

**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: Silo Ridge Resort Community		
Project Location (describe, and attach a general location map): Former Silo Ridge Country Club, 4651 Route 22 and Harlem Valley Landfill, Amenia, Dutchess County		
Brief Description of Proposed Action (include purpose or need): The project site includes parcels 7066-00-732810, 7066-00-860725, 7067-00-742300, 7066-00-67017, 7067-00-709177, 7067-00-628131, and portion of 7066-00-870350. The Proposed Action is (i) amended Special Use Permit/Master Development Plan Approval; (ii) Site Plan Approval (for the first phase of development); and (iii) Preliminary Subdivision Approval, for the redevelopment of the Silo Ridge Golf Course as a mixed-use a resort community including 52 attached condominiums, 159 single-family detached homes, 13 town homes, 21 lodging units, a winery/restaurant, an 18-hole golf course, and associated recreational and open space amenities. An approximately 5.8 acre portion of the adjoining property owned by Harlem Valley Landfill Corp. (parcel 7066-00-870350) on which a portion of golf holes 13 and 14 will be located, will be added to the Silo Ridge Resort Community site by lot line adjustment, and owned by the Applicant. The existing entrance road from Route 22 located on adjoining parcel 7066-00-870350 will serve as an emergency access road for the Silo Ridge Resort Community site and entrance to the golf maintenance facility. This access road and the golf maintenance facility will be permitted by easement in favor of the Silo Ridge Resort Community. The existing site is approximately 670 acres; together with the 5.8 acres to be added from the adjoining property, and the approximately 4.9 acre easement area on the adjoining property, the "site" for purposes of this EAF consists of approximately 681 acres. See Section D.1.b.		
Name of Applicant/Sponsor: Applicant: Silo Ridge Ventures, LLC		Telephone: (845) 373-8020 E-Mail:
Address: 5021 Route 44		
City/PO: Amenia	State: NY	Zip Code: 12501
Project Contact (if not same as sponsor; give name and title/role): Pedro Torres		Telephone: (845) 373-8020 E-Mail: Ptorres@stoneleafpartners.com
Address:		
City/PO:	State:	Zip Code:
Property Owner (if not same as sponsor): Silo Ridge Ventures, LLC		Telephone: (845) 373-8020 E-Mail:
Address: 5021 Route 44		
City/PO: Amenia	State: NY	Zip Code: 12501

B. Government Approvals

B. Government Approvals Funding, or Sponsorship. ("Funding" includes grants, loans, tax relief, and any other forms of financial assistance.)		
Government Entity	If Yes: Identify Agency and Approval(s) Required	Application Date (Actual or projected)
a. City Council, Town Board, <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No or Village Board of Trustees	Sewer works and water works corps.	TBD
b. City, Town or Village <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Planning Board or Commission	Amendment of MDP (Amended Special Use Permit approval); Site Plan Approval; Subdivision Approval (and/or lot line adjustment)	10-07-2013
c. City Council, Town or <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Village Zoning Board of Appeals		
d. Other local agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Town of Amenia Water District 1: water service connections	TBD
e. County agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	County Health Dept: water and sewer County Dept of Public Works: highway work permit	TBD
f. Regional agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
g. State agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	NYSDEC: SPDES public water/sewer and general permit, protection of waters permit; NYSDOH: public water/sewer; NYSDOT: Highway access permit; NYS Dept. of State: sewer works and water works corporation	projected: 04-01-2014
h. Federal agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	US ACOE: NWP 42 - wetland permit	projected: 04-01-2014
i. Coastal Resources.		
i. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If Yes,		
ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program?		<input type="checkbox"/> Yes <input type="checkbox"/> No
iii. Is the project site within a Coastal Erosion Hazard Area?		<input type="checkbox"/> Yes <input type="checkbox"/> No

C. Planning and Zoning

C.1. Planning and zoning actions.	
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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<ul style="list-style-type: none"> • If Yes, complete sections C, F and G. • If No, proceed to question C.2 and complete all remaining sections and questions in Part 1 	
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?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If Yes, does the comprehensive plan include specific recommendations for the site where the proposed action would be located?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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?)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If Yes, identify the plan(s):	
Dutchess County Greenway Connections and Guides	

