#### **EDGEWATER**

#### **ENVIRONMENTAL ASSESSMENT FORM**

# **APPLICATION FOR SITE PLAN APPROVAL**

# BY SCENIC BEACON DEVELOPMENTS, LLC

For Property Located at:

**22 Edgewater Place** 

Beacon, NY

**SUBMITTED TO:** 

**CITY OF BEACON PLANNING BOARD** 

January 9,2017 Revised 9/25/17

# **CONTRIBUTORS**

Applicant:	Scenic Beacon Developments, LLC 11 Creek Drive Suite 102A Beacon, NY 12508
Architect:	Aryeh Siegel, Architect 514 Main Street Beacon, NY 12508
Civil Engineer:	Hudson Land Design 174 Main Street Beacon, NY 12508
Traffic Engineer:	Maser Consulting , P.A. 11 Bradhurst Avenue Hawthorne, NY 10532
Surveyor:	TEC Land Surveying PC 15 Tioronda Ave. Beacon, NY 12508

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# **Development Plan Overview and Description**

# Site Plan Approval Application by Scenic Beacon Developments, LLC, for Property Known Generally as, Edgewater in the City of Beacon, Dutchess County, NY

#### **Project Description**

This 12 acre site, identified herein as "Edgewater" is located in the City of Beacon, NY and is further identified as tax parcels: **5954-25-581985**, **5955-19-590022**, **5954-25-566983** and **5954-25-574979** 

This application is for the proposed development of the above noted tax parcels, collectively referred herein as "Edgewater" and will result in the development of approximately 307 residential units, which will be a mix of studio, one-bedroom, two-bedroom and three-bedroom units.

#### Zoning

The entire site is located within the RD-1.7 (1,700 square feet of lot area per dwelling unit) Designed Residence zoning district. Consequently, the development proposed and described herein is permitted as-of-right, subject to site plan approval.

#### Storm Water

As site disturbance will exceed 1-acre when the mostly vacant parcels are built out, a full Stormwater Pollution Prevention Plan (SWPPP) is required to be prepared in order to obtain coverage under the NYSDEC SPDES General Permit GP-0-15-002. The proposed disturbance area requires quality and quantity control of the stormwater per New York State requirements along with erosion and sediment control measures.

Drainage calculations for the proposed conveyance system and any quality and quantity control facilities will be included in the SWPPP. Design of an underground site stormwater conveyance system and three infiltration basins are anticipated. .

#### Water Supply

At full build-out, the project is expected to require 45,430 gallons of water per day. Based on previous conversations with the City of Beacon Water and Sewer Superintendent, the

anticipated increase in daily water demand is readily available. There is a 6" ductile iron (DI) water main that runs beneath Tompkins Terrace, and an 8" DI main that runs beneath Bank Street. An 8" DI spur that runs into the site beneath Branch Street from Bank Street to an existing hydrant. It is proposed to connect to the 8" DIP on Bank Street with 8" ductile iron pipe (DIP). The 8" DIP will be brought through the site to provide water supply to the new buildings which will continue down to Branch Street and connect to the 8" DIP forming a looped connection to the City water system. The new 8" water main will be dedicated to the City once installed and certified. New fire hydrants and periodic isolation valves will be provided within the site. A 20' wide utility easement will be granted to the City for maintenance purposes. Flow and pressure tests have been conducted on existing hydrants near the site to confirm that adequate flow and pressure is available for the project.

#### **Sewage Disposal**

At full build-out, the project is expected to generate 45,430 gallons of wastewater per day. Based on previous conversations with the City of Beacon Sewer Superintendent, the City's existing sewer infrastructure and sewer treatment plant have sufficient capacity to handle the anticipated increase in daily sewage load; however the West Main Street sewer pump station may require upgrades to handle the additional flows generated form this site, and other new construction sites that flow toward this pump station. Hudson Land Design has engaged in conversations with the City Engineer and Sewer Superintendent regarding the sewer pump station and forcemain. Discussions will continue with the engineer and superintendent as City's hydraulic model of the sewer system is updated. The site currently contains an apartment building, and a single family residence. Both structures will be demolished and removed; thereby eliminating any current inflow and infiltration (I&I) entering the City sewer system from the site.

