## Full Environmental Assessment Form Part 1 - Project and Setting

## **Instructions for Completing Part 1**

**Part 1 is to be completed by the applicant or project sponsor.** Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification.

Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information; indicate whether missing information does not exist, or is not reasonably available to the sponsor; and, when possible, generally describe work or studies which would be necessary to update or fully develop that information.

Applicants/sponsors must complete all items in Sections A & B. In Sections C, D & E, most items contain an initial question that must be answered either "Yes" or "No". If the answer to the initial question is "Yes", complete the sub-questions that follow. If the answer to the initial question is "No", proceed to the next question. Section F allows the project sponsor to identify and attach any additional information. Section G requires the name and signature of the project sponsor to verify that the information contained in Part 1 is accurate and complete.

### A. Project and Sponsor Information.

Name of Action or Project:			
5			
Project Location (describe, and attach a general location map):			
Brief Description of Proposed Action (include purpose or need):			
f = f = f = ( f = f = f = ).			
Name of Applicant/Sponsor:	Telephone:		
	E-Mail:		
Address:			
	1	1	
City/PO:	State:	Zip Code:	
Project Contact (if not same as sponsor; give name and title/role):	Telephone:	1	
	E-Mail:		
Address:			
City/PO:	State:	Zip Code:	
Property Owner (if not same as sponsor):	Telephone:		
	E-Mail:		
Address:			
City/PO:	State:	Zip Code:	
•		*	

### **B.** Government Approvals

<b>B.</b> Government Approvals, Funding, or Sponsorship.	("Funding"	'includes grants,	loans, t	tax relief,	and any c	other forms	of financial
assistance.)							

Government E	ntity	If Yes: Identify Agency and Approval(s) Required		ation Date r projected)
a. City Council, Town Board or Village Board of Truste				
b. City, Town or Village Planning Board or Commis	$\Box \text{ Yes } \Box \text{ No}$			
c. City Council, Town or Village Zoning Board of A	□ Yes □ No .ppeals			
d. Other local agencies	$\Box$ Yes $\Box$ No			
e. County agencies	$\Box$ Yes $\Box$ No			
f. Regional agencies	$\Box$ Yes $\Box$ No			
g. State agencies	$\Box$ Yes $\Box$ No			
h. Federal agencies	$\Box$ Yes $\Box$ No			
<ul><li>i. Coastal Resources.</li><li><i>i</i>. Is the project site within</li></ul>	n a Coastal Area, c	or the waterfront area of a Designated Inland Wate	rway?	□ Yes □ No
<i>ii</i> . Is the project site locate <i>iii</i> . Is the project site within		with an approved Local Waterfront Revitalization Hazard Area?	Program?	□ Yes □ No □ Yes □ No

## C. Planning and Zoning

C.1. Planning and zoning actions.	
<ul> <li>Will administrative or legislative adoption, or amendment of a plan, local law, ordinance, rule or regulation be the only approval(s) which must be granted to enable the proposed action to proceed?</li> <li>If Yes, complete sections C, F and G.</li> <li>If No, proceed to question C.2 and complete all remaining sections and questions in Part 1</li> </ul>	□ Yes □ No
C.2. Adopted land use plans.	
a. Do any municipally- adopted (city, town, village or county) comprehensive land use plan(s) include the site where the proposed action would be located?	□ Yes □ No
If Yes, does the comprehensive plan include specific recommendations for the site where the proposed action would be located?	□ Yes □ No
<ul><li>b. Is the site of the proposed action within any local or regional special planning district (for example: Greenway Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; or other?)</li><li>If Yes, identify the plan(s):</li></ul>	□ Yes □ No
<ul> <li>c. Is the proposed action located wholly or partially within an area listed in an adopted municipal open space plan, or an adopted municipal farmland protection plan?</li> <li>If Yes, identify the plan(s):</li> </ul>	□ Yes □ No

C.3. Zoning	
a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance. If Yes, what is the zoning classification(s) including any applicable overlay district?	□ Yes □ No
b. Is the use permitted or allowed by a special or conditional use permit? Project is Exempt	$\Box$ Yes $\Box$ No
<ul> <li>c. Is a zoning change requested as part of the proposed action?</li> <li>If Yes,</li> <li><i>i</i>. What is the proposed new zoning for the site?</li> </ul>	□ Yes □ No
C.4. Existing community services.	
a. In what school district is the project site located?	
b. What police or other public protection forces serve the project site?	
c. Which fire protection and emergency medical services serve the project site?	
d. What parks serve the project site?	

## D. Project Details

## D.1. Proposed and Potential Development

a. What is the general nature of the proposed action (e.g., residential, industrial, components)?	commercial, recreational; if	<sup>2</sup> mixed, include all
b. a. Total acreage of the site of the proposed action?	acres	
b. Total acreage to be physically disturbed?	acres	
c. Total acreage (project site and any contiguous properties) owned		
or controlled by the applicant or project sponsor?	acres	
c. Is the proposed action an expansion of an existing project or use?		$\Box$ Yes $\Box$ No
<i>i.</i> If Yes, what is the approximate percentage of the proposed expansion and ic square feet)? % Units:	•	, miles, housing units,
d. Is the proposed action a subdivision, or does it include a subdivision?		$\Box$ Yes $\Box$ No
If Yes,		
<i>i</i> . Purpose or type of subdivision? (e.g., residential, industrial, commercial; if n	nixed, specify types)	
<i>ii.</i> Is a cluster/conservation layout proposed?		$\Box$ Yes $\Box$ No
<i>iii</i> . Number of lots proposed?		
<i>iv.</i> Minimum and maximum proposed lot sizes? Minimum Maxi	imum	
e. Will proposed action be constructed in multiple phases?		$\Box$ Yes $\Box$ No
<i>i</i> . If No, anticipated period of construction:	months	
ii. If Yes:		
Total number of phases anticipated		
• Anticipated commencement date of phase 1 (including demolition)	month yea	r
Anticipated completion date of final phase	monthyear	r
	· · · · · · · · · · · · · · · · · · ·	progress of one phase may

