

Full Environmental Assessment Form
Part 1 - Project and Setting

Last updated: 4/1/15

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: Anellotech: Addition to Building 123		
Project Location (describe, and attach a general location map): 401 N. Middletown Road, Building 123, Pearl River, NY, 10965 (Rockland County, Tax Map Designation (Section, Block, Lot): 68.08-1-1). Plan attached.		
Brief Description of Proposed Action (include purpose or need): The proposed action is an addition to Building 123, which is located on the approximate 203 acre Pfizer Pearl River campus that is zoned Light Industrial (LI). The addition will house a Research and Development facility to study the production of organic chemicals from sustainable and renewable biomass. The footprint of the addition is approximately 2,254 square feet (49 feet by 46 feet) and the total acreage of the site of the proposed action is approximately one half (0.5) acre (the "Site").		
Name of Applicant/Sponsor: Anellotech, Inc. (contact person: Marc Schneidkraut, P.E., Process Engineer)		Telephone: 845-735-7700 (Anellotech Office Line) E-Mail: mschneidkraut@anellotech.com
Address: 401 N. Middletown Road, Building 170A		
City/PO: Pearl River	State: NY	Zip Code: 10965
Project Contact (if not same as sponsor; give name and title/role): Marc Schneidkraut, P.E., Process Engineer		Telephone: Cell: 914-645-1143 E-Mail: mschneidkraut@anellotech.com
Address: 401 N. Middletown Road, Building 170A		
City/PO: Pearl River	State: NY	Zip Code: 10965
Property Owner (if not same as sponsor): Pfizer, Inc. (contact person: Robert Bracco)		Telephone: Office: 845-602-3260, Cell: 845-263-5460 E-Mail: robert.bracco@pfizer.com
Address: 401 N. Middletown Road		
City/PO: Pearl River	State: NY	Zip Code: 10965

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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No or Village Board of Trustees		
b. City, Town or Village <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Planning Board or Commission	Orangetown Planning Board: Site Plan Approval	Preliminary Approval: approved: 9/10/14 Final Approval: application: 1/30/15
c. City Council, Town or <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Village Zoning Board of Appeals	Orangetown Zoning Board of Appeals (ZBA): Performance Standards Review	ZBA: approved: 1/21/15
d. Other local agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Orangetown ACABOR: Architectural Review Orangetown Building Department: Building Permit	ACABOR: approved: 11/20/14 Building Permit: projected app.: May 2015
e. County agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Rockland County Highway Department: Permit Rockland County Drainage Agency: Permit	Highway Dept.: permit granted: 12/22/14 Drainage Agency: application: 2/20/15
f. Regional agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
g. State agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	New York State Department of Environmental Conservation: Part 360 RD&D Permit	NYSDEC: projected application: April 2015
h. Federal agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
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
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):

Please note that the NYSDEC EAF Mapper answers "Yes" for the 203 acre Pfizer campus, within which the Site is located. It refers to Remediation Site 344003, which is not in the location of the proposed action and is discussed more fully in E.1.h.

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?
The proposed action is located within a Light Industrial (LI) district where it is allowed by right.

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? Nanuet UFSD 392008.

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

Orangetown Police Department

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

Pearl River Fire Department and Pearl River Emergency Medical Services.

d. What parks serve the project site?

None. The project site is in the midst of a 203 acre Light Industrial 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)? Research and Development facility in a Light Industrial (LI) zone.

b. a. Total acreage of the site of the proposed action? 0.5 acres

b. Total acreage to be physically disturbed? 0.2 acres

c. Total acreage (project site and any contiguous properties) owned
or controlled by the applicant or project sponsor?

1 acre

Anellotech.

203 acres

Pfizer Campus.

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)? % 59 Units: square feet

2,254 SF: addition, 3,850 SF: current
(2,254/3,850) = 0.585 = 59% increase

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)

ii. Is a cluster/conservation layout proposed?

☐ Yes ☐ No

iii. Number of lots proposed?

iv. Minimum and maximum proposed lot sizes? Minimum _____ Maximum _____

e. Will proposed action be constructed in multiple phases?