The following table provides estimated water usage/wastewater generation at full buildout of the project, according to the NYSDEC *Design Standards for Wastewater Treatment Works, 2014.* 

Use	Flow Rate	Daily Water Usage/Wastewater Generation
Residential (413 bedrooms*)	110 per bedroom	45,430 gpd
TOTAL		45,430

<sup>\*</sup>The current bedroom breakdown is as follows: 96 studio, 115 one-bedroom, 86 two-bedroom, and 10 three-bedroom apartments.

#### Summary

The development proposed under this application, as further described herein and in the attached Environmental Assessment Forms and associated reports, would allow for the

development of Edgewater to allow a total of 307 new single-family dwelling units, which will be a mix of studio, one-bedroom, two-bedroom and three-bedroom spaces.

The additional residents occupying the new units will contribute to the viability of a vibrant street life in the area, as Beacon continues to attract new residents to its historic and culturally rich City.

### 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:		
Edgewater Apartments		
Project Location (describe, and attach a general location map):		
22 Edgewater Pl Beacon, NY 12508		
Brief Description of Proposed Action (include purpose or need):		
The proposed action is to construct seven residential apartment buildings with a total of 3 an existing one family dwelling and an existing residential apartment building. The 307 not three-bedroom apartments, with a combined equivalent (i.e., including studios) total of 4	ew units will be a mix of studio,	
N		
Name of Applicant/Sponsor:	Telephone: 917-622-00	
Scenic Beacon Developments, LLC	E-Mail: rodney@webe	rprojectsllc.com
Address: 25 East Main Street		
City/PO: Beacon	State: NY	Zip Code: 12508
Project Contact (if not same as sponsor; give name and title/role):	Telephone: 917-622-00	657
Rodney Weber	E-Mail: rodney@webe	rprojectsllc.com
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. Government Approvals, Funding, or S assistance.)	ponsorship. ("Funding" includes grants, loans, ta	ax relief, and any other	r forms of financial
Government Entity	If Yes: Identify Agency and Approval(s) Required	Applicati (Actual or p	
a. City Council, Town Board, □Yes□No or Village Board of Trustees	)		
b. City, Town or Village ✓Yes ☐No Planning Board or Commission	Planning Board - Site Plan & Subdivision	12/27/2016	
c. City Council, Town or ✓Yes ☐No Village Zoning Board of Appeals	Zoning Board of Appeals - Parking , Building and Height Variance		
d. Other local agencies ☐Yes☐No	0		
e. County agencies   ✓ Yes   No	DCDOH - Water & Sewer; County Planning referra	3/2017	
f. Regional agencies	0		
g. State agencies ✓Yes□No	NYDEC - SPDES GP-0-015-002	3/2017	
h. Federal agencies Yes No	0		
	ea, or the waterfront area of a Designated Inland W nity with an approved Local Waterfront Revitaliza sion Hazard Area?	•	✓Yes□No ✓Yes□No □Yes☑No
C. Planning and Zoning			
C.1. Planning and zoning actions.			
only approval(s) which must be granted to e  • If Yes, complete sections C, F and			∐Yes <b>Z</b> No
C.2. Adopted land use plans.			
where the proposed action would be locat	village or county) comprehensive land use plan(s ed? specific recommendations for the site where the p		<b>Z</b> Yes□No <b>Z</b> Yes□No
	ny local or regional special planning district (for exignated State or Federal heritage area; watershed		□Yes <b>☑</b> No
c. Is the proposed action located wholly or portan adopted municipal farmland protect If Yes, identify the plan(s):	partially within an area listed in an adopted municipation plan?	pal open space plan,	□Yes <b>☑</b> 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?	<b>☑</b> Yes □ No
b. Is the use permitted or allowed by a special or conditional use permit?	<b>∠</b> Yes No
c. Is a zoning change requested as part of the proposed action?  If Yes,  i. What is the proposed new zoning for the site?	□ Yes <b>☑</b> 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? <u>City of Beacon</u>	
c. Which fire protection and emergency medical services serve the project site?  City of Beacon	
d. What parks serve the project site?  Pete & Toshi Seeger Riverfront Park; Long Dock	
D. Project Details	
D.1. Proposed and Potential Development	
a. What is the general nature of the proposed action (e.g., residential, industrial, commercial, recreational; if mixed components)? Residential	ed, include all
b. a. Total acreage of the site of the proposed action?  b. Total acreage to be physically disturbed?  c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor?  12 acres  9.31 acres	
c. Is the proposed action an expansion of an existing project or use?  i. If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, mile square feet)? % Units:	☐ Yes☑ No s, housing units,
square feet)? % Units:  d. Is the proposed action a subdivision, or does it include a subdivision?  If Yes,  i. Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types)	□Yes <b>☑</b> No
<ul><li>ii. Is a cluster/conservation layout proposed?</li><li>iii. Number of lots proposed?</li></ul>	□Yes□No
e. Will proposed action be constructed in multiple phases?  i. If No, anticipated period of construction:  Total number of phases anticipated  Anticipated commencement date of phase 1 (including demolition)  Anticipated completion date of final phase  Generally describe connections or relationships among phases, including any contingencies where progradetermine timing or duration of future phases:  All phases shall not exceed 5 acres of disturbance.	