	et include new resid				$\Box$ Yes $\Box$ No
If Yes, show num	bers of units propo				
	One Family	<u>Two Family</u>	Three Family	Multiple Family (four or more)	
Initial Phase					
At completion					
of all phases					
g. Does the prope	osed action include	new non-residentia	al construction (inclu	ding expansions)?	□ Yes □ No
If Yes,					
<i>i</i> . Total number	of structures				
<i>ii</i> . Dimensions (	in feet) of largest p	roposed structure:	height;	width; andlength	
	-	-		square feet	
				l result in the impoundment of any	$\Box$ Yes $\Box$ No
	s creation of a wate	r supply, reservoir,	pond, lake, waste la	agoon or other storage?	
If Yes,	•				
<i>i</i> . Purpose of the	e impoundment:	cipal source of the		□ Ground water □ Surface water stream	→ □ Other specify:
<i>ll</i> . If a water imp	oundment, the prin	cipal source of the	water:	□ Ground water □ Surface water suear	ms $\Box$ Other specify.
<i>iii</i> . If other than w	vater, identify the t	ype of impounded/o	contained liquids and	d their source.	
iv Approximate	size of the propose	d impoundment	Volume	million gallons; surface area:	acres
v. Dimensions of	f the proposed dam	or impounding str	ucture:	height; length	acits
				ucture (e.g., earth fill, rock, wood, cond	crete):
		± ±		· · · · ·	·
D.2. Project Op	erations				
a. Does the propo	osed action include	any excavation, mi	ning, or dredging, di	uring construction, operations, or both?	$\Box$ Yes $\Box$ No
(Not including	general site prepara			or foundations where all excavated	
materials will r	emain onsite)				
If Yes:					
<i>i</i> .What is the pu	rpose of the excave	ation or dredging?			
<i>ii</i> . How much ma	terial (including ro	ck, earth, sediments	s, etc.) is proposed to	b be removed from the site?	
		?		ged, and plans to use, manage or dispose	- f 41
III. Describe natu	re and characteristi	cs of materials to b	e excavated or dreug	ged, and plans to use, manage or dispose	e of them.
iv. Will there be	onsite dewatering	or processing of ex	cavated materials?		$\Box$ Yes $\Box$ No
<i>v</i> . What is the to	tal area to be dredg	ged or excavated? _		acres	
vi. What is the m	aximum area to be	worked at any one	time?	acres	
			or dredging?	feet	
	vation require blas				$\Box$ Yes $\Box$ No
				· · · · · · · · · · · · · · · · · · ·	
	. I Con source	in alteration	. C. 1	in the formation of the sector	
				crease in size of, or encroachment	$\Box$ Yes $\Box$ No
Into any existi If Yes:	ng wettanu, watero	ody, snorenne, bea	ch or adjacent area?		
	etland or waterbod	which would be:	affected (by name, y	vater index number, wetland map numb	er or geographic
•		•		vater meex number, wettand map numb	
,					

<i>ii</i> . Describe how the proposed action would affect that waterbody or wetland, e.g. excavation, fill, placer alteration of channels, banks and shorelines. Indicate extent of activities, alterations and additions in second	
<i>iii.</i> Will proposed action cause or result in disturbance to bottom sediments? If Yes, describe:	$\Box$ Yes $\Box$ No
If Yes, describe:	□ Yes □ No
acres of aquatic vegetation proposed to be removed:	
expected acreage of aquatic vegetation remaining after project completion:	
purpose of proposed removal (e.g. beach clearing, invasive species control, boat access):	
proposed method of plant removal:	
• if chemical/herbicide treatment will be used, specify product(s):	
v. Describe any proposed reclamation/mitigation following disturbance:	
e. Will the proposed action use, or create a new demand for water?	□ Yes □ No
f Yes:	
<i>i</i> . Total anticipated water usage/demand per day: gallons/day	
<i>ii.</i> Will the proposed action obtain water from an existing public water supply? f Yes:	$\Box$ Yes $\Box$ No
Name of district or service area:	
<ul> <li>Does the existing public water supply have capacity to serve the proposal?</li> </ul>	□ Yes □ No
<ul> <li>Is the project site in the existing district?</li> </ul>	$\Box$ Yes $\Box$ No
<ul> <li>Is expansion of the district needed?</li> </ul>	$\Box$ Yes $\Box$ No
• Do existing lines serve the project site?	$\Box$ Yes $\Box$ No
<i>ii.</i> Will line extension within an existing district be necessary to supply the project? Yes:	$\Box$ Yes $\Box$ No
Describe extensions or capacity expansions proposed to serve this project:	
Source(s) of supply for the district:	
<i>iv.</i> Is a new water supply district or service area proposed to be formed to serve the project site? f, Yes:	$\Box$ Yes $\Box$ No
Applicant/sponsor for new district:	
Date application submitted or anticipated:	
Proposed source(s) of supply for new district:	
<i>v</i> . If a public water supply will not be used, describe plans to provide water supply for the project:	
<i>vi</i> . If water supply will be from wells (public or private), maximum pumping capacity: gallons/m	inute.
I. Will the proposed action generate liquid wastes?	$\Box$ Yes $\Box$ No
f Yes:	
<i>i.</i> Total anticipated liquid waste generation per day: gallons/day <i>ii.</i> Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combination, describe a	all components and
approximate volumes or proportions of each):	
<i>ii.</i> Will the proposed action use any existing public wastewater treatment facilities? If Yes:	□ Yes □ No
Name of wastewater treatment plant to be used:	
Name of district:	
• Does the existing wastewater treatment plant have capacity to serve the project?	□ Yes □ No
• Is the project site in the existing district?	$\Box$ Yes $\Box$ No
• Is expansion of the district needed?	$\Box$ Yes $\Box$ No

• Do existing sewer lines serve the project site?	$\Box$ Yes $\Box$ No
• Will line extension within an existing district be necessary to serve the project?	□ Yes □ No
If Yes:	= 105 = 110
Describe extensions or capacity expansions proposed to serve this project:	
	. <u></u>
<i>iv.</i> Will a new wastewater (sewage) treatment district be formed to serve the project site?	□ Yes □ No
If Yes:	
Applicant/sponsor for new district:	
Date application submitted or anticipated:	
What is the receiving water for the wastewater discharge?	
v. If public facilities will not be used, describe plans to provide wastewater treatment for the project, including spec	ifving proposed
receiving water (name and classification if surface discharge, or describe subsurface disposal plans):	
<i>vi</i> . Describe any plans or designs to capture, recycle or reuse liquid waste:	
e. Will the proposed action disturb more than one acre and create stormwater runoff, either from new point	$\Box$ Yes $\Box$ No
sources (i.e. ditches, pipes, swales, curbs, gutters or other concentrated flows of stormwater) or non-point	
source (i.e. sheet flow) during construction or post construction?	
If Yes:	
<i>i</i> . How much impervious surface will the project create in relation to total size of project parcel?	
Square feet or acres (impervious surface)	
Square feet or acres (parcel size)	
<i>ii.</i> Describe types of new point sources.	
<i>iii.</i> Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent p groundwater, on-site surface water or off-site surface waters)?	roperties,
If to surface waters, identify receiving water bodies or wetlands:	
• Will stormwater runoff flow to adjacent properties?	$\Box$ Yes $\Box$ No
<i>iv.</i> Does proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater?	$\Box$ Yes $\Box$ No
f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel	$\Box$ Yes $\Box$ No
combustion, waste incineration, or other processes or operations?	
If Yes, identify:	
<i>i</i> . Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles)	
<i>ii</i> . Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers)	
<i>iii</i> . Stationary sources during operations (e.g., process emissions, large boilers, electric generation)	
g. Will any air emission sources named in D.2.f (above), require a NY State Air Registration, Air Facility Permit,	□ Yes □ No
or Federal Clean Air Act Title IV or Title V Permit?	
or Federal Clean Air Act Title IV or Title V Permit?	
If Yes:	
If Yes: <i>i</i> . Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet	□ Yes □ No
<ul><li>If Yes:</li><li><i>i</i>. Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year)</li></ul>	
<ul> <li>If Yes:</li> <li><i>i</i>. Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year)</li> <li><i>ii</i>. In addition to emissions as calculated in the application, the project will generate:</li> </ul>	
<ul><li>If Yes:</li><li><i>i</i>. Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year)</li></ul>	
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<ul> <li>If Yes:</li> <li><i>i</i>. Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year)</li> <li><i>ii</i>. In addition to emissions as calculated in the application, the project will generate: <ul> <li>Tons/year (short tons) of Carbon Dioxide (CO<sub>2</sub>)</li> <li>Tons/year (short tons) of Nitrous Oxide (N<sub>2</sub>O)</li> </ul> </li> </ul>	
<ul> <li>If Yes:</li> <li><i>i</i>. Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year)</li> <li><i>ii</i>. In addition to emissions as calculated in the application, the project will generate: <ul> <li>Tons/year (short tons) of Carbon Dioxide (CO<sub>2</sub>)</li> <li>Tons/year (short tons) of Nitrous Oxide (N<sub>2</sub>O)</li> <li>Tons/year (short tons) of Perfluorocarbons (PFCs)</li> </ul> </li> </ul>	
<ul> <li>If Yes:</li> <li><i>i</i>. Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year)</li> <li><i>ii</i>. In addition to emissions as calculated in the application, the project will generate: <ul> <li>Tons/year (short tons) of Carbon Dioxide (CO<sub>2</sub>)</li> <li>Tons/year (short tons) of Nitrous Oxide (N<sub>2</sub>O)</li> <li>Tons/year (short tons) of Perfluorocarbons (PFCs)</li> <li>Tons/year (short tons) of Sulfur Hexafluoride (SF<sub>6</sub>)</li> </ul> </li> </ul>	
<ul> <li>If Yes:</li> <li><i>i.</i> Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year)</li> <li><i>ii.</i> In addition to emissions as calculated in the application, the project will generate: <ul> <li>Tons/year (short tons) of Carbon Dioxide (CO<sub>2</sub>)</li> <li>Tons/year (short tons) of Nitrous Oxide (N<sub>2</sub>O)</li> <li>Tons/year (short tons) of Perfluorocarbons (PFCs)</li> <li>Tons/year (short tons) of Sulfur Hexafluoride (SF<sub>6</sub>)</li> <li>Tons/year (short tons) of Carbon Dioxide equivalent of Hydroflourocarbons (HFCs)</li> </ul> </li> </ul>	
<ul> <li>If Yes:</li> <li><i>i.</i> Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year)</li> <li><i>ii.</i> In addition to emissions as calculated in the application, the project will generate: <ul> <li>Tons/year (short tons) of Carbon Dioxide (CO<sub>2</sub>)</li> <li>Tons/year (short tons) of Nitrous Oxide (N<sub>2</sub>O)</li> <li>Tons/year (short tons) of Perfluorocarbons (PFCs)</li> <li>Tons/year (short tons) of Sulfur Hexafluoride (SF<sub>6</sub>)</li> </ul> </li> </ul>	