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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If Yes, identify the plan(s):	

C.3. Zoning

a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance. Yes No
 If Yes, what is the zoning classification(s) including any applicable overlay district?
 RA (Rural Agriculture) District; RDO (Resort Development Overlay) District; SPO (Scenic Protection Overlay) District; SCO (Stream Corridor Overlay) District. The adjoining property of Harlem Valley Landfill Corp. is zoned Office/Commercial/ Industry Mixed-Use (OC) District.

b. Is the use permitted or allowed by a special or conditional use permit? Yes No

c. Is a zoning change requested as part of the proposed action? Yes No
 If Yes,
 i. What is the proposed new zoning for the site? _____

C.4. Existing community services.

a. In what school district is the project site located? Webutuck Central School District

b. What police or other public protection forces serve the project site?
Dutchess County Sheriff, New York State Police

c. Which fire protection and emergency medical services serve the project site?
Amenia Fire Company; Northern Dutchess Paramedics

d. What parks serve the project site?
Town of Amenia Parks (Beekman, Borden, and Wassaic Parks); Wassaic State Multiple Use Area; Harlem Valley Rail Trail; Thomas Young Park

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, include all components)? Mixed-use resort community with residences, lodging units, winery/restaurant, neighborhood retail, golf course, and associated recreational and open space amenities.

b. a. Total acreage of the site of the proposed action? 681+/- acres (includes the approximately 4.9 acre easement area on the adjoining property)
 b. Total acreage to be physically disturbed? 273.8+/- acres
 c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? 676+/- acres

c. Is the proposed action an expansion of an existing project or use? Yes No
 i. If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet)? % _____ Units: _____

d. Is the proposed action a subdivision, or does it include a subdivision? Yes No
 If Yes,
 i. Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types)
Subdivision to create residential lots (fee simple and condo), and lots for non-residential facilities (i.e., golf course)
 ii. Is a cluster/conservation layout proposed? Yes No
 iii. Number of lots proposed? 207+/- residential and non-residential lots
 iv. Minimum and maximum proposed lot sizes? Minimum 3,900+/- SF Maximum 220+/- AC

e. Will proposed action be constructed in multiple phases? Yes No
 i. If No, anticipated period of construction: _____ months
 ii. If Yes:
 • Total number of phases anticipated 3
 • Anticipated commencement date of phase 1 (including demolition) Aug month 2014 year
 • Anticipated completion date of final phase Aug month 2021 year
 • Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases: _____
 Phase 1 is not functionally dependent on the subsequent phase. Timing of the later phases of development will be influenced by sales response to first phase development and general market conditions.

f. Does the project include new residential uses? (does not include 21 lodging units) Yes No
 If Yes, show numbers of units proposed.

	<u>One Family</u>	<u>Two Family</u>	<u>Three Family</u>	<u>Multiple Family (four or more)</u>
Initial Phase	92			65
At completion of all phases	159			65

g. Does the proposed action include new non-residential construction (including expansions)? Yes No
 If Yes,

i. Total number of structures 197 (both res and non-res)
 ii. Dimensions (in feet) of largest proposed structure: <35' height; 80' width; and 300' length
 iii. Approximate extent of building space to be heated or cooled: 1.0± million square feet

h. Does the proposed action include construction or other activities that will result in the impoundment of any liquids, such as creation of a water supply, reservoir, pond, lake, waste lagoon or other storage? Yes No
 If Yes,

i. Purpose of the impoundment: Stormwater management of water quality and quantity
 ii. If a water impoundment, the principal source of the water: Ground water Surface water streams Other specify:
 iii. If other than water, identify the type of impounded/contained liquids and their source.
 Not applicable.
 iv. Approximate size of the proposed impoundment. Volume: 46.8 million gallons; surface area: 12.2 acres
 v. Dimensions of the proposed dam or impounding structure: 4-8' height; 150-1350' length
 vi. Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete):
earth fill