TC 3.7 1	ct include new resi				<b>Z</b> Yes ☐ No
If Yes, show nun	nbers of units prop				
	One Family	Two Family	Three Family	Multiple Family (four or more)	
Initial Phase	0				
At completion					
of all phases	307				
g. Does the propo	osed action include	new non-residentia	al construction (inclu	iding expansions)?	□Yes☑No
If Yes,			(		
i. Total number	of structures				
ii. Dimensions (	in feet) of largest 1	proposed structure:	height;	width; andlength	
	_	=		square feet	
				l result in the impoundment of any	□Yes <b>☑</b> No
	s creation of a wat	er supply, reservoir	, pond, lake, waste la	agoon or other storage?	
If Yes,	. :				
i. Purpose of the	e impoundment: _	ncipal source of the	water:	Ground water Surface water stream	ome Other enecify:
ii. Ii a watei iiiip	oundment, the prin	ncipal source of the	water.	Ground water Surface water sites	anis Mouner specify.
iii. If other than v	vater, identify the	type of impounded/	contained liquids an	d their source.	
	: 6.1	1: 1 .	77.1	'11' 11 6	
iv. Approximate	size of the proposed dar	ed impoundment.	Volume:	million gallons; surface area: _height;length	acres
vi Construction	method/materials	ii or iiiipouiiuiiig su for the proposed da	am or impounding st	neight,neight ructure (e.g., earth fill, rock, wood, cor	icrete):
vi. Construction	method/materials	for the proposed de	im of impounding st	ractare (e.g., earth fin, rock, wood, cor	icicic).
D.2. Project Op	erations				
a. Does the propo	sed action include	any excavation, m	ining, or dredging, d	uring construction, operations, or both	? <b>✓</b> Yes No
(Not including	general site prepar	ration, grading or in	stallation of utilities	or foundations where all excavated	
materials will 1					
	remain onsite)				
If Yes:	,				
If Yes: <i>i</i> . What is the pu	urpose of the excav			oundations; blasting may be required	
If Yes:  i .What is the pu ii. How much ma	urpose of the excav	ock, earth, sediment	ts, etc.) is proposed t	o be removed from the site?	
If Yes:  i .What is the pu ii. How much ma  Volume	urpose of the excav terial (including ro (specify tons or co	ock, earth, sediment abic yards): 17,259		o be removed from the site?	
If Yes:  i . What is the pu ii. How much ma  Volume Over wh	urpose of the excav terial (including ro (specify tons or co nat duration of time	ock, earth, sediment ubic yards): 17,259 oc e? 6 months	ts, etc.) is proposed to cubic yards (6,800 cy ro	o be removed from the site?	se of them
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ii. Describe how the proposed action would affect that waterbody or wetland, e.g. excavation, fill, placemateration of channels, banks and shorelines. Indicate extent of activities, alterations and additions in square	
<ul><li>iii. Will proposed action cause or result in disturbance to bottom sediments?</li><li>If Yes, describe:</li></ul>	□Yes□No
iv. Will proposed action cause or result in the destruction or removal of aquatic vegetation? If Yes:	☐ 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:	
c. Will the proposed action use, or create a new demand for water?	<b>✓</b> Yes <b>N</b> o
If Yes:	
i. Total anticipated water usage/demand per day:  45,430 gallons/day  Will the grouped action obtain water from an axisting public water average?	
<ul><li>ii. Will the proposed action obtain water from an existing public water supply?</li><li>If Yes:</li></ul>	<b>Z</b> Yes □No
Name of district or service area: City of Beacon	
Does the existing public water supply have capacity to serve the proposal?	<b>Z</b> Yes□ No
• Is the project site in the existing district?	<b>∠</b> Yes No
• Is expansion of the district needed?	☐ Yes ✓ No
<ul> <li>Do existing lines serve the project site?</li> </ul>	<b>✓</b> Yes No
<i>iii.</i> Will line extension within an existing district be necessary to supply the project? If Yes:	□Yes <b>Z</b> 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? If, Yes:	☐ Yes <b>☑</b> No
Applicant/sponsor for new district:	
Date application submitted or anticipated:	
Proposed source(s) of supply for new district:	
v. If a public water supply will not be used, describe plans to provide water supply for the project:	
vi. If water supply will be from wells (public or private), maximum pumping capacity: gallons/m	inute.
d. Will the proposed action generate liquid wastes?	<b>✓</b> Yes <b>□</b> No
If Yes:	
<ul> <li>i. Total anticipated liquid waste generation per day: 45,430 gallons/day</li> <li>ii. Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combination, describe a</li> </ul>	Il components and
approximate volumes or proportions of each):	in components and
Sanitary Wastewater	
<ul><li>iii. Will the proposed action use any existing public wastewater treatment facilities?</li><li>If Yes:</li></ul>	<b>Z</b> Yes □No
Name of wastewater treatment plant to be used: City of Beacon	
Name of district: City of Beacon	
<ul> <li>Does the existing wastewater treatment plant have capacity to serve the project?</li> </ul>	<b>∠</b> Yes □No
• Is the project site in the existing district?	<b>✓</b> Yes <b>□</b> No
• Is expansion of the district needed?	☐ Yes <b>Z</b> No