<ul> <li>h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)?</li> <li>If Yes: <ul> <li><i>i</i>. Estimate methane generation in tons/year (metric):</li></ul></li></ul>	□ Yes □ No
<ul> <li>i. Will the proposed action result in the release of air pollutants from open-air operations or processes, such as quarry or landfill operations?</li> <li>If Yes: Describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust):</li> </ul>	□ Yes □ No
<ul> <li>j. Will the proposed action result in a substantial increase in traffic above present levels or generate substantial new demand for transportation facilities or services?</li> <li>If Yes: <ul> <li><i>i</i>. When is the peak traffic expected (Check all that apply):</li> <li>□ Morning</li> <li>□ Evening</li> <li>□ Weekend</li> <li>□ Randomly between hours of to</li> <li><i>ii</i>. For commercial activities only, projected number of semi-trailer truck trips/day:</li></ul></li></ul>	□ Yes □ No
<ul> <li><i>iv.</i> Does the proposed action include any shared use parking?</li> <li><i>v.</i> If the proposed action includes any modification of existing roads, creation of new roads or change in existing a</li> </ul>	$\Box$ Yes $\Box$ No
<ul> <li><i>vi.</i> Are public/private transportation service(s) or facilities available within ½ mile of the proposed site?</li> <li><i>vii</i> Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles?</li> <li><i>viii</i>. Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes?</li> </ul>	□ Yes □ No □ Yes □ No □ Yes □ No
<ul> <li>k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy?</li> <li>If Yes: <ul> <li><i>i</i>. Estimate annual electricity demand during operation of the proposed action:</li> <li><i>ii</i>. Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/le</li> </ul></li></ul>	□ Yes □ No
other): <i>iii.</i> Will the proposed action require a new, or an upgrade to, an existing substation?	□ Yes □ No
1. Hours of operation. Answer all items which apply.       *         i. During Construction:       ii. During Operations:         • Monday - Friday:       •         • Saturday:       •         • Sunday:       •         • Holidays:       •         • Holidays:       •	

\*During power outages and periodic testing (app. 1-2 hours a month).

<ul> <li>m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both?</li> <li>If yes:</li> <li><i>i.</i> Provide details including sources, time of day and duration:</li> </ul>	□ Yes □ No
<i>ii.</i> Will proposed action remove existing natural barriers that could act as a noise barrier or screen? Describe:	□ Yes □ No
Will the menored option have surtice a lighting?	□ Yes □ No
<ul><li>n Will the proposed action have outdoor lighting?</li><li>If yes:</li><li><i>i</i>. Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:</li></ul>	
<i>ii.</i> Will proposed action remove existing natural barriers that could act as a light barrier or screen? Describe:	□ Yes □ No
<ul> <li>Does the proposed action have the potential to produce odors for more than one hour per day?</li> <li>If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures:</li> </ul>	□ Yes □ No
<ul> <li>p. Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons) or chemical products 185 gallons in above ground storage or any amount in underground storage?</li> <li>If Yes: <ul> <li>i. Product(s) to be stored</li> </ul> </li> </ul>	□ Yes □ No
<i>ii.</i> Volume(s) per unit time (e.g., month, year) <i>iii.</i> Generally describe proposed storage facilities:	
<ul> <li>q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation?</li> <li>If Yes: <ul> <li><i>i</i>. Describe proposed treatment(s):</li> </ul> </li> </ul>	□ Yes □ No
<i>ii.</i> Will the proposed action use Integrated Pest Management Practices?	□ Yes □ No
<ul> <li>r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)?</li> <li>If Yes:</li> </ul>	
<i>i</i> . Describe any solid waste(s) to be generated during construction or operation of the facility:	
<ul> <li>Construction: tons per (unit of time)</li> <li>Operation : tons per (unit of time)</li> </ul>	
<ul> <li><i>ii.</i> Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste</li> <li>Construction:</li></ul>	:
Operation:	
<ul> <li><i>iii.</i> Proposed disposal methods/facilities for solid waste generated on-site:</li> <li>Construction:</li></ul>	
Operation:	

s. Does the proposed action include construction or modification of a solid waste management facility?	□ Yes □ No
If Yes:	
<i>i</i> . Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting,	landfill, or
other disposal activities):	
<i>ii</i> . Anticipated rate of disposal/processing:	
• Tons/month, if transfer or other non-combustion/thermal treatment, or	
Tons/hour, if combustion or thermal treatment	
iii. If landfill, anticipated site life: years	
t. Will proposed action at the site involve the commercial generation, treatment, storage, or disposal of hazardous	$\Box$ Yes $\Box$ No
waste?	
If Yes:	
<i>i</i> . Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility:	
<i>ii</i> . Generally describe processes or activities involving hazardous wastes or constituents:	
<i>iii</i> . Specify amount to be handled or generated tons/month	
<i>iv.</i> Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents:	
v. Will any hazardous wastes be disposed at an existing offsite hazardous waste facility?	$\Box$ Yes $\Box$ No
If Yes: provide name and location of facility:	
If No: describe proposed management of any hazardous wastes which will not be sent to a hazardous waste facility:	
E. Site and Setting of Proposed Action	
E.1. Land uses on and surrounding the project site	
a. Existing land uses.	
<i>i</i> . Check all uses that occur on, adjoining and near the project site.	
□ Urban □ Industrial □ Commercial □ Residential (suburban) □ Rural (non-farm)	