☐ Yes ☒ No

i. If No, anticipated period of construction:

6-9 months

ii. If Yes:

• Total number of phases anticipated

• Anticipated commencement date of phase 1 (including demolition) _____ month _____ year

• Anticipated completion date of final phase _____ month _____ 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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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	_____	_____	_____	_____
At completion of all phases	_____	_____	_____	_____

g. Does the proposed action include new non-residential construction (including expansions)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes,	
i. Total number of structures <u>1</u>	
ii. Dimensions (in feet) of largest proposed structure: <u>84</u> height; <u>46</u> width; and <u>49</u> length	
iii. Approximate extent of building space to be heated or cooled: <u>14,040</u> square feet <div style="float: right; border: 1px solid black; padding: 2px; font-size: small;"> Use the outside faces of the walls containing heated and cooled spaces (per EAF Workbook). </div>	

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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes,	
i. Purpose of the impoundment: _____	
ii. If a water impoundment, the principal source of the water: <input type="checkbox"/> Ground water <input type="checkbox"/> Surface water streams <input type="checkbox"/> 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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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? _____	
ii. How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site? <ul style="list-style-type: none"> • 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? <input type="checkbox"/> Yes <input type="checkbox"/> 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? <input type="checkbox"/> Yes <input type="checkbox"/> 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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes:	
i. Identify the wetland or waterbody which would be affected (by name, water index number, wetland map number or geographic description): _____	

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:

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: _____
- 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? ☒ Yes ☐ No
If Yes:

i. Total anticipated water usage/demand per day: _____ 300 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: United Water
- 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: _____

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: _____ 300 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: approximately 300 gallons/day.

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

- Name of wastewater treatment plant to be used: Town of Orangetown Sewer Plant
- Name of district: Town of Orangetown Sewer 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

Only Sanitary Wastewater will use existing public wastewater treatment facilities.

Page 6 of 13

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): <2 tons/year

ii. Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring): A catalytic oxidizer will be used to convert methane to carbon dioxide and water.

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: _____

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 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
*Research and Development only.

If Yes:

i. Estimate annual electricity demand during operation of the proposed action: _____

Incremental electricity demand is 1,600 MWhrs per year.

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

The Pfizer campus utility infrastructure, which includes an existing co-generation plant (connected to the O&R grid) will handle the incremental demand.

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:	ii. During Operations:
• Monday - Friday: <u>7 am - 8 pm</u>	• Monday - Friday: <u>Up to 24 hours per day</u>
• Saturday: <u>7 am - 8 pm</u>	• Saturday: <u>Up to 24 hours per day</u>
• Sunday: <u>7 am - 8 pm</u>	• Sunday: <u>Up to 24 hours per day</u>
• Holidays: <u>7 am - 8 pm</u>	• Holidays: <u>Up to 24 hours per day</u>

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: _____

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:
The addition will have similar lighting to the existing building. This is general outdoor lighting mounted to the building (~20 feet high) directed downwards. Proximity to nearest occupied structures (outside of the Pfizer campus) is approximately 1,000 feet. Lighting approved by ACABOR (11/20/14).
ii. Will proposed action remove existing natural barriers that could act as a light barrier or screen? ☐ Yes ☒ No
Describe: _____

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: _____

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: *Research and Development only.
i. Describe proposed treatment(s):
Pest control by a pest control professional on a monthly basis (or more often if needed).
The current building has a pest control program, which will continue in the building addition. Mosquito dunks will be used when appropriate.

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
*Research and Development only. See D.2.1 for hazardous waste material information.
If Yes:
i. Describe any solid waste(s) to be generated during construction or operation of the facility:
• Construction: _____ <1 tons per _____ month (unit of time) Construction: Construction Debris
• Operation : _____ <4 tons per _____ year (unit of time) Operation: trash
ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:
• Construction: Re-use displaced soil in site grading.
• Operation: Recycling of paper, cardboard, and plastic goods.
iii. Proposed disposal methods/facilities for solid waste generated on-site:
• Construction: Private contractor.
• Operation: Garbage and trash will be handled by a private contractor.

s. Does the proposed action include construction or modification of a solid waste management facility? ☒ Yes ☐ No
 If Yes: NYSDEC has determined it will regulate this facility as a solid waste management facility.

i. Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill, or other disposal activities): Receipt and storage of clean cellulosic material for use in R&D facility to be regulated by NYSDEC.

ii. Anticipated rate of disposal/processing:

- _____ Tons/month, if transfer or other non-combustion/thermal treatment, or
- 0.02 Tons/hour, if combustion or thermal treatment

iii. If landfill, anticipated site life: _____ years Processing approximately 0.02 tons/hour as feedstock for the Research and Development activities.

t. Will proposed action at the site involve the commercial generation, treatment, storage, or disposal of hazardous waste? ☒ Yes ☐ No
*Research and Development only.

If Yes:

i. Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility: Benzene, Toluene, and Xylene (BTX) liquid mixture, ash, spent catalyst, and Research and Development wastewater.

ii. Generally describe processes or activities involving hazardous wastes or constituents: BTX liquid mixture, ash, spent catalyst, and R&D wastewater are generated as part of the R&D process. BTX will be stored indoors within DOT-specified drums (maximum six 55-gallon drums with secondary containment). The other materials will also be stored in the same manner.

iii. Specify amount to be handled or generated 8 tons/month 2 tons/month BTX, 5 tons/month R&D wastewater, <1 ton/month ash/spent catalyst

iv. Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents: Catalyst will be reused until it is spent.

v. Will any hazardous wastes be disposed at an existing offsite hazardous waste facility? ☒ Yes ☐ No
 If Yes: provide name and location of facility: _____

TBD. It will be a permitted off-site hazardous waste 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): Research and Development

ii. If mix of uses, generally describe: _____

The project is on the well-established Pfizer complex zoned for Light Industrial use (LI).
 While residential areas may be near some of the 203 acre Pfizer campus, they are not near the project Site.

b. Land uses and covertsypes on the project site.