<ul> <li>Do existing sewer lines serve the project site?</li> <li>Will line extension within an existing district be necessary to serve the project?</li> </ul>	<b>☑</b> Yes <b>☑</b> No <b>☑</b> Yes <b>☑</b> No
If Yes:	
Describe extensions or capacity expansions proposed to serve this project:	
<i>iv.</i> Will a new wastewater (sewage) treatment district be formed to serve the project site?  If Yes:	□Yes <b>☑</b> No
Applicant/sponsor for new district:      Date application submitted or anticipated:	
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 spe receiving water (name and classification if surface discharge, or describe subsurface disposal plans):	cifying proposed
vi. 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 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:	<b>∠</b> Yes  No
<ul> <li>i. How much impervious surface will the project create in relation to total size of project parcel?</li> <li>Square feet or 4.7 acres (impervious surface)</li> <li>Square feet or 12 acres (parcel size)</li> </ul>	
ii. Describe types of new point sources.	
iii. Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent	properties,
groundwater, on-site surface water or off-site surface waters)?	
The storm water runoff will be directed to two on site bioretention areas, and one infiltration basin, and then conveyed offsite, closed storm water system.	or to the City of Beacon
If to surface waters, identify receiving water bodies or wetlands:	
• Will stormwater runoff flow to adjacent properties?  iv. Does proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater?	☑Yes□No ☑Yes□No
f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel combustion, waste incineration, or other processes or operations?	<b>☑</b> Yes <b>□</b> No
If Yes, identify:  Mobile sources during project operations (e.g., because equipment, fleet or delivery vehicles)	
<ul> <li>i. Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles)</li> <li>Heavy equipment will be used during construction. Delivery vehicles (garbage trucks, parcel service etc.) will be used after construction.</li> </ul>	tion completion.
ii. Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers)	
Generators or rock processing equipment (e.g., crushers) could be utilized  iii. 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 <b>Z</b> No
or Federal Clean Air Act Title IV or Title V Permit? If Yes:	
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)	□Yes□No
ii. 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>	
• Tons/year (short tons) of Perfluorocarbons (PFCs)	
• Tons/year (short tons) of Sulfur Hexafluoride (SF <sub>6</sub> )	
Tons/year (short tons) of Carbon Dioxide equivalent of Hydroflourocarbons (HFCs)	
Tons/year (short tons) of Hazardous Air Pollutants (HAPs)	