□ Forest	□ Agriculture	□ Aquatic	□ Other (specify):	
<i>ii</i> . If mix o	of uses, generall	y describe:		

_				
b.	Land uses and covertypes on the project site.			
	Land use or Covertype	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
•	Roads, buildings, and other paved or impervious surfaces			
٠	Forested			
•	Meadows, grasslands or brushlands (non- agricultural, including abandoned agricultural)			
•	Agricultural (includes active orchards, field, greenhouse etc.)			
•	Surface water features (lakes, ponds, streams, rivers, etc.)			
٠	Wetlands (freshwater or tidal)			
٠	Non-vegetated (bare rock, earth or fill)			
•	Other Describe:			

<ul><li>c. Is the project site presently used by members of the community for public recreation?</li><li><i>i.</i> If Yes: explain:</li></ul>	$\Box$ Yes $\Box$ No
<ul> <li>d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers, or group homes) within 1500 feet of the project site?</li> <li>If Yes,</li> <li><i>i.</i> Identify Facilities:</li> </ul>	□ Yes □ No
e. Does the project site contain an existing dam? If Yes:	□ Yes □ No
<i>i</i> . Dimensions of the dam and impoundment:	
• Dam height: feet	
• Dam length: feet	
Surface area:acres	
Volume impounded: gallons OR acre-feet      ii. Dam's existing hazard classification:	
<i>iii.</i> Provide date and summarize results of last inspection:	
f. Has the project site ever been used as a municipal, commercial or industrial solid waste management facility, or does the project site adjoin property which is now, or was at one time, used as a solid waste management facility fees:	□ Yes □ No lity?
<i>i</i> . Has the facility been formally closed?	□ Yes □ No
If yes, cite sources/documentation:	
ii. Describe the location of the project site relative to the boundaries of the solid waste management facility:	
<i>iii</i> . Describe any development constraints due to the prior solid waste activities:	
g. Have hazardous wastes been generated, treated and/or disposed of at the site, or does the project site adjoin property which is now or was at one time used to commercially treat, store and/or dispose of hazardous waste? If Yes:	□ Yes □ No
<i>i</i> . Describe waste(s) handled and waste management activities, including approximate time when activities occurr	ed:
<ul> <li>h. Potential contamination history. Has there been a reported spill at the proposed project site, or have any remedial actions been conducted at or adjacent to the proposed site?</li> <li>If Yes:</li> </ul>	□ Yes □ No
<i>i</i> . Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? Check all that apply:	$\Box$ Yes $\Box$ No
□ Yes – Spills Incidents database Provide DEC ID number(s):	
<ul> <li>□ Yes – Environmental Site Remediation database</li> <li>□ Neither database</li> <li>Provide DEC ID number(s):</li> </ul>	<u> </u>
<i>ii</i> . If site has been subject of RCRA corrective activities, describe control measures:	
<i>iii.</i> Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? If yes, provide DEC ID number(s):	□ Yes □ No
<i>iv.</i> If yes to (i), (ii) or (iii) above, describe current status of site(s):	

v. Is the project site subject to an institutional control limiting property uses?	$\Box$ Yes $\Box$ No
If yes, DEC site ID number:	
<ul> <li>Describe the type of institutional control (e.g., deed restriction or easement):</li> <li>Describe any use limitations:</li> </ul>	
Describe any engineering controls:	
• Will the project affect the institutional or engineering controls in place?	$\Box$ Yes $\Box$ No
• Explain:	
E.2. Natural Resources On or Near Project Site	
a. What is the average depth to bedrock on the project site? feet	
b. Are there bedrock outcroppings on the project site?	$\Box$ Yes $\Box$ No
If Yes, what proportion of the site is comprised of bedrock outcroppings?%	
c. Predominant soil type(s) present on project site:	
9	
d. What is the average depth to the water table on the project site? Average: feet	• 
e. Drainage status of project site soils: □       Well Drained:      % of site         □       Moderately Well Drained:      % of site	
Departs Depined 0/ of site	
In Poorly Drained      % of site         f. Approximate proportion of proposed action site with slopes:       Image: O-10%:      % of site         Image: Image: Image: O-10%:      % of site      % of site         Image: Image: Image: Image: O-10%:      % of site      % of site	
$\Box 10-15\%: \qquad \qquad$	
$\Box$ 15% or greater:% of site	
g. Are there any unique geologic features on the project site?	$\Box$ Yes $\Box$ No
If Yes, describe:	
h. Surface water features.	
<i>i</i> . Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)?	$\Box$ Yes $\Box$ No
<i>ii.</i> Do any wetlands or other waterbodies adjoin the project site?	$\Box$ Yes $\Box$ No
If Yes to either <i>i</i> or <i>ii</i> , continue. If No, skip to E.2.i.	
<i>iii.</i> Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal,	$\Box$ Yes $\Box$ No
state or local agency? <i>iv.</i> For each identified regulated wetland and waterbody on the project site, provide the following information:	
Streams: Name Classification	
• Lakes or Ponds: Name Classification	
Wetlands: Name Approximate Size Approximate Size	
• Wetland No. (if regulated by DEC)	□ Yes □ No
waterbodies?	
If yes, name of impaired water body/bodies and basis for listing as impaired:	
i. Is the project site in a designated Floodway?	□ Yes □ No
j. Is the project site in the 100 year Floodplain?	□ Yes □ No
k. Is the project site in the 500 year Floodplain?	$\Box$ Yes $\Box$ No
1. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer?	$\Box$ Yes $\Box$ No
If Yes: <i>i</i> . Name of aquifer:	
* Tune of uquitit	

m. Identify the predominant wildlife species that occupy or use	the project site:	
	<u> </u>	
<ul> <li>n. Does the project site contain a designated significant natural of If Yes:</li> <li><i>i</i>. Describe the habitat/community (composition, function, and</li> </ul>	-	□ Yes □ No
ii Source(s) of description or avaluation:		
<i>ii</i> . Source(s) of description or evaluation:		
Commentation	acres	
• Following completion of project as proposed:		
• Gain or loss (indicate + or -):	acres	
o. Does project site contain any species of plant or animal that is	s listed by the federal government or NYS as	□ Yes □ No
endangered or threatened, or does it contain any areas identifi		cies?
p. Does the project site contain any species of plant or animal the	nat is listed by NVS as rare, or as a species of	□ Yes □ No
special concern?	fur is listed by 1015 as fure, of as a species of	103 - 110
-F		
q. Is the project site or adjoining area currently used for hunting	, trapping, fishing or shell fishing?	□ Yes □ No
If yes, give a brief description of how the proposed action may a		
E 2 Designated Dublis Descurres On on Near Draiset Site	<u> </u>	
E.3. Designated Public Resources On or Near Project Site		
a. Is the project site, or any portion of it, located in a designated Agriculture and Markets Law, Article 25-AA, Section 303 and		$\Box$ Yes $\Box$ No
If Yes, provide county plus district name/number:		
b. Are agricultural lands consisting of highly productive soils pr		$\Box$ Yes $\Box$ No
<i>i.</i> If Yes: acreage(s) on project site?		
<i>ii</i> . Source(s) of soil rating(s):		
c. Does the project site contain all or part of, or is it substantial	y contiguous to, a registered National	$\Box$ Yes $\Box$ No
Natural Landmark?		
If Yes:		
<i>i</i> . Nature of the natural landmark:		
<i>ii</i> . Provide brief description of landmark, including values beh	and designation and approximate size/extent:	
d. Is the project site located in or does it adjoin a state listed Cri	tical Environmental Area?	$\Box$ Yes $\Box$ No
If Yes:		
<i>i</i> . CEA name:		
$\mu$ Basis for designation:		
iii. Designating agency and date:		