D.2. Project Operations

a. Does the proposed action include any excavation, mining, or dredging, during construction, operations, or both? Yes No
 (Not including general site preparation, grading or installation of utilities or foundations where all excavated materials will remain onsite)
 If Yes:

i. What is the purpose of the excavation or dredging? Creation of stormwater management basins and reshaping of existing ponds
 ii. How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site?
 • Volume (specify tons or cubic yards): 0 - all material must remain on site
 • Over what duration of time? NA
 iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them.
 Soil type: SKE, SkC, Ue, Ud, CuC, CwB, GfD & Wy (refer to Project Soil Report for characteristics of each soil group); All soils will be reused and will remain on site.

iv. Will there be onsite dewatering or processing of excavated materials? Yes No
 If yes, describe. Dewatering will occur where existing ponds will be reshaped.

v. What is the total area to be dredged or excavated? 8.75 acres
 vi. What is the maximum area to be worked at any one time? 2.0 acres
 vii. What would be the maximum depth of excavation or dredging? 20 feet
 viii. Will the excavation require blasting? Yes No
 ix. Summarize site reclamation goals and plan:
The project is committed to maintaining all cut material on-site and reusing the cut material where fill material is needed. The overall cut/fill quantities for the project result in a net fill, therefore, there will be no excess cut.

b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, waterbody, shoreline, beach or adjacent area? Yes No
 If Yes:

i. Identify the wetland or waterbody which would be affected (by name, water index number, wetland map number or geographic description): Wetland "N", Wetland "O", Wetland "I", Wetland "G-1", Pond "D", Pond "K", Pond "J-1", Stream "M/P", Stream "J", Stream "O", Stream "QQ", Stream "E-1", Stream "E-2", Stream "G", Green Island/Irrigation Pond

ii. Describe how the proposed action would affect that waterbody or wetland, e.g. excavation, fill, placement of structures, or alteration of channels, banks and shorelines. Indicate extent of activities, alterations and additions in square feet or acres:
 See attached "Affected Waterbody/Wetland Table"

iii. Will proposed action cause or result in disturbance to bottom sediments? Yes No
 If Yes, describe: On-site ponds will be expanded and joined, which would result in alteration of banks and bottom disturbance.

iv. Will proposed action cause or result in the destruction or removal of aquatic vegetation? Yes No
 If Yes:

- acres of aquatic vegetation proposed to be removed: 0.75 AC
- expected acreage of aquatic vegetation remaining after project completion: 0.89 AC (includes created aquatic vegetation)
- purpose of proposed removal (e.g. beach clearing, invasive species control, boat access): Expansion and re-contouring of ponds
- proposed method of plant removal: Excavation
- if chemical/herbicide treatment will be used, specify product(s): Not applicable

v. Describe any proposed reclamation/mitigation following disturbance:
 Not applicable.

c. Will the proposed action use, or create a new demand for water? Yes No
 If Yes:

i. Total anticipated water usage/demand per day: 128,000 gallons/day

ii. Will the proposed action obtain water from an existing public water supply? Yes No
 If Yes:

- Name of district or service area: _____
- Does the existing public water supply have capacity to serve the proposal? Yes No
- Is the project site in the existing district? Yes No
- Is expansion of the district needed? Yes No
- Do existing lines serve the project site? Yes No

iii. Will line extension within an existing district be necessary to supply the project? Yes No
 If Yes:

- Describe extensions or capacity expansions proposed to serve this project: _____
- Source(s) of supply for the district: _____

iv. Is a new water supply district or service area proposed to be formed to serve the project site? Yes No
 If, Yes:

- 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:
 Water Works Corp will be formed for the on-site public water supply

vi. If water supply will be from wells (public or private), maximum pumping capacity: 283 gallons/minute.

d. Will the proposed action generate liquid wastes? Yes No
 If Yes:

i. Total anticipated liquid waste generation per day: 115,000 gallons/day

ii. Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combination, describe all components and approximate volumes or proportions of each):
 Sanitary sewage

iii. Will the proposed action use any existing public wastewater treatment facilities? Yes No
 If Yes:

