

**TOWN OF GUILDERLAND
PLANNING BOARD
SEQR DETERMINATION**

SUBDIVISION: Pine Bush Senior Living Facility

APPLICANT: Pine Bush Senior Living, LLC

LOCATION: 145 New Karner Road

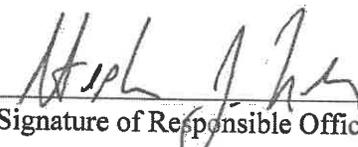
TYPE OF ACTION: TYPE I TYPE II UNLISTED

In accordance with Section 8-0113, Article 8 of the New York State Environmental Conservation law, this Agency has conducted an initial review to determine whether the above named project may have a significant effect on the environment and on the basis of that review hereby finds:

- The proposed project will not have a significant effect on the environment and therefore does not require the preparation of an Environmental Impact Statement. This determination is based on the reasons stated below.
- Although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because the mitigation measures described below have been added to the project. An Environmental Impact Statement is therefore not required.
- The proposed project may have a significant effect on the environment and therefore requires the preparation of an Environmental Impact Statement, based on the reasons listed below.

REASONS FOR DETERMINATION:

see attached negative declaration


Signature of Responsible Official

3/22/17
Date

Negative Declaration Pine Bush Senior Living

This negative declaration has been prepared in accordance with Article 8 of the NYS Environmental Conservation Law.

Lead Agency: Town of Guilderland Planning Board

For additional information: Stephen J. Feeney
Planning Board Chairman
P.O. Box 339
5209 Western Turnpike
Guilderland, NY 12084
Phone: (518) 356-1980 x 5

Description of action:

Action involves the construction of a Senior Living Community consisting of two principal buildings including: (1) a 37,500 SF 3 story 96 unit Independent Living Facility with attached Learning Center; and (2) a 53,000 SF 3 story 56 unit (72 bed) Assisted Living facility with 2 attached single-story 40 unit (48 bed) Memory Care wings with a total of 154 parking spaces.

SEQR Classification: Type I Action

Determination of Significance:

The project will not result in any large and important adverse environmental impacts and, therefore, is one which will not have a significant adverse impact on the environment.

Reasoning supporting determination:

After review of the Full Environmental Assessment Form, the criteria contained in section 617.7 (c) of the SEQR regulations, and supporting correspondence from: Town Planner (Staff Comments); Delaware Engineering (Town Designated Engineer); Bagdon Environmental (Endangered Species Screening Report and Wetland Delineation); Louis Berger (Phase I Archeological Survey); Dente Engineering (Slope Stability Evaluation); Creighton Manning (Traffic Evaluation); Hershberg & Hershberg (Storm Water Practice Feasibility Study Report) and the Albany Pine Bush Preserve Commission, the Town of Guilderland Planning Board has determined that the Project will not have a significant adverse impact on the environment.

Relevant areas of environmental concern identified as a result of project construction include:

- Potential adverse impacts to nearby single family residential properties;

- Potential adverse change in surface/ground water quality and impacts to significant habitat areas including adjoining Pine Bush Preserve; and,
- Potential adverse impacts to adjoining highway system.

The project is consistent with existing community and neighborhood character and no nearby single family residential properties will be adversely impacted. The closest single family residential properties are approximately 500 feet from the proposed buildings and on the opposite side of New Karner Road. Properties immediately adjoining the site are commercial.

Construction will take place outside of the angle of repose setback and over 200 linear feet from the Kaikout Kill. Construction activities will be limited to approximately 11 acres of the 51 acre site with approximately 40 acres permanently preserved as open space to be dedicated to the Albany Pine Bush Preserve Commission. The stormwater management plan incorporates porous pavement, dry swales and other green infrastructure in compliance with applicable NYSDEC standards. Based on the environmental survey of the site, it is unlikely any rare species will be impacted by the development.

New traffic trips associated with the project represent an approximately 1.5% increase in traffic volumes during the AM and PM peak hours and will not impact traffic operations on New Karner Road. The sight distance evaluation shows that sight distance measurements exceed guidelines for a 50-mph operation speed. The proposed southernmost site driveway will be utilized by the adjoining commercial building for ingress/egress resulting in the closure of an existing driveway. Sidewalks will be constructed to provide direct pedestrian access to Western Avenue and existing transit facilities.