h. Will the proposed action generate or emit methane (included landfills, composting facilities)?  If Yes:		□Yes <b>☑</b> No
<ul><li>i. Estimate methane generation in tons/year (metric):</li><li>ii. Describe any methane capture, control or elimination me electricity, flaring):</li></ul>		enerate heat or
i. Will the proposed action result in the release of air polluta quarry or landfill operations?  If Yes: Describe operations and nature of emissions (e.g., di		∐Yes <b>∏</b> No
j. Will the proposed action result in a substantial increase in new demand for transportation facilities or services?  If Yes:  i. When is the peak traffic expected (Check all that apply)  Randomly between hours of to	: ☑ Morning ☑ Evening ☐ Weekend mi-trailer truck trips/day: Proposed	Yes No  374  Yes No access, describe:
vi. Are public/private transportation service(s) or facilities a vii Will the proposed action include access to public transport or other alternative fueled vehicles? viii. Will the proposed action include plans for pedestrian or pedestrian or bicycle routes?	ortation or accommodations for use of hybrid, electric	✓Yes No ✓Yes No ✓Yes No
<ul> <li>k. Will the proposed action (for commercial or industrial profor energy?</li> <li>If Yes: <ul> <li>i. Estimate annual electricity demand during operation of the 2,883,023 KWH/ Year</li> <li>ii. Anticipated sources/suppliers of electricity for the project other):</li> <li>Central Hudson</li> <li>iii. Will the proposed action require a new, or an upgrade to the commercial or industrial proformation of the project of the project other):</li> </ul> </li> </ul>	he proposed action:  ct (e.g., on-site combustion, on-site renewable, via grid/l	Ves No  local utility, or  □Yes No
l. Hours of operation. Answer all items which apply.     i. During Construction:	ii. During Operations:       N/A         • Monday - Friday:       N/A         • Saturday:       N/A         • Sunday:       N/A         • Holidays:       N/A	

m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction,	<b>Z</b> Yes □No
operation, or both?  If yes:	
i. Provide details including sources, time of day and duration:	
General construction related noise during normal business hours	
ii. Will proposed action remove existing natural barriers that could act as a noise barrier or screen?	<b>∠</b> Yes <b>□</b> No
Describe: Tree Removal on-site.	
n Will the proposed action have outdoor lighting? If yes:	✓ Yes □No
<ul><li>i. Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:</li></ul>	
Parking lot and building mounted lights. All lighting fixtures will be shielded and pointed downward. Parking lot height = 16 feet.	
Closest occupied structure is approximately 59 feet.	
ii. Will proposed action remove existing natural barriers that could act as a light barrier or screen?	<b>∠</b> Yes □No
Describe: Existing trees will be removed for construction of the proposed features; however, new landscaping will be planted as	part of the project.
o. Does the proposed action have the potential to produce odors for more than one hour per day?	☐ Yes <b>Z</b> No
If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest	
occupied structures:	
p. Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons)	☐ Yes <b>Z</b> No
or chemical products 185 gallons in above ground storage or any amount in underground storage?	
If Yes:	
i. Product(s) to be stored ii. Volume(s) per unit time (e.g., month, year)	
iii. Generally describe proposed storage facilities:	
Constant describe proposed storage racinities.	
q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides,	☐ Yes ☐No
insecticides) during construction or operation?	
If Yes:	
<i>i.</i> Describe proposed treatment(s):	
ii. Will the proposed action use Integrated Pest Management Practices?	☐ Yes ☐No
r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal	☐ Yes ☐No
of solid waste (excluding hazardous materials)?	
If Yes:	
i. Describe any solid waste(s) to be generated during construction or operation of the facility:	
• Construction: tons per (unit of time)	
<ul> <li>Construction: tons per (unit of time)</li> <li>Operation: tons per (unit of time)</li> <li>ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:</li> </ul>	
ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:	
• Construction:	
Operation:	
iii. Proposed disposal methods/facilities for solid waste generated on-site:	_
• Construction:	
Operation:	