<ul> <li>e. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on, or has been nominated by the NYS Board of Historic Preservation for inclusion on, the State or National Register of Historic Places?</li> <li>If Yes: <ul> <li>i. Nature of historic/archaeological resource:</li> <li>In Archaeological Site</li> <li>In Historic Building or District</li> </ul> </li> <li>ii. Name:</li> </ul>	Yes No
iii. Brief description of attributes on which listing is based:	
f. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory?	Yes No
<ul> <li>g. Have additional archaeological or historic site(s) or resources been identified on the project site?</li> <li>If Yes: <ul> <li>i. Describe possible resource(s):</li> <li>ii. Basis for identification:</li> </ul> </li> </ul>	Yes No
<ul> <li>h. Is the project site within fives miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource?</li> <li>If Yes: <ul> <li>i. Identify resource:</li> </ul> </li> </ul>	∐Yes <b>Ø</b> No
ii. Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or	scenic byway,
iii. Distance between project and resource: miles.	
<ul> <li>i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR 666?</li> <li>If Yes: <ul> <li>i. Identify the name of the river and its designation:</li> </ul> </li> </ul>	Yes No
<i>ii.</i> Is the activity consistent with development restrictions contained in 6NYCRR Part 666?	Yes No

### **F. Additional Information**

Attach any additional information which may be needed to clarify your project.

If you have identified any adverse impacts which could be associated with your proposal, please describe those impacts plus any measures which you propose to avoid or minimize them.

### G. Verification

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

 Applicant/Sponsor Name
 Sufficient Guary warm dars
 Date
 III 20119

 Signature
 Signature
 Signature
 Title
 Delars
 CEO Olena Trons

**PRINT FORM** 

Page 13 of 13

Mayfair Drive, Cold Spring Harbor

Date :

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

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.

#### Impact on Land 1.

1.	Impact on Land			
	Proposed action may involve construction on, or physical alteration of,	□ NO		YES
	the land surface of the proposed site. (See Part 1. D.1)			
	If "Yes", answer questions a - j. If "No", move on to Section 2.			
		Relevant	No, or	Moderate

	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		
b. The proposed action may involve construction on slopes of 15% or greater.	E2f		
c. The proposed action may involve construction on land where bedrock is exposed, or generally within 5 feet of existing ground surface.	E2a		
d. The proposed action may involve the excavation and removal of more than 1,000 tons of natural material.	D2a		
e. The proposed action may involve construction that continues for more than one year or in multiple phases.	Dle		
f. The proposed action may result in increased erosion, whether from physical disturbance or vegetation removal (including from treatment by herbicides).	D2e, D2q		
g. The proposed action is, or may be, located within a Coastal Erosion hazard area.	Bli		
h. Other impacts:			

The proposed action may result in the modification or destruction of, or inhib access to, any unique or unusual land forms on the site (e.g., cliffs, dunes, minerals, fossils, caves). (See Part 1. E.2.g) <i>If "Yes", answer questions a - c. If "No", move on to Section 3.</i>	Dit □ NC		YES
	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		
<ul> <li>b. The proposed action may affect or is adjacent to a geological feature listed as a registered National Natural Landmark.</li> <li>Specific feature:</li></ul>	E3c		
c. Other impacts:			
			I
<ul> <li>3. Impacts on Surface Water</li> <li>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)</li> <li>If "Yes", answer questions a - l. If "No", move on to Section 4.</li> </ul>	□ NC		YES
	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		
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		
c. The proposed action may involve dredging more than 100 cubic yards of material from a wetland or water body.	D2a		
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		
e. The proposed action may create turbidity in a waterbody, either from upland erosion, runoff or by disturbing bottom sediments.	D2a, D2h		
f. The proposed action may include construction of one or more intake(s) for withdrawal of water from surface water.	D2c		
g. The proposed action may include construction of one or more outfall(s) for discharge of wastewater to surface water(s).	D2d		
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		
i. The proposed action may affect the water quality of any water bodies within or downstream of the site of the proposed action.	E2h		
j. The proposed action may involve the application of pesticides or herbicides in or around any water body.	D2q, E2h		
	1		1

1. Other impacts:			
<ul> <li>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 aquife (See Part 1. D.2.a, D.2.c, D.2.d, D.2.p, D.2.q, D.2.t) If "Yes", answer questions a - h. If "No", move on to Section 5.</li></ul>	□ NC er.		YES
	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		
<ul> <li>b. Water supply demand from the proposed action may exceed safe and sustainable withdrawal capacity rate of the local supply or aquifer. Cite Source:</li></ul>	D2c		
c. The proposed action may allow or result in residential uses in areas without water and sewer services.	D1a, D2c		
d. The proposed action may include or require wastewater discharged to groundwater.	D2d, E2l		
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		
f. The proposed action may require the bulk storage of petroleum or chemical products over ground water or an aquifer.	D2p, E2l		
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		
h. Other impacts:			

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

g. Other impacts:			
<ul> <li>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) If "Yes", answer questions a - f. If "No", move on to Section 7. </li> </ul>	□ NO		YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
<ul> <li>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: <ol> <li>More than 1000 tons/year of carbon dioxide (CO<sub>2</sub>)</li> <li>More than 3.5 tons/year of nitrous oxide (N<sub>2</sub>O)</li> <li>More than 1000 tons/year of carbon equivalent of perfluorocarbons (PFCs)</li> <li>More than .045 tons/year of sulfur hexafluoride (SF<sub>6</sub>)</li> <li>More than 1000 tons/year of carbon dioxide equivalent of hydrochloroflourocarbons (HFCs) emissions</li> <li>vi. 43 tons/year or more of methane</li> </ol> </li> </ul>	D2g D2g D2g D2g D2g D2g D2h		
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		
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		
d. The proposed action may reach 50% of any of the thresholds in "a" through "c", above.	D2g		
e. The proposed action may result in the combustion or thermal treatment of more than 1 ton of refuse per hour.	D2s		
f. Other impacts:			

7. Impact on Plants and Animals The proposed action may result in a loss of flora or fauna. (See Part 1. E.2. mq.) If "Yes", answer questions a - j. If "No", move on to Section 8.			□ 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		
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.	E2o		
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		
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.	E2p		

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	
f. The proposed action may result in the removal of, or ground disturbance in, any portion of a designated significant natural community. Source:	E2n	
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	
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	
i. Proposed action (commercial, industrial or recreational projects, only) involves use of herbicides or pesticides.	D2q	
j. Other impacts:		

<b>8.</b> Impact on Agricultural Resources The proposed action may impact agricultural resources. (See Part 1. E.3.a. and b.) <i>If "Yes", answer questions a - h. If "No", move on to Section 9.</i>			□ YES	
	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			
b. The proposed action may sever, cross or otherwise limit access to agricultural land (includes cropland, hayfields, pasture, vineyard, orchard, etc).	E1a, Elb			
c. The proposed action may result in the excavation or compaction of the soil profile of active agricultural land.	E3b			
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			
e. The proposed action may disrupt or prevent installation of an agricultural land management system.	El a, E1b			
<li>f. The proposed action may result, directly or indirectly, in increased development potential or pressure on farmland.</li>	C2c, C3, D2c, D2d			
g. The proposed project is not consistent with the adopted municipal Farmland Protection Plan.	C2c			
h. Other impacts:				