- 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? Yes No
- Is expansion of the district needed? Yes No

h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)? Yes No
 If Yes:
 i. Estimate methane generation in tons/year (metric): _____
 ii. Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring): _____

i. Will the proposed action result in the release of air pollutants from open-air operations or processes, such as quarry or landfill operations? Yes No
 If Yes: Describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust): _____

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? Yes No
 If Yes:
 i. When is the peak traffic expected (Check all that apply): Morning Evening Weekend
 Randomly between hours of _____ to _____.
 ii. For commercial activities only, projected number of semi-trailer truck trips/day: _____ 1 _____
 iii. Parking spaces: Existing 328 Proposed 622 Net increase/decrease +294
 iv. Does the proposed action include any shared use parking? Yes No
 v. If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe:
 Addition of northbound left-turn lane on Route 22 at main site access. Site will utilize existing access points and two new curb cuts will be added at separate points along Route 44 1) for the WWTP driveway and 2) for the Public Overlook driveway.

 vi. Are public/private transportation service(s) or facilities available within ½ mile of the proposed site? Yes No
 vii. Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? Yes No
 viii. Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? Yes No

k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy? Yes No
 Not applicable - project is a mixed-use, primarily residential resort community.
 If Yes:
 i. Estimate annual electricity demand during operation of the proposed action: _____

 ii. Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility, or other): _____

 iii. Will the proposed action require a new, or an upgrade to, an existing substation? Yes No

l. Hours of operation. Answer all items which apply.
 i. During Construction:
 • Monday - Friday: _____ 7am-6pm _____
 • Saturday: _____ 8am-4pm _____
 • Sunday: _____ NA _____
 • Holidays: _____ NA _____
 ii. During Operations: For Resort Amenities (Residential is assumed to be 24 hours):
 • Monday - Friday: _____ 6am-1am _____
 • Saturday: _____ 6am-1am _____
 • Sunday: _____ 6am-1am _____
 • Holidays: _____ 6am-1am _____

<p>m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If yes:</p> <p>i. Provide details including sources, time of day and duration: Typical sporadic noise associated with construction vehicles and activity _____</p>
<p>ii. Will proposed action remove existing natural barriers that could act as a noise barrier or screen? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Describe: _____</p>
<p>n. Will the proposed action have outdoor lighting? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If yes:</p> <p>i. Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures: Lighting will be provided at and on buildings (maximum height 12') with downward facing fixtures. _____</p>
<p>ii. Will proposed action remove existing natural barriers that could act as a light barrier or screen? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Describe: <u>The proposed action will remove existing trees; the proposed landscape plan will account for any visual impacts.</u> _____</p>
<p>o. Does the proposed action have the potential to produce odors for more than one hour per day? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures: _____</p>
<p>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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If Yes:</p> <p>i. Product(s) to be stored _____</p> <p>ii. Volume(s) _____ per unit time _____ (e.g., month, year)</p> <p>iii. Generally describe proposed storage facilities: _____</p> <p><small>Note: Fuel storage at maintenance building will not exceed 1,000 gallons. Pesticides/herbicides will be ordered and used on an as-needed basis and will not exceed 185 gallons.</small></p>
<p>q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p>i. Describe proposed treatment(s): Pesticide use for landscaping and golf course to be applied in accordance with Integrated Pest Management Plan and Habitat Management Plan procedures. _____</p>
<p>ii. Will the proposed action use Integrated Pest Management Practices? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p style="text-align: right;">Not Applicable</p> <p>If Yes:</p> <p>i. Describe any solid waste(s) to be generated during construction or operation of the facility:</p> <ul style="list-style-type: none"> • Construction: _____ tons per _____ (unit of time) • Operation : _____ tons per _____ (unit of time) <p>ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:</p> <ul style="list-style-type: none"> • Construction: _____ • Operation: _____ <p>iii. Proposed disposal methods/facilities for solid waste generated on-site:</p> <ul style="list-style-type: none"> • Construction: _____ • Operation: _____

s. Does the proposed action include construction or modification of a solid waste management facility? Yes No