s. Does the proposed action include construction or mod	ification of a solid waste mana	agement facility?	∐ Yes ✓ No
<ul><li>If Yes:</li><li>i. Type of management or handling of waste proposed other disposal activities):</li></ul>	l for the site (e.g., recycling or	transfer station, composting	g, landfill, or
<ul> <li>ii. Anticipated rate of disposal/processing:</li> <li>Tons/month, if transfer or other non-</li> <li>Tons/hour, if combustion or thermal</li> <li>iii. If landfill, anticipated site life:</li> </ul>	treatment	, or	
t. Will proposed action at the site involve the commercia	years		
waste? If Yes:			
i. Name(s) of all hazardous wastes or constituents to be	e generated, nandled or manag	ed at facility:	
ii. Generally describe processes or activities involving	hazardous wastes or constituer	nts:	
iii. Specify amount to be handled or generatedt t iv. Describe any proposals for on-site minimization, rec	ons/month	constituents:	_
v. Will any hazardous wastes be disposed at an existing If Yes: provide name and location of facility:	g offsite hazardous waste facil	ity?	□Yes□No
If No: describe proposed management of any hazardous	wastes which will not be sent	to a hazardous waste facilit	v:
E. Site and Setting of Proposed Action			
E.1. Land uses on and surrounding the project site			
<ul> <li>a. Existing land uses.</li> <li>i. Check all uses that occur on, adjoining and near the</li> <li>☐ Urban  Industrial  Commercial  Residence</li> <li>☐ Forest  Agriculture  Aquatic  Othe</li> <li>ii. If mix of uses, generally describe:</li> </ul>	dential (suburban)   Rural		
b. Land uses and covertypes on the project site.			
Land use or	Current	Acreage After	Change
Covertype	Acreage	Project Completion	(Acres +/-)
<ul> <li>Roads, buildings, and other paved or impervious surfaces</li> </ul>	1.2	5.6	(+) 4.4
• Forested	5.9	2.2	(-) 3.7
Meadows, grasslands or brushlands (non- agricultural, including abandoned agricultural)	4.6	0	(-) 4.6
Agricultural     (includes active orchards, field, greenhouse etc.)	0	0	0
• Surface water features (lakes, ponds, streams, rivers, etc.)	0	0	0
• Wetlands (freshwater or tidal)	0	0	0
• Non-vegetated (bare rock, earth or fill)	0	0	0
Other     Describe: Grass and Landscaped areas	0.3	4.2	(+) 3.9

c. Is the project site presently used by members of the community for public recreation?  i. If Yes: explain:	□Yes☑No
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?  If Yes,  i. Identify Facilities:	∐Yes <b>∏</b> No
e. Does the project site contain an existing dam?	□Yes☑No
If Yes:	I i es <b>w</b> No
i. Dimensions of the dam and impoundment:	
• Dam height: feet	
• Dam length: feet	
• Surface area: acres	
Volume impounded: gallons OR acre-feet	
<ul><li>ii. Dam's existing hazard classification:</li><li>iii. Provide date and summarize results of last inspection:</li></ul>	
iii. I fovide date and summarize results of last hispection.	
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 Yes:	☐Yes <b>☑</b> No lity?
i. Has the facility been formally closed?	☐Yes☐ No
If yes, cite sources/documentation:	
<i>ii.</i> Describe the location of the project site relative to the boundaries of the solid waste management facility:	
iii. Describe any development constraints due to the prior solid waste activities:	
	☐ Yes <b>Z</b> No
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:	∐ Y es <b>w</b> INO
i. Describe waste(s) handled and waste management activities, including approximate time when activities occurred	ed:
h. Potential contamination history. Has there been a reported spill at the proposed project site, or have any	☐Yes <b>Z</b> No
remedial actions been conducted at or adjacent to the proposed site?	1030 100
If Yes:	
i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site	□Yes□No
Remediation database? Check all that apply:	
☐ Yes – Spills Incidents database       Provide DEC ID number(s):         ☐ Yes – Environmental Site Remediation database       Provide DEC ID number(s):	
Neither database	
<del>-</del>	
ii. 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): V00293 , C314112 , V00096 , 314069 , 546031	<b>✓</b> Yes No
<i>iv.</i> If yes to (i), (ii) or (iii) above, describe current status of site(s):	
	nd rodovoloned
V0029 <u>3-Closed. Development restrictions; C314112 - requires additional cleanup; V00096 combined with C314112; 314069 - Close 546031- Ongoing. Hudson River PCB's</u>	a, redeveloped,