**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 I is accurate and complete.

A. Project and Sponsor Information.

Name of Action or Project: Pine Bush Senior Living Project		
Project Location (describe, and attach a general location map): No. 145 Karner Road (Tax Map Parcel No. 40.0-2-18)		
Brief Description of Proposed Action (include purpose or need): The Applicant requests to rezone an 11+/- acre portion of the site to Planned Unit Development District (PUD), to accommodate a senior living complex which consists of the following elements: A 56 unit/72 bed Assisted Living Facility A 40 unit/48 bed Memory Care Facility A 96 unit Independent Living Facility A Senior Educational and Resource Facility The development includes a private access roadway, 168 +/- parking spaces, a service entrance, outdoor courtyard areas, a stormwater collection system and other utility connections as required. The applicant proposes to dedicate a 39.9 +/- acre portion of the site to become a portion of the Albany Pine Bush Preserve.		
Name of Applicant/Sponsor: Pine Bush Senior Living LLC c/o Timothy B. Cassidy, CEO, Senior Consulting, LLC		Telephone: 732-233-4625 E-Mail: seniorconsult@aol.com
Address: 823 West Park Avenue, #256		
City/PO: Ocean	State: NJ	Zip Code: 07712
Project Contact (if not same as sponsor; give name and title/role): Daniel R. Hershberg, P.E. & L.S., Engineer for the Applicant		Telephone: 518-459-3096 E-Mail: dan@hershberg.com
Address: 18 Locust Street		
City/PO: Albany	State: New York	Zip Code: 12203-2980
Property Owner (if not same as sponsor): Arlene D. Kehoe and Martin J. Kehoe, Jr. & Martin Kehoe & Associates P.C.		Telephone: (518) 452-8000 E-Mail:
Address: 2009 Western Avenue		
City/PO: Albany	State: NY	Zip Code: 12203

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, or Village Board of Trustees <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Town Board - Rezone of Property	June, 2015
b. City, Town or Village Planning Board or Commission <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Site Plan Approval, Subdivision Approval	August, 2015
c. City Council, Town or Village Zoning Board of Appeals <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Special Use Permits, Area Variances	August, 2015
d. Other local agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Building Department - Building Permit	February, 2016
e. County agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Dept of Planning - Section 239 Submittal; Dept. of Health - Water Supply Improvement Plan.	August, 2015
f. Regional agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
g. State agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	DOT - Highway Work Permit, DOH - Cert. of Need	
h. Federal agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	NWP #39 - ACOE	August-2015
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 checked="" type="checkbox"/> No
iii. Is the project site within a Coastal Erosion Hazard Area?		<input type="checkbox"/> Yes <input checked="" 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? Yes No

- 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? Yes No

If Yes, does the comprehensive plan include specific recommendations for the site where the proposed action would be located? Yes 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?) Yes No

If Yes, identify the plan(s):

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? Yes 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?
 Existing Zone is BN-RP District - (Business Non-Retail Professional)

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, Planned Unit Development District (PUD). -- Only the 11 acres for development will be rezoned;
 i. What is the proposed new zoning for the site? Preserved lands retain existing zoning.

C.4. Existing community services.

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

b. What police or other public protection forces serve the project site?
Guilderland Police Department

c. Which fire protection and emergency medical services serve the project site?
Westmere Fire District

d. What parks serve the project site?
Tawasentha 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)? Residential & Senior Service, Preserve

b. a. Total acreage of the site of the proposed action? 11.0 acres
 b. Total acreage to be physically disturbed? 10.0 acres
 c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? 50.9 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)
Once dedication of land to Pine Bush Preserve and establishment of entities to own facilities, four separate parcels will be created
 ii. Is a cluster/conservation layout proposed? Yes No
 iii. Number of lots proposed? 4
 iv. Minimum and maximum proposed lot sizes? Minimum 3 +/- acres Maximum 39.9 +/- acre