If Yes:

i. Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill, or other disposal activities): _____

ii. 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 waste? Yes No

If Yes:

i. Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility: _____

ii. Generally describe processes or activities involving hazardous wastes or constituents: _____

iii. Specify amount to be handled or generated _____ tons/month

iv. 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? Yes 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. 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): Former golf course and country club - closed in 2009

ii. If mix of uses, generally 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	14	35.0	21.4
• Forested	347	310.7	-36.7
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)	93	11.3	-81.4
• Agricultural (includes active orchards, field, greenhouse etc.)	10	0.0	-10.0
• Surface water features (lakes, ponds, streams, rivers, etc.)	15	20.3*	4.9
• Wetlands (freshwater or tidal)	27	37.4*	10.4
• Non-vegetated (bare rock, earth or fill)	5	2.0	-3.0
• Other			
Describe: <u>Golf Course (Based on Golf Parcel Size, but excludes water)</u>	170	163.2	-6.8
<u>Habitat Management Zone - Restoration & Landscaping</u>	0	101.1	101.1

*Surface water features and wetlands are inclusive of proposed stormwater management basins.

c. Is the project site presently used by members of the community for public recreation? Yes No
 i. If Yes: explain: The project site consists of private land. The site was formerly used as a golf course, however the facility is presently closed.

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? Yes No
 If Yes,
 i. Identify Facilities:

e. Does the project site contain an existing dam? Yes No
 If Yes:
 i. Dimensions of the dam and impoundment:
 • Dam height: Pond K = 1'; Pond J-1 = 18" feet
 • Dam length: Pond K = 3'; Pond J-1 = 30" feet
 • Surface area: Pond K = 2.06 ac; Pond J-1 = 0.46 ac acres
 • Volume impounded: Pond K = 54.6 ac-ft; Pond J-1 = 1.84 ac-ft gallons OR acre-feet
 ii. Dam's existing hazard classification: Low hazard
 iii. Provide date and summarize results of last inspection:
 NA _____

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 No
 If Yes:
 i. Has the facility been formally closed? Yes No
 • If yes, cite sources/documentation: Harlem Valley Landfill Corp.: 1997 NYSDEC Closure Cert Report; Amenia Town Landfill/Thomas Young Park-Site Code 314006
 ii. Describe the location of the project site relative to the boundaries of the solid waste management facility:
There is a closed landfill on the adjacent parcel owned by Harlem Valley Landfill Corp. The approximately 5.8 acre portion of that property proposed to be made part of the Silo Ridge Resort Community site is not part of the Harlem Valley Landfill. The 4.9 acre easement crosses the northern edge of the Harlem Valley Landfill. The Amenia Town Landfill abuts the southeastern corner of the site.
 iii. Describe any development constraints due to the prior solid waste activities:
 Not applicable. No development activities are constrained due to the existing/ former landfills on adjacent properties.

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? Yes No
 If Yes:
 i. Describe waste(s) handled and waste management activities, including approximate time when activities occurred:
Amenia Town Landfill - Site Code 314006. Municipal and industrial wastes disposed of in landfill until closure in 1976. In 1988, the NYSDEC identified a drum disposal area at south end of the Amenia Town Landfill. Primary contaminants of concern were PCBs and heavy metals. Source: Environmental Site Remediation Database.

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? Yes No
 If Yes:
 i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? Check all that apply: Yes No
 Yes – Spills Incidents database Provide DEC ID number(s): _____
 Yes – Environmental Site Remediation database Provide DEC ID number(s): Amenia Town Landfill - Site Code 314006
 Neither database
 ii. If site has been subject of RCRA corrective activities, describe control measures:

 iii. Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? Yes No
 If yes, provide DEC ID number(s): Amenia Town Landfill - Site Code 314006
 iv. If yes to (i), (ii) or (iii) above, describe current status of site(s):
Inactive municipal landfill.

v. Is the project site subject to an institutional control limiting property uses? Yes No

- If yes, DEC site ID number: _____
- Describe the type of institutional control (e.g., deed restriction or easement): _____
- Describe any use limitations: _____
- Describe any engineering controls: _____
- Will the project affect the institutional or engineering 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? _____ >12' feet (The majority of soil borings within development area indicated bedrock depths of greater than 12'.)