<ul> <li>9. Impact on Aesthetic Resources</li> <li>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.)</li> <li>If "Yes", answer questions a - g. If "No", go to Section 10.</li> </ul>	□ N0	D 🗆	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		
b. The proposed action may result in the obstruction, elimination or significant screening of one or more officially designated scenic views.	E3h, C2b		
<ul><li>c. The proposed action may be visible from publicly accessible vantage points:</li><li>i. Seasonally (e.g., screened by summer foliage, but visible during other seasons)</li><li>ii. Year round</li></ul>	E3h		
<ul><li>d. The situation or activity in which viewers are engaged while viewing the proposed action is:</li><li>i. Routine travel by residents, including travel to and from work</li><li>ii. Recreational or tourism based activities</li></ul>	E3h E2q, E1c		
e. The proposed action may cause a diminishment of the public enjoyment and appreciation of the designated aesthetic resource.	E3h		
<ul> <li>f. There are similar projects visible within the following distance of the proposed project:</li> <li>0-1/2 mile</li> <li>1/2 -3 mile</li> <li>3-5 mile</li> <li>5+ mile</li> </ul>	D1a, E1a, D1f, D1g		
g. Other impacts:			
<ol> <li>Impact on Historic and Archeological Resources         The proposed action may occur in or adjacent to a historic or archaeological     </li> </ol>			YES

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.			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 or has been nominated by the NYS Board of Historic Preservation for inclusion on the State or National Register of Historic Places.	E3e		
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		
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		

d. Other impacts:			
e. If any of the above (a-d) are answered "Yes", 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		
ii. The proposed action may result in the alteration of the property's setting or integrity.	E3e, E3f, E3g, E1a, E1b		
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		
<ul> <li>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.) If "Yes", answer questions a - e. If "No", go to Section 12.</li></ul>		D 🗆	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		
b. The proposed action may result in the loss of a current or future recreational resource.	C2a, E1c, C2c, E2q		
c. The proposed action may eliminate open space or recreational resource in an area with few such resources.	C2a, C2c E1c, E2q		
d. The proposed action may result in loss of an area now used informally by the community as an open space resource.	C2c, E1c		
e. Other impacts:			
<b>12. Impact on Critical Environmental Areas</b> 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>		D 🗆	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		
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		
c. Other impacts:			

<ul> <li>13. Impact on Transportation The proposed action may result in a change to existing transportation systems (See Part 1. D.2.j) If "Yes", answer questions a - g. If "No", go to Section 14. </li> </ul>	. 🗆 NO		YES
	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		
b. The proposed action may result in the construction of paved parking area for 500 or more vehicles.	D2j		
c. The proposed action will degrade existing transit access.	D2j		
d. The proposed action will degrade existing pedestrian or bicycle accommodations.	D2j		
e. The proposed action may alter the present pattern of movement of people or goods.	D2j		
f. Other impacts:			
<ul> <li>14. Impact on Energy The proposed action may cause an increase in the use of any form of energy. (See Part 1. D.2.k) If "Yes", answer questions a - e. If "No", go to Section 15. </li> </ul>			YES
	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		
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		
c. The proposed action may utilize more than 2,500 MWhrs per year of electricity.	D2k		
d. The proposed action may involve heating and/or cooling of more than 100,000 square feet of building area when completed.	D1g		
e. Other Impacts:			1
<ul> <li>15. Impact on Noise, Odor, and Light The proposed action may result in an increase in noise, odors, or outdoor ligh (See Part 1. D.2.m., n., and o.) <i>If "Yes", answer questions a - f. If "No", go to Section 16.</i></li> </ul>	ting. 🗆 NC		YES
The proposed action may result in an increase in noise, odors, or outdoor ligh (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
The proposed action may result in an increase in noise, odors, or outdoor ligh (See Part 1. D.2.m., n., and o.)	Relevant Part I	No, or small impact	Moderate to large impact may
<ul> <li>The proposed action may result in an increase in noise, odors, or outdoor ligh (See Part 1. D.2.m., n., and o.) <i>If "Yes", answer questions a - f. If "No", go to Section 16.</i></li> <li>a. The proposed action may produce sound above noise levels established by local</li> </ul>	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur

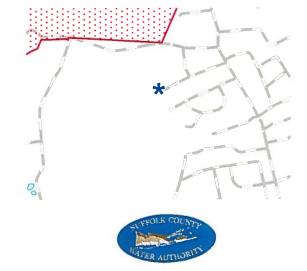
d. The proposed action may result in light shining onto adjoining properties.	D2n	
e. The proposed action may result in lighting creating sky-glow brighter than existing area conditions.	D2n, E1a	
f. Other impacts:		

<b>16. Impact on Human Health</b> 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. ar <i>If "Yes", answer questions a - m. If "No", go to Section 17.</i>	□ No nd h.)		YES
	Relevant Part I Question(s)	No,or small impact may cccur	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		
b. The site of the proposed action is currently undergoing remediation.	E1g, E1h		
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		
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		
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		
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		
g. The proposed action involves construction or modification of a solid waste management facility.	D2q, E1f		
h. The proposed action may result in the unearthing of solid or hazardous waste.	D2q, E1f		
i. The proposed action may result in an increase in the rate of disposal, or processing, of solid waste.	D2r, D2s		
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		
k. The proposed action may result in the migration of explosive gases from a landfill site to adjacent off site structures.	E1f, E1g		
1. The proposed action may result in the release of contaminated leachate from the project site.	D2s, E1f, D2r		
m. Other impacts:			