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 2
 • Anticipated commencement date of phase 1 (including demolition) Feb. month 2017 year
 • Anticipated completion date of final phase Dec month 2019 year
 • Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases: _____

f. Does the project include new residential uses? 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	_____	_____	_____	96
At completion of all phases	_____	_____	_____	192

g. Does the proposed action include new non-residential construction (including expansions)? Yes No
 If Yes,
 i. Total number of structures _____
 ii. Dimensions (in feet) of largest proposed structure: _____ height; _____ width; and _____ length
 iii. Approximate extent of building space to be heated or cooled: _____ 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: _____
 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. _____
 iv. Approximate size of the proposed impoundment. Volume: _____ million gallons; surface area: _____ acres
 v. Dimensions of the proposed dam or impounding structure: _____ height; _____ length
 vi. Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete): _____

D.2. Project Operations

a. Does the proposed action include any excavation, mining, or dredging, during construction, operations, or both? (Not including general site preparation, grading or installation of utilities or foundations where all excavated materials will remain onsite) Yes No
 If Yes:
 i. What is the purpose of the excavation or dredging? _____
 ii. How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site?
 • Volume (specify tons or cubic yards): _____
 • Over what duration of time? _____
 iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them. _____
 iv. Will there be onsite dewatering or processing of excavated materials? Yes No
 If yes, describe. _____
 v. What is the total area to be dredged or excavated? _____ acres
 vi. What is the maximum area to be worked at any one time? _____ acres
 vii. What would be the maximum depth of excavation or dredging? _____ feet
 viii. Will the excavation require blasting? Yes No
 ix. Summarize site reclamation goals and plan: _____

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): A 0.098 acre portion of an unnamed Federal wetland will be filled as part of this project.

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:
Fill will be placed to allow the construction of an access road and stormwater treatment facilities. The disturbed area will be 0.098 acre (4,288 SF)

iii. Will proposed action cause or result in disturbance to bottom sediments? Yes No
If Yes, describe: _____
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: 0.098
• expected acreage of aquatic vegetation remaining after project completion: 0.5 +/-
• purpose of proposed removal (e.g. beach clearing, invasive species control, boat access): Access road & Storm water mangagement facilities.
• proposed method of plant removal: Excavation & filling
• if chemical/herbicide treatment will be used, specify product(s): N/A
v. Describe any proposed reclamation/mitigation following disturbance: _____
No mitigation or reclamation is proposed as disturbance is less than 0.10 acre.

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: 21,120 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: Town of Guilderland
• 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: A water loop is proposed to be installed on the private road through a public easement with potable/fire water connections and fire hydrants.
• Source(s) of supply for the district: Watervliet Reservoir and three wells (0.5 MGD) and connection to City of Albany (2 MGD)
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: _____
vi. If water supply will be from wells (public or private), maximum pumping capacity: _____ gallons/minute.

d. Will the proposed action generate liquid wastes? Yes No
If Yes:
i. Total anticipated liquid waste generation per day: 21,120 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 Wastewater

iii. Will the proposed action use any existing public wastewater treatment facilities? Yes No
If Yes:
• Name of wastewater treatment plant to be used: Nott Road Wastewater Treatment Plant
• Name of district: Town of Guilderland
• 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

- Do existing sewer lines serve the project site? Yes No
- Will line extension within an existing district be necessary to serve the project? Yes No

If Yes:

- Describe extensions or capacity expansions proposed to serve this project: _____

Lines will have to be extended into the site from Karner Road _____

- iv. 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 specifying proposed receiving water (name and classification if surface discharge, or describe subsurface disposal plans):

- 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? Yes No

If Yes:

- i. How much impervious surface will the project create in relation to total size of project parcel?

_____ Square-foot or 4.4 acres (impervious surface)

_____ Square feet or 10.0 acres (parcel size)

- ii. Describe types of new point sources. Roofs, roadways, parking lots, landscaped lawns. Pavement will be primarily porous asphalt which mitigate a significant portion of the impervious surface listed above.

- 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)?