b. Are there bedrock outcroppings on the project site? Yes No
If Yes, what proportion of the site is comprised of bedrock outcroppings? _____ approx 2 %

c. Predominant soil type(s) present on project site:

NxF	_____	18.3 %
CuC	_____	15.4 %
SmD	_____	10.5 %

d. What is the average depth to the water table on the project site? Average: _____ >9 feet

e. Drainage status of project site soils: Well Drained: _____ 20 % of site
 Moderately Well Drained: _____ 45 % of site
 Poorly Drained _____ 35 % of site

f. Approximate proportion of proposed action site with slopes: 0-10%: _____ 28 % of site
 10-15%: _____ 14 % of site
 15% or greater: _____ 58 % of site

g. Are there any unique geologic features on the project site? Yes No
If Yes, describe: _____

h. Surface water features.

i. Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)? Yes No

ii. Do any wetlands or other waterbodies adjoin the project site? 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 adjoining the project site regulated by any federal, state or local agency? Yes No

iv. For each identified regulated wetland and waterbody on the project site, provide the following information:

- Streams: Name See attached waterbody listing Classification _____
- Lakes or Ponds: Name See attached waterbody listing Classification _____
- Wetlands: Name See attached waterbody listing Approximate Size _____
- Wetland No. (if regulated by DEC) AM-15

v. Are any of the above water bodies listed in the most recent compilation of NYS water quality-impaired waterbodies? Yes No
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? Yes No

l. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer? Yes No
If Yes:
i. Name of aquifer: A majority of the site is located over the Upland Aquifer. Southeastern portion of the site along Route 22 is located within the Priority Valley Bottom Aquifer (PVBA).

m. Identify the predominant wildlife species that occupy or use the project site: _____
 Site supports a variety of wildlife species typical of those observed within rural areas of central eastern NYS. _____
 See comprehensive listing in Habitat Assessment Report, Feb. 2007 prepared in association with Silo Ridge DEIS. _____

n. Does the project site contain a designated significant natural community? Yes No
 If Yes:
 i. Describe the habitat/community (composition, function, and basis for 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 plant or animal that is listed by the federal government or NYS as endangered or threatened, or does it contain any areas identified as habitat for an endangered or threatened species? Yes No
 Hill's pondweed (State listed threatened) - no development proposed within area.

p. Does the project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern? Yes No
 Species of special concern: Cooper's Hawk, Wood Turtle, Spotted Turtle and Marbled Salamander

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 affect that use: _____
 Hunting related activity at neighboring Tamarack Preserve. Proposed action will not affect that use.

E.3. Designated Public Resources On or Near Project Site

a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304? Yes No
 If Yes, provide county plus district name/number: _____

b. Are agricultural lands consisting of highly productive soils present? Yes No
 i. If Yes: acreage(s) on project site? _____
 ii. Source(s) of soil rating(s): Soils in areas being farmed (SKC, SKD, SkE, DwD, NxF, CuC) are not are considered highly productive (Soil Groups 1-4 in the NY Agricultural Land Classification) or prime farmland (Dutchess County Soil Survey)

c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark? Yes No
 If Yes:
 i. Nature of the natural landmark: Biological Community Geological Feature
 ii. Provide brief description of landmark, including values behind designation and approximate size/extent: _____

d. Is the project site located in or does it adjoin a state listed Critical Environmental Area? Yes No
 If Yes:
 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If Yes:	
i. Nature of historic/archaeological resource: <input type="checkbox"/> Archaeological Site <input type="checkbox"/> Historic Building or District	
ii. Name: _____	
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?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
g. Have additional archaeological or historic site(s) or resources been identified on the project site?	
If Yes:	
i. Describe possible resource(s): <u>Two historic archaeological sites.</u>	
ii. Basis for identification: <u>Systematic surveys</u>	
h. Is the project site within five miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If Yes:	
i. Identify resource: <u>Wassaic Multiple Use Area (State Forest) and Scenic Protection Overlay District</u>	
ii. Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.): <u>Portion of site within Scenic Protection Overlay District</u>	
iii. Distance between project and resource: _____ 0 miles.	
i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR 666?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If Yes:	
i. Identify the name of the river and its designation: _____	
ii. Is the activity consistent with development restrictions contained in 6NYCRR Part 666?	
<input type="checkbox"/> Yes <input type="checkbox"/> No	

F. Additional Information

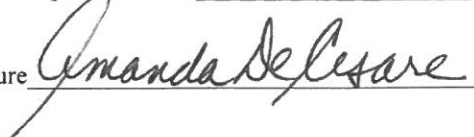
Attach any additional information which may be needed to clarify your project.