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.)	□ NO	י ם	YES
If "Yes", answer questions a - h. If "No", go to Section 18.			
	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		
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		
c. The proposed action is inconsistent with local land use plans or zoning regulations.	C2, C2, C3		
d. The proposed action is inconsistent with any County plans, or other regional land use plans.	C2, C2		
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, Elb		
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		
g. The proposed action may induce secondary development impacts (e.g., residential or commercial development not included in the proposed action)	C2a		
h. Other:			
18. Consistency with Community Character			<u> </u>
The proposed project is inconsistent with the existing community character. (See Part 1. C.2, C.3, D.2, E.3)		) DY	/ /ES
The proposed project is inconsistent with the existing community character.			
The proposed project is inconsistent with the existing community character. (See Part 1. C.2, C.3, D.2, E.3)	□ NO Relevant Part I Question(s)	No, or small impact may occur	YES Moderate to large impact may occur
The proposed project is inconsistent with the existing community character. (See Part 1. C.2, C.3, D.2, E.3)	Relevant Part I Question(s) E3e, E3f, E3g	No, or small impact	Moderate to large impact may
The proposed project is inconsistent with the existing community character. (See Part 1. C.2, C.3, D.2, E.3)         If "Yes", answer questions a - g. If "No", proceed to Part 3.         a. The proposed action may replace or eliminate existing facilities, structures, or areas	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
<ul> <li>The proposed project is inconsistent with the existing community character. (See Part 1. C.2, C.3, D.2, E.3) If "Yes", answer questions a - g. If "No", proceed to Part 3.</li> <li>a. The proposed action may replace or eliminate existing facilities, structures, or areas of historic importance to the community.</li> <li>b. The proposed action may create a demand for additional community services (e.g.</li> </ul>	Relevant Part I Question(s) E3e, E3f, E3g	No, or small impact may occur	Moderate to large impact may occur
<ul> <li>The proposed project is inconsistent with the existing community character. (See Part 1. C.2, C.3, D.2, E.3) If "Yes", answer questions a - g. If "No", proceed to Part 3.</li> <li>a. The proposed action may replace or eliminate existing facilities, structures, or areas of historic importance to the community.</li> <li>b. The proposed action may create a demand for additional community services (e.g. schools, police and fire)</li> <li>c. The proposed action may displace affordable or low-income housing in an area where</li> </ul>	Relevant Part I Question(s)E3e, E3f, E3gC4C2, C3, D1f	No, or small impact may occur	Moderate to large impact may occur
<ul> <li>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></li> <li>a. The proposed action may replace or eliminate existing facilities, structures, or areas of historic importance to the community.</li> <li>b. The proposed action may create a demand for additional community services (e.g. schools, police and fire)</li> <li>c. The proposed action may displace affordable or low-income housing in an area where there is a shortage of such housing.</li> <li>d. The proposed action may interfere with the use or enjoyment of officially recognized</li> </ul>	Relevant Part I Question(s)E3e, E3f, E3gC4C2, C3, D1f D1g, E1a	No, or small impact may occur	Moderate to large impact may occur
<ul> <li>The proposed project is inconsistent with the existing community character. (See Part 1. C.2, C.3, D.2, E.3) If "Yes", answer questions a - g. If "No", proceed to Part 3.</li> <li>a. The proposed action may replace or eliminate existing facilities, structures, or areas of historic importance to the community.</li> <li>b. The proposed action may create a demand for additional community services (e.g. schools, police and fire)</li> <li>c. The proposed action may displace affordable or low-income housing in an area where there is a shortage of such housing.</li> <li>d. The proposed action may interfere with the use or enjoyment of officially recognized or designated public resources.</li> <li>e. The proposed action is inconsistent with the predominant architectural scale and</li> </ul>	Relevant Part I Question(s)E3e, E3f, E3gC4C2, C3, D1f D1g, E1aC2, E3	No, or small impact may occur	Moderate to large impact may occur

## Suffolk County Water Authority Geographic Information System

Tax Map Number: 0400 01700 0200 035000 Property Owner: SUFFOLK COUNTY WATER AUT House Number: 50 Premise Address: 50 MAYFAIR DR Premise City: HUNTINGTON Census City: HUNTINGTON Census City: Huntington Mailing Street: 4060 SUNRISE HWY Mailing City: OAKDALE NY 11769 Account Number: No accounts selected Number of Accounts: 0





Map produced: November 14, 2014

Mayfair Drive, Cold Spring Harbor



# **MAYFAIR DRIVE WELL FIELD**

Mayfair Drive, Cold Spring Harbor



### **Mayfair Drive**

A site inspection of the Mayfair Drive well field was performed on November 14, 2014. The terrestrial ecological community types, as defined by Edinger et al (2014) in "Ecological Communities of New York State, Second Edition," observed at the well field include a subsystem of forested uplands identified as beech-maple mesic forest; and a subsystem of a terrestrial cultural communities including mowed lawn with trees and paved road/path.

**Beech-maple mesic forest**: This community type is describes as, "a northern hardwood forest with sugar maple (Acer saccharum) and American beech (Fagus grandifolia) codominant. This is a broadly defined community type with several regional and edaphic variants. These forests occur on moist, well-drained, usually acid soils. Common associates are yellow birch (Betula alleghaniensis), white ash (Fraxinus americana), hop hornbeam (Ostrya virginiana), and red maple (Acer rubrum).

Characteristic small trees or tall shrubs are hobblebush (Viburnum lantanoides), American hornbeam (Carpinus caroliniana), striped maple (Acer pensylvanicum), witch hazel (Hamamelis virginiana), and alternate-leaved dogwood (Cornus alternifolia). Typically there is also an abundance of tree seedlings, especially of sugar maple; American beech and sugar maple saplings are often the most abundant "shrubs" and small trees. Eastern hemlock (Tsuga canadensis) may be present at a low density.

Characteristic herbs are woodferns (Dryopteris intermedia, D. carthusiana, D. marginalis), Canada mayflower (Maianthemum canadense), Christmas fern (Polystichum acrostichoides), white wood aster (Eurybia divaricata), common wood-sorrel (Oxalis montana), Pennsylvania sedge (Carex pensylvanica), jack-in-the-pulpit (Arisaema triphyllum), sarsaparilla (Aralia nudicaulis), shining fir clubmoss (Huperzia lucidula), bearded short-husk (Brachyelytrum erectum), white snakeroot (Ageratina altissima var. altissima), violets (Viola spp.), star flower (Trientalis borealis), partridge berry (Mitchella repens), Solomon's-seals (Polygonatum pubescens, P. biflorum), foam flower (Tiarella cordifolia), false Solomon's seal (Maianthemum racemosum), whorled aster (Oclemena acuminata), Indian cucumber-root (Medeola virginiana), wreath goldenrod (Solidago caesia), trilliums (Trillium undulatum, T. erectum), mayapple (Podophyllum peltatum), troutlily (Erythronium americanum), and sessile-leaved bellwort (Uvularia sessilifolia). In forests that have American beech as a codominant tree, beech-drops (Epifagus virginiana) are common. Hay-scented fern (Dennstaedtia punctilobula) may be common in canopy gaps. There are many spring ephemerals which bloom before the canopy trees leaf out.

Within extensive areas of beech-maple mesic forest, there are often associated small patches of hemlocknorthern hardwood forest in steep ravines and gullies where eastern hemlock is locally dominant."

**Mowed lawn with trees**: This community type is describes as, "residential, recreational, or commercial land in which the groundcover is dominated by clipped grasses and forbs, and it is shaded by at least 30% cover of trees. Ornamental and/or native shrubs may be present, usually with less than 50% cover. The groundcover is maintained by mowing and broadleaf herbicide application." However, applications of herbicides do not typically occur.

**Paved road/path**: This community type is describes as, "A road or pathway that is paved with asphalt, concrete, brick, stone, etc. There may be sparse vegetation rooted in cracks in the paved surface."

### Wildlife

The New York Natural Heritage Program (NYNHP) was contacted for information regarding the known populations of rare, threatened or endangered species. As indicated in correspondence dated November 12, 2014 (attached), the New York Natural Heritage database has no records of rare or state-listed animals or plants, or of significant natural communities at the well field site.