Infiltration Basin, Dry Sawles or Infiltration Trenches

- If to surface waters, identify receiving water bodies or wetlands: _____
To groundwater which is tributary to the Kaikout Kill _____

- Will stormwater runoff flow to adjacent properties? Yes No

- iv. Does proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater? 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? Yes No

If Yes, identify:

- i. Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles)

heavy equipment only during construction, passenger cars, buses and trucks for transportation and delivery

- ii. Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers)

None

- iii. Stationary sources during operations (e.g., process emissions, large boilers, electric generation)

Heating and cooling

- g. Will any air emission sources named in D.2.f (above), require a NY State Air Registration, Air Facility Permit, or Federal Clean Air Act Title IV or Title V Permit? Yes No

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:

- _____ Tons/year (short tons) of Carbon Dioxide (CO₂)
- _____ Tons/year (short tons) of Nitrous Oxide (N₂O)
- _____ Tons/year (short tons) of Perfluorocarbons (PFCs)
- _____ Tons/year (short tons) of Sulfur Hexafluoride (SF₆)
- _____ Tons/year (short tons) of Carbon Dioxide equivalent of Hydrofluorocarbons (HFCs)
- _____ Tons/year (short tons) of Hazardous Air Pollutants (HAPs)

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

Peak PM hourly volume is 51 VPH which is less than the level at NYSDOT requires traffic analysis (100 VPH) /DEC considers significant (100 VPH)

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: _____
- iii. Parking spaces: Existing _____ Proposed _____ Net increase/decrease _____
- 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: _____

vi. Are public/private transportation service(s) or facilities available within 1/2 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

If Yes:

i. Estimate annual electricity demand during operation of the proposed action: _____
950,000 Kwh

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

National Grid, On Site Solar System

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: _____ 7 AM - 6 PM
- Saturday: _____ 8 AM - 5 PM
- Sunday: _____ None
- Holidays: _____ None

ii. During Operations:

- Monday - Friday: _____ 24 hours
- Saturday: _____ 24 hours
- Sunday: _____ 24 hours
- Holidays: _____ 24 hours

m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both? Yes No

If yes:

i. Provide details including sources, time of day and duration:

Construction: Equipment Noise will occur during site work . Lower level of noise thereafter. Operation: Project will develop very low levels of noise from car arrival and departure.

ii. Will proposed action remove existing natural barriers that could act as a noise barrier or screen? Yes No

Describe: _____

n. Will the proposed action have outdoor lighting? Yes No

If yes:

i. Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:

Parking lot and walkways to the building will be lit utilizing pedestrian scale light standards with "Dark Skys" type of fixtures. Building mounted lighting will also employ "Dark Skys" type of fixtures.

ii. Will proposed action remove existing natural barriers that could act as a light barrier or screen? Yes No

Describe: Some trees will be removed, but "dark skys" lighting will be utilized to limit any light spread from the project.

o. Does the proposed action have the potential to produce odors for more than one hour per day? Yes No

If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures:

Cooking odors from kitchen facilities. Odor controls will be provided as required.

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? Yes No

If Yes:

i. Product(s) to be stored _____

ii. Volume(s) _____ per unit time _____ (e.g., month, year)

iii. Generally describe proposed storage facilities: _____

q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation? Yes No

If Yes:

i. Describe proposed treatment(s):

No pesticides, herbicides or insecticides will be used.

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 of solid waste (excluding hazardous materials)? Yes No

If Yes:

i. Describe any solid waste(s) to be generated during construction or operation of the facility:

• Construction: _____ 100 tons per _____ month (unit of time)

• Operation : _____ 10 tons per _____ month (unit of time)

ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:

• Construction: Usable material from site will be used to backfill areas.

• Operation: Paper, Glass and Plastic will be recycled.

iii. Proposed disposal methods/facilities for solid waste generated on-site:

• Construction: By contractor

• Operation: by waste disposal company.