v. Is the project site subject to an institutional control			☐ Yes <b>Z</b> No
If yes, DEC site ID number:			
<ul> <li>Describe the type of institutional control (e.g.</li> <li>Describe any use limitations:</li> </ul>	., deed restriction or easement):		
<ul><li>Describe any use limitations:</li><li>Describe any engineering controls:</li></ul>			
Will the project affect the institutional or eng	ineering controls in place?		☐Yes☐No
Explain:			
E.2. Natural Resources On or Near Project Site			
a. What is the average depth to bedrock on the project	site? >5	feet	
b. Are there bedrock outcroppings on the project site?			☐ Yes <b>Z</b> No
If Yes, what proportion of the site is comprised of bed	cock outcroppings?		
c. Predominant soil type(s) present on project site:	DwB Dutchess - Cardigan	81.7 %	
**	DxB Dutchess - Cardigan Urban	8.3 %	
	NwD Nassau - Cardigan	10.0_%	
d. What is the average depth to the water table on the p	project site? Average:	t	
e. Drainage status of project site soils: Well Drained	d:91_% of site		
✓ Moderately V			
Poorly Drain			
f. Approximate proportion of proposed action site with		34_% of site	
	<b>☑</b> 10-15%:	22 % of site	
	✓ 15% or greater:	44_% of site	
g. Are there any unique geologic features on the project			☐ Yes <b>☑</b> No
If Yes, describe:			
h. Surface water features.	1		
i. Does any portion of the project site contain wetland ponds or lakes)?	is or other waterbodies (including stream	ams, rivers,	□Yes <b>☑</b> No
<i>ii.</i> Do any wetlands or other waterbodies adjoin the pr	oiect site?		<b>✓</b> Yes No
If Yes to either $i$ or $ii$ , continue. If No, skip to E.2.i.			
iii. Are any of the wetlands or waterbodies within or a	djoining the project site regulated by a	any federal,	<b>✓</b> Yes □No
state or local agency?			
iv. For each identified regulated wetland and waterbody on the project site, provide the following information:			
	C		
Lakes of Folius. Inallie		Classification	
Wetland No. (if regulated by DEC)		approximate Size	
v. Are any of the above water bodies listed in the mos	t recent compilation of NYS water qua	ality-impaired	☐Yes <b>Z</b> No
waterbodies?			
If yes, name of impaired water body/bodies and basis to	or listing as impaired:		
i. Is the project site in a designated Floodway?			□Yes <b>☑</b> No
j. Is the project site in the 100 year Floodplain?			□Yes <b>☑</b> No
k. Is the project site in the 500 year Floodplain?			□Yes <b>☑</b> No
1. Is the project site located over, or immediately adjoint If Yes:	ning, a primary, principal or sole source	ce aquifer?	□Yes <b>Z</b> No
i. Name of aquifer:			

m. Identify the predominant wildlife species	1,	ject site:	
White Tail Deer Grey Squirrel	Red Fox		
Cicy oquinor			
n. Does the project site contain a designated	significant natural commur	nity?	☐ Yes <b>Z</b> No
If Yes:	'4' C4'	1	
<i>i</i> . Describe the habitat/community (compos	ition, function, and basis for	or designation):	
ii. Source(s) of description or evaluation:			
iii. Extent of community/habitat:			
• Currently:		acres	
• Following completion of project as	proposed:	acres	
• Gain or loss (indicate + or -):		acres	
o. Does project site contain any species of pl			<b>✓</b> Yes No
endangered or threatened, or does it contain	n any areas identified as ha	bitat for an endangered or threatened sp	pecies?
Atlantic Sturgeon; Bald Eagle; Indiana Bat. A habita will be removed as part of the project. Mitigation con	Study was completed for the	site. The study concluded that approximately	3.2 acres of forest habitat
directed and shielded site lighting and implementing			loviding downward
p. Does the project site contain any species of	of plant or animal that is lis	ted by NYS as rare, or as a species of	☐Yes <b>Z</b> No
special concern?	or pressive or essential transfer in	or of 1.12 as lare, or as a species of	
q. Is the project site or adjoining area current			□Yes <b>✓</b> No
If yes, give a brief description of how the pro	posed action may affect th	at use:	
E.3. Designated Public Resources On or N	lear Project Site		
a. Is the project site, or any portion of it, loca	ted in a designated agricul	tural district certified pursuant to	□Yes <b>∠</b> No
Agriculture and Markets Law, Article 25-			
If Yes, provide county plus district name/nu	mber:		
b. Are agricultural lands consisting of highly	productive soils present?		☐Yes <b>Z</b> No
i. If Yes: acreage(s) on project site?			
ii. Source(s) of soil rating(s):			
c. Does the project site contain all or part of	or is it substantially contig	guous to, a registered National	□Yes <b>∠</b> No
Natural Landmark?			
If Yes:	Dialogical Community	Casle sized Facture	
<i>i.</i> Nature of the natural landmark: <i>ii.</i> Provide brief description of landmark, in			
ii. I lovide offer description of fandmark, if	letuaning values benina desi	gnation and approximate size/extent.	
d. Is the project site located in or does it adjo	in a state listed Critical Ex-	vironmental Area?	☐Yes <b>Z</b> No
If Yes:	iii a state iisteu Chiicai En	vironinentai Area!	□ 1 c2M 11/0
i. CEA name:			
ii. Basis for designation:			
iii. Designating agency and date:			

