans River Conservation and Management Plan*
- › *2009 Beaver Dam Creek Watershed Management Plan*
- › On-site hydrogeologic conditions, drainage characteristics, leachate characteristics
- › Stormwater Pollution Prevention Plan
- › Grading and drainage data
- › NYSDEC Freshwater Wetlands maps
- › National Wetlands Inventory maps
- › Town of Brookhaven wetlands regulations
- › Erosion and Sediment Control Plans
- › *Long Island South Shore Estuary Reserve Comprehensive Management Plan*

Ecology

- › Consultation with NYSDEC Natural Heritage Program
- › NYSDEC Environmental Resource Mapper
- › NYSDEC Nature Explorer
- › Consultation with NYSDEC
- › USFWS Information for Planning and Consultation (IPaC)
- › New York State Breeding Bird Atlas
- › Cornell Ebird
- › New York State Amphibian and Retile Atlas Project
- › Town of Brookhaven Natural Resources Inventory
- › Ecological Communities of New York State (Edinger, et al. 2014)
- › NYSDEC Freshwater Wetlands maps
- › National Wetlands Inventory maps
- › Town of Brookhaven wetlands regulations
- › Site inspection by a qualified biologist/ecologist

Land Use and Community Character

- › Town of Brookhaven Town Code
- › *1995 Brookhaven-Southaven Hamlet Study*
- › *1996 Town of Brookhaven Comprehensive Land Use Plan*
- › *2009 Greater Bellport Sustainable Community Plan*
- › *2014 Greater Bellport Land Use Plan*
- › *2015 Framework for the Future: Suffolk County Comprehensive Master Plan 2035*
- › Site and area inspections
- › Proposed conceptual site plan
- › Emergency Response Plan

Traffic and Access

- › Traffic counts
- › Roadway features data
- › Accident data
- › Traffic Capacity Analysis
- › Planned roadway/intersection improvement project data
- › *Highway Capacity Manual*, latest edition
- › Historical data and latest available information available from NYSDOT, Suffolk County Planning, Suffolk County Department of Public Works, and Town of Brookhaven
- › Highway Capacity Software

Air Quality

- › 40 CFR 50. National Primary and Secondary Ambient Air Quality Standards
- › 40 CFR 51 Appendix W. Guideline on Air Quality Models
- › New York State Department of Environmental Conservation. *Assessing Energy Use*

and Greenhouse Gas Emissions in Environmental Impact Statements

- › New York State Ambient Air Quality Reports for Region 1 and Region 2
- › NYSDEC. "Policy CP-33: Assessing and Mitigating Impacts of Fine Particulate Matter Emissions"
- › NYSDOT. "The Environmental Manual" Chapter 1.1 - Air Quality Project Environmental Guidelines
- › New York State Energy Research and Development Authority. "New York State Greenhouse Gas Emissions Inventory and Forecasts for the 2009 State Energy Plan"
- › NYSDOH. New York State Community Health Studies
- › USEPA. "Compilation of Air Pollutant Emission Factors, Volume I Chapter 1: External Combustion Sources"
- › USEPA. "Guideline for Modeling Carbon Monoxide from Roadway Intersection"

Odor

- › Odor Control Plan from Part 363 Permit Application
- › NYSDEC Air Quality Rules and Regulations
- › Town of Brookhaven Town Code
- › ASTM References on Odor Panels
- › NYSDEC-approved Town Odor Control Plans for the Existing SWMF

Noise

- › Town of Brookhaven Code Chapter 50 (Noise Ordinance)
- › 6 NYCRR Part 360.19
- › *The Environmental Manual* (TEM), NYSDOT
- › USDOT/FHWA, *FHWA Highway Construction Noise Handbook*
- › *Community Noise*, USEPA
- › *Information on Levels of Environmental Noise requisite to protect Public Health and Welfare with an Adequate Margin of Safety*, USEPA

Archaeological Resources

- › Consultation with the New York State Office of Parks, Recreation and Historic Preservation

Aesthetic Resources

- › Site and area inspections and photographs
- › Proposed Conceptual Site Plan and details
- › Cross-sections, elevations, and renderings

Solid Waste Management

- › Town of Brookhaven Local Solid Waste Management Plan
- › NYSDEC's Sustainable Materials Management Strategy for New York State - Beyond Waste
- › Engineering Report and Facility Manual from Part 363 Application
- › Town of Brookhaven Local Solid Waste Management Plan(s)
- › Town of Brookhaven LSWMP Compliance Reports
- › Town of Brookhaven Annual Planning Unit and Recycling Reports
- › Facility Manuals for the Existing SWMF
- › Town financial analysis, as available

Initial Identification of Mitigation Measures

Pursuant to the requirements of SEQRA, the Draft Scope should include an initial identification of mitigation measures. As the DEIS analyses have not been conducted, specific mitigation measures have not yet been developed. Nonetheless, where the impact analyses conducted in the DEIS indicate the potential for significant adverse impacts, this section of the DEIS will set forth measures to mitigate those impacts.

Reasonable Alternatives to be Considered

Pursuant to 6 NYCRR Part 617, the DEIS must contain a description and evaluation of reasonable alternatives to the Proposed Action. Thus, the DEIS will analyze the impacts of the following alternatives and quantitatively and qualitatively compare these impacts to those associated with implementation of the Proposed Action:

- › SEQRA-mandated No-Action alternative

Other Sections to be Included in the DEIS

Unavoidable Adverse Impacts

This section will discuss those short-term and long-term environmental impacts that can be expected to occur even with mitigation measures.

Irretrievable and Irreplaceable Commitment of Resources

An irreversible or irretrievable commitment of resources refers to impacts on or losses to resources that cannot be recovered or reversed. This section will provide a brief discussion of such resources.

Growth-Inducing Impacts

This section of the DEIS will discuss growth-inducing aspects of the proposed action, which are generally described as the long-term secondary effects of the proposed action.

Use and Conservation of Energy

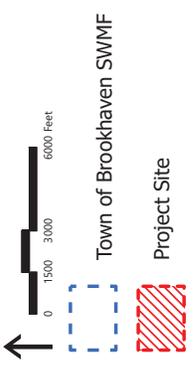
The DEIS will provide a description of the energy sources to be used during construction and operation of the proposed project. Energy conservation and sustainability practices will be discussed.



Town of Brookhaven Regional Recovery and Recycling Residue Facility | Town of Brookhaven SWMF

Site Location
 Town SWMF
 Hamlet of Yaphank
 Town of Brookhaven
 Suffolk County

Source: Google Maps Imagery, 2020



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