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): Cemetery

ii. If mix of uses, generally describe: _____

Site is undeveloped and is bordered by commercial uses, residential uses, Pine Bush Preserve and a cemetery

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	0	4.5	+4.5
• Forested	50	39.9	-10.1
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)	0	0	0
• Agricultural (includes active orchards, field, greenhouse etc.)	0	0	0
• Surface water features (lakes, ponds, streams, rivers, etc.)	0.3	0.3	0
• Wetlands (freshwater or tidal)	0.6	0.5	-0.1
• Non-vegetated (bare rock, earth or fill)	0	0	0
• Other Describe: <u>Lawns and landscaped areas</u>	0	5.7	+5.7

c. Is the project site presently used by members of the community for public recreation? Yes No
i. If Yes: explain: _____

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:
A day care facility in adjoining property.

e. Does the project site contain an existing dam? Yes No
If Yes:

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: _____
iii. 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? Yes No

If Yes:
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:

iii. 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? Yes No

If Yes:
i. Describe waste(s) handled and waste management activities, including approximate time when activities occurred:

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): _____
 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): _____

iv. 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? 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? _____ Greater than 10 feet

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

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

Colonie Loamy Fine Sand	44 %
Elnora Loamy Fine Sand	13 %
Udipsamments-Urban LandComplex	13 %

d. What is the average depth to the water table on the project site? Average: _____ >10 feet

e. Drainage status of project site soils: Well Drained: 57 % of site
 Moderately Well Drained: 13 % of site
 Poorly Drained: 30 % of site

f. Approximate proportion of proposed action site with slopes: 0-10%: 90 % of site
 10-15%: 10 % of site
 15% or greater: _____ % of site

g. Are there any unique geologic features on the project site? Yes No
 If Yes, describe: Kaikout Kill crosses the site but not within the project development area but within the parcel to be dedicated to the Albany Pine Bush Preserve

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 Kaikout Kill Classification C(T)
- Lakes or Ponds: Name _____ Classification _____
- Wetlands: Name unnamed ACOE wetland Classification _____
- Wetland No. (if regulated by DEC) _____ Approximate Size 0.6 +/- acres

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: _____

m. Identify the predominant wildlife species that occupy or use the project site:
deer, chipmunks, rabbits, raccoons, _____
skunks, coyotes, turtles, salamanders _____
birds, insects _____

n. Does the project site contain a designated significant natural community?
If Yes: Yes No

i. Describe the habitat/community (composition, function, and basis for designation):
Pine Bush Study Area and Designated Area for Full Protection

ii. Source(s) of description or evaluation: Bagdon Environmental Assessment

iii. Extent of community/habitat:

- Currently: _____ 3200 acres
- Following completion of project as proposed: _____ 3240 acres
- Gain or loss (indicate + or -): _____ +40 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

See Bagdon Habitat Analysis

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

See Bagdon Habitat Analysis

q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing?
If yes, give a brief description of how the proposed action may affect that use: _____ Yes No

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?
i. If Yes: acreage(s) on project site? _____ Yes No
ii. Source(s) of soil rating(s): _____

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: _____

3,200-acre nature preserve, National Natural Landmark (NNL) designation. Supports Significant Geological Landforms, Ecological Habitats and Species, including the Endangered Karner Blue Butterfly

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? Yes No

If Yes:

i. Nature of historic/archaeological resource: Archaeological Site 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? Yes No

g. Have additional archaeological or historic site(s) or resources been identified on the project site? Yes No

If Yes:

i. Describe possible resource(s): _____

ii. Basis for identification: _____

h. Is the project site within five miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource? Yes No

If Yes:

i. Identify resource: _____

ii. Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.): _____

iii. Distance between project and resource: _____ miles.

i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR 666? Yes 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? Yes No

F. Additional Information

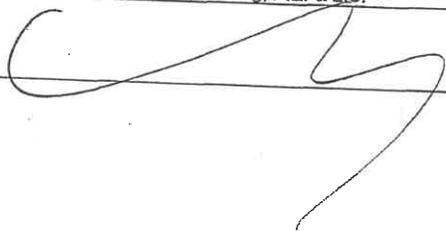
Attach any additional information which may be needed to clarify your project.

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 Daniel R. Hershberg, P.E. & L.S. Date 8/28/15

Signature  Title Engineer for the Applicant

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