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?  If Yes:	✓ Yes No
i. Nature of historic/archaeological resource: ☐ Archaeological Site  ii. Name: Bogardus-DeWindt House  ☐ Archaeological Site  ☐ Historic Building or District	
<ul><li>iii. Brief description of attributes on which listing is based:</li><li>Single family dwelling built in 1792 located on Tompkins Avenue.</li></ul>	
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?	<b>Z</b> Yes □No
g. Have additional archaeological or historic site(s) or resources been identified on the project site?  If Yes:  i. Describe possible resource(s):  ii. Basis for identification:	□Yes <b>☑</b> No
h. Is the project site within fives miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource?  If Yes:	<b>✓</b> Yes No
<ul> <li>i. Identify resource: Hudson River</li> <li>ii. Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or etc.): Long Dock Park; Pete &amp; Toshi Seeger Riverfront Park</li> </ul>	scenic byway,
iii. Distance between project and resource: 0.2 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 <b>☑</b> No
ii. 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 in measures which you propose to avoid or minimize them.	npacts plus any
G. Verification I certify that the information provided is true to the best of my knowledge.	
Applicant/Sponsor Name Jon Bodendorf, P.E. (Hudson Land Design, PC) Date 4/25/2017, Revised September 26, 2017	
Signature Title Project Engineer	



Disclaimer: The EAF Mapper is a screening tool intended to assist project sponsors and reviewing agencies in preparing an environmental assessment form (EAF). Not all questions asked in the EAF are answered by the EAF Mapper. Additional information on any EAF question can be obtained by consulting the EAF Workbooks. Although the EAF Mapper provides the most up-to-date digital data available to DEC, you may also need to contact local or other data sources in order to obtain data not provided by the Mapper. Digital data is not a substitute for agency determinations.



B.i.i [Coastal or Waterfront Area]	Yes
B.i.ii [Local Waterfront Revitalization Area]	Yes
C.2.b. [Special Planning District]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h [DEC Spills or Remediation Site - Potential Contamination History]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Listed]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Environmental Site Remediation Database]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.iii [Within 2,000' of DEC Remediation Site]	Yes
E.1.h.iii [Within 2,000' of DEC Remediation Site - DEC ID]	V00293 , C314112 , V00096 , 314069 , 546031
E.2.g [Unique Geologic Features]	No
E.2.h.i [Surface Water Features]	No
E.2.h.ii [Surface Water Features]	Yes
E.2.h.iii [Surface Water Features]	Yes - Digital mapping information on local and federal wetlands and waterbodies is known to be incomplete. Refer to EAF Workbook.
E.2.h.v [Impaired Water Bodies]	No
E.2.i. [Floodway]	No
E.2.j. [100 Year Floodplain]	No
E.2.k. [500 Year Floodplain]	No
E.2.I. [Aquifers]	No
E.2.n. [Natural Communities]	No
E.2.o. [Endangered or Threatened Species]	Yes

E.2.p. [Rare Plants or Animals]	No
E.3.a. [Agricultural District]	No
E.3.c. [National Natural Landmark]	No
E.3.d [Critical Environmental Area]	No
E.3.e. [National Register of Historic Places]	Yes - Digital mapping data for archaeological site boundaries are not available. Refer to EAF Workbook.
E.3.e.ii [National Register of Historic Places - Name]	BogardusDeWindt House
E.3.f. [Archeological Sites]	Yes
E.3.i. [Designated River Corridor]	No