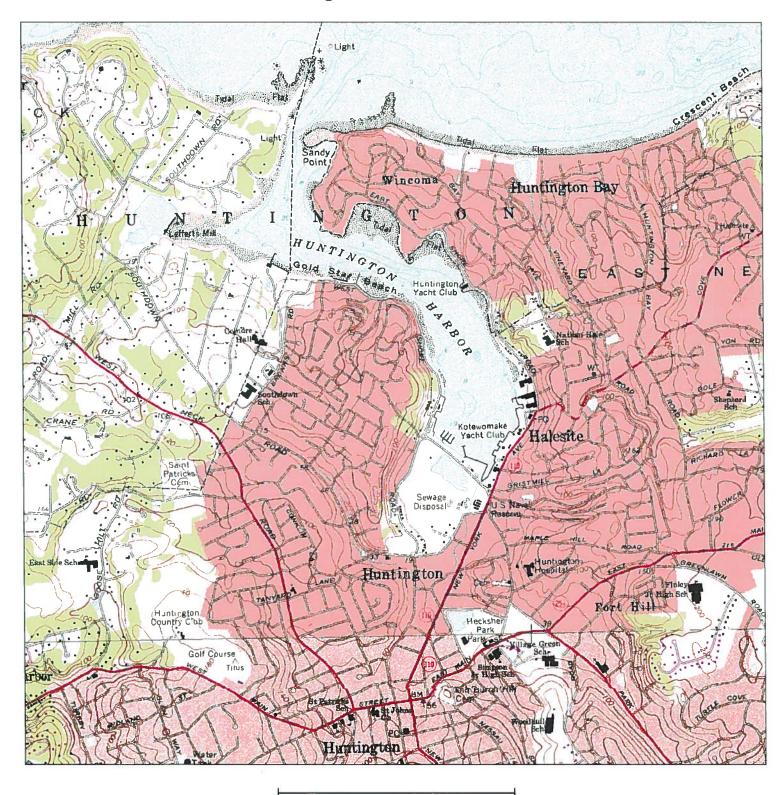
Due to the time of year that site inspection occurred, wildlife including, but not limited to, avian species observations were limited. The New York State Department of Environmental Conservation Breeding Bird Atlas (BBA) was reviewed to obtain a more specific representation of the avian species that may potentially utilize the site for breeding, foraging, and/or stopover habitat. Attached is a copy of the 2000-2005 Breeding Bird survey for the census block encompassing the project site. The BBA census block spans an area covering three square miles.

According to "Ecological Communities of New York State," "characteristic breeding birds in beechmaple forests include red-eyed vireo (Vireo olivaceus), ovenbird (Seiurus aurocapillus), black-throated blue warbler (Dendroica caerulescens), and black-throated green warbler (Dendroica virens)."

Characteristic fauna of the mowed lawn with trees ecological community include "gray squirrel (Sciurus carolinensis), American robin (Turdus migratorius), mourning dove (Zenaida macroura), and northern mockingbird (Mimus polyglottos)."

1 May fair

## **Breeding Bird Atlas Block 6252B**



1 Mile Scale is approximately 1:25,000, but may vary on your printer.



## 2000-2005

**Navigation Tools** 

Perform Another Search Show All Records Sort by Field Card Order Sort by Taxonomic Order View 1985 Data



# Block 6252B Summary

Total Species:	58
Possible:	4
Probable:	24
Confirmed:	30

Click on column heading to sort by that category.

### List of Species Breeding in Atlas Block 6252B

Common Name	Scientific Name	Behavior Code	Date	NY Legal Statu
Canada Goose	Branta canadensis	NE	4/5/2001	Game Species
Mute Swan	Cygnus olor	NE	4/5/2001	Protected
Gadwall	Anas strepera	FL	6/13/2003	Game Species
American Black Duck	Anas rubripes	P2	6/18/2005	Game Species
Mallard	Anas platyrhynchos	P2	4/6/2001	Game Species
Mallard x Am. Black Duck Hybrid	Anas platyrhynchos x A. rubripes	P2	5/4/2001	Game Species
Green Heron	Butorides virescens	P2	6/5/2001	Protected
Red-tailed Hawk	Buteo jamaicensis	FL	6/25/2004	Protected
Killdeer	Charadrius vociferus	NE	5/15/2001	Protected
Spotted Sandpiper	Actitis macularius	X1	6/3/2003	Protected
Forster's Tern	Sterna forsteri	FL	7/21/2005	Protected
Rock Pigeon	Columba livia	ON	4/5/2001	Unprotected
Mourning Dove	Zenaida macroura	NE	4/30/2001	Protected
Eastern Screech-Owl	Megascops asio	P2	2/29/2004	Protected
Great Horned Owl	Bubo virginianus	P2	3/10/2002	Protected
Chimney Swift	Chaetura pelagica	FY	7/1/2004	Protected
Belted Kingfisher	Megaceryle alcyon	X1	7/11/2002	Protected
Red-bellied Woodpecker	Melanerpes carolinus	T2	5/15/2001	Protected
Downy Woodpecker	Picoides pubescens	FY	6/6/2001	Protected
Hairy Woodpecker	Picoides villosus	D2	4/5/2002	Protected
Northern Flicker	Colaptes auratus	ON	6/5/2001	Protected
Willow Flycatcher	Empidonax traillii	T2	6/6/2001	Protected
Eastern Kingbird	Tyrannus tyrannus	FL	7/2/2001	Protected
White-eyed Vireo	Vireo griseus	X1	6/6/2001	Protected
Warbling Vireo	Vireo gilvus	T2	6/6/2001	Protected
Red-eyed Vireo	Vireo olivaceus	S2	6/20/2002	Protected
Blue Jay	Cyanocitta cristata	D2	5/15/2001	Protected
American Crow	Corvus brachyrhynchos	NE	5/18/2001	Game Species
Fish Crow	Corvus ossifragus	FL	6/14/2001	Protected
Northern Rough-winged Swallow	Stelgidopteryx serripennis	FY	7/1/2005	Protected
Barn Swallow	Hirundo rustica	NE	5/31/2001	Protected
Black-capped Chickadee	Poecile atricapillus	FL	7/3/2001	Protected
Tufted Titmouse	Baeolophus bicolor	FL	6/20/2001	Protected

Mayfair Drive, Cold Spring Harbor

http://www.dec.ny.gov/cfmx/extapps/bba/index.cfm?RequestTimeout=250

White-breasted Nuthatch	Sitta carolinensis	T2	5/4/2001	Protected
Carolina Wren	Thryothorus Iudovicianus	S2	5/4/2001	Protected
House Wren	Troglodytes aedon	T2	6/6/2001	Protected
Marsh Wren	Cistothorus palustris	T2	5/19/2005	Protected
American Robin	Turdus migratorius	NE	5/4/2001	Protected
Gray Catbird	Dumetella carolinensis	FY	6/5/2001	Protected
Northern Mockingbird	Mimus polyglottos	FY	5/31/2001	Protected
European Starling	Sturnus vulgaris	ON	4/5/2001	Unprotected
Cedar Waxwing	Bombycilla cedrorum	P2	7/2/2001	Protected
Yellow Warbler	Dendroica petechia	FY	6/5/2001	Protected
Black-and-white Warbler	Mniotilta varia	X1	6/6/2001	Protected
American Redstart	Setophaga ruticilla	T2	5/25/2004	Protected
Common Yellowthroat	Geothlypis trichas	T2	7/13/2001	Protected
Eastern Towhee	Pipilo erythrophthalmus	P2	6/20/2002	Protected
Chipping Sparrow	Spizella passerina	T2	6/14/2001	Protected
Song Sparrow	Melospiza melodia	FY	7/3/2001	Protected
Northern Cardinal	Cardinalis cardinalis	FY	5/18/2001	Protected
Red-winged Blackbird	Agelaius phoeniceus	FY	5/31/2001	Protected
Common Grackle	Quiscalus quiscula	FL	5/31/2001	Protected
Brown-headed Cowbird	Molothrus ater	S2	5/18/2001	Protected
Orchard Oriole	Icterus spurius	T2	5/31/2001	Protected
Baltimore Oriole	Icterus galbula	FY	6/8/2001	Protected
House Finch	Carpodacus mexicanus	FY	5/17/2001	Protected
American Goldfinch	Spinus tristis	S2	7/3/2001	Protected
House Sparrow	Passer domesticus	NE	4/5/2001	Unprotected

Current Date: 11/13/2014