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 Amanda DeCesare, VHB on behalf of Silo Ridge Date 03/13/2014

Signature  Title Senior Project Manager - VHB

E.2.h. Surface Water Features**Waterbody Listing**

Streams*	Name	Classification
	Amenia/Cascade Brook	C(TS)
	Un-named perennial stream	C
	Seven intermittent streams	C

Ponds*	Name	Classification
	A	NA
	B	NA
	D	NA
	H	NA
	J1	NA
	J2	NA
	K	NA
	Z	NA

Wetlands	Name	Size (acres)
	A (isolated)	0.52
	B	0.87
	C-1	1.12
	C-2	1.31
	C-3	0.02
	D	0.43
	E-1	0.05
	E-2	0.04
	G-1	0.33
	G-2	0.01
	H	0.51
	I (isolated)	0.06
	J	2.46
	K	2.06
	L (NYSDEC AM-15)	26.03
	N	0.15
	O	0.03
	OO	0.01
	P	0.06
	QQ	0.02
	R (isolated)	0.1
	S (isolated)	0.34
	V	0.35
	Z	5.53
Total Wetland Acreage		42.41
Total Jurisdictional Acreage (Excludes acreage of isolated wetlands A, I, R & S)		41.39

* Existing ponds and streams on the project site are shown under the Wetlands category based on the "Silo Ridge Map of Wetland Survey Prepared for Higher Ground Country Club Management Co., LLC" dated 1/13/06 Rev. #5 dated 5/30/07.

D.2.b.ii. Project Operations
Affect to Waterbody or Wetland

Existing Wetland	Existing (acres)	Proposed (acres)	Difference (acres)	Total Wetland Disturbance (acres)	Description
Wetland A *	0.52	0.85	0.33	0.52	Pond regraded and expanded for stormwater management
Wetland B	0.87	0.89	0.02	0.87	Pond regraded and expanded for stormwater management
Wetland D	0.43	0.67	0.24	0.08	Partially filled and expanded
Wetland G-1	0.33	0.33	0.00	0.02	0.02 AC regraded
Wetland H	0.51	0.51	0.00	0	Stone wall proposed along western edge
Wetland I *	0.06	0.00	-0.06	0.06	Completely filled
Wetland J-1	0.44	0.48	0.03	0.139	Pond reconfigured
Wetland K + Z	2.06 + 5.53	8.31	0.72	0.133	Expanded and connected Wetlands K + Z; stone wall proposed along western edge of Wetland K for golf grading
Wetland N	0.15	0.59	0.44	0.026	Partially filled and expanded for stormwater management
Wetland O	0.03	0.00	-0.03	0.03	Completely filled
		TOTALS	1.69	1.878	
		TOTALS (Jurisdictional Acreage* - excludes acreage of Isolated Wetlands A & I)	1.42	1.298	

* Wetlands A and I are isolated wetlands and are not included in the jurisdictional acreage - Refer to the "Silo Ridge Map of Wetland Survey Prepared for Higher Ground Country Club Management Co., LLC" dated 1/13/06 Rev. #5 dated 5/30/07.

Existing Surface Waterbody	Existing (Linear Feet)	Proposed (Linear Feet)	Difference (Linear Feet)	Description
Stream E-1	225	0	-225	Completely filled
Stream E-2	260	60	-200	Partially filled
Stream G	198	385	187	Completed filled; stream relocated as extension of Wetland G
Stream J (Upper)	288	288	0	Approx 90 LF will be disturbed during construction to install culvert pipe
Stream M/P	434	404	-30	Partially filled and regraded 90 LF
Stream O	74	0	-74	Completely filled
Stream QQ	330	110	-220	Partially filled
		TOTAL	-562	