Land use or Covertypes	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
• Roads, buildings, and other paved or impervious surfaces	0.125	0.250	+0.125
• Forested	0	0	0
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)	0.375	0.250	-0.125
• 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: _____	TOTAL: 0.5	TOTAL: 0.5	NET: 0

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: _____

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:

None on the project Site or adjoining the project Site, but there are two closed solid waste facilities on the Pfizer campus located across the railroad tracks, over 1,100 feet southwest of the project Site.

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:

None on the project Site or adjoining the project Site, but there are two closed hazardous waste landfills on the Pfizer campus located across the railroad tracks, over 1,100 feet southwest of the project Site.

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:

NYSDEC databases list spills and remedial actions on the Pfizer campus, but we are aware of no spill or remediation in the project Site or adjoining the Site.

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): Site Code 344003.
iv. If yes to (i), (ii) or (iii) above, describe current status of site(s): _____

Project completion date is 11/1/96 (site characterization). Contaminants of concern are neutralized acids, reactive and explosive chemicals and solvents. The two impacted buildings (which are not in the area of the project Site) will be remediated if and when building demolition occurs as per NYSDEC.

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? _____ > 25 feet Per Soil Borings conducted in July 2014.

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: Udorthents (Us) _____ 100 %
 _____ %
 _____ %

d. What is the average depth to the water table on the project site? Average: _____ > 11 feet Per Soil Borings conducted in July 2014.

e. Drainage status of project site soils: ☒ Well Drained: _____ 100 % of site
☐ Moderately Well Drained: _____ % of site
☐ Poorly Drained: _____ % of site

f. Approximate proportion of proposed action site with slopes: ☒ 0-10%: _____ 75 % of site
☒ 10-15%: _____ 17 % of site
☒ 15% or greater: _____ 8 % 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
Please note that the NYSDEC EAF Mapper answers "Yes" for the 203 acre Pfizer campus. While some portions of the 203 acre Pfizer campus may contain wetlands or other waterbodies, no portion of the project Site does.

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 _____ Classification _____
- Lakes or Ponds: Name _____ Classification _____
- Wetlands: Name _____ Approximate Size _____
- Wetland No. (if regulated by DEC) _____

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: Principal Aquifer. This is part of the Principal bedrock aquifer that underlays much of Rockland County, not a Sole Source or Primary high-yield aquifer.

<p>m. Identify the predominant wildlife species that occupy or use the project site: _____</p> <table style="width: 100%;"> <tr> <td style="width: 33%;">Deer _____</td> <td style="width: 33%;">Birds _____</td> <td style="width: 33%;"></td> </tr> <tr> <td>Rodents _____</td> <td></td> <td></td> </tr> <tr> <td>Rabbits _____</td> <td></td> <td></td> </tr> </table>		Deer _____	Birds _____		Rodents _____			Rabbits _____		
Deer _____	Birds _____									
Rodents _____										
Rabbits _____										
<p>n. Does the project site contain a designated significant natural community? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If Yes:</p> <p>i. Describe the habitat/community (composition, function, and basis for designation): _____</p> <p>ii. Source(s) of description or evaluation: _____</p> <p>iii. Extent of community/habitat:</p> <ul style="list-style-type: none"> • Currently: _____ acres • Following completion of project as proposed: _____ acres • Gain or loss (indicate + or -): _____ acres 										
<p>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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>										
<p>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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>										
<p>q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If yes, give a brief description of how the proposed action may affect that use: _____</p>										
<p>E.3. Designated Public Resources On or Near Project Site</p>										
<p>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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If Yes, provide county plus district name/number: _____</p>										
<p>b. Are agricultural lands consisting of highly productive soils present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>i. If Yes: acreage(s) on project site? _____</p> <p>ii. Source(s) of soil rating(s): _____</p>										
<p>c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If Yes:</p> <p>i. Nature of the natural landmark: <input type="checkbox"/> Biological Community <input type="checkbox"/> Geological Feature</p> <p>ii. Provide brief description of landmark, including values behind designation and approximate size/extent: _____</p>										
<p>d. Is the project site located in or does it adjoin a state listed Critical Environmental Area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If Yes:</p> <p>i. CEA name: _____</p> <p>ii. Basis for designation: _____</p> <p>iii. Designating agency and date: _____</p>										

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: See attachment.

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

iii. Distance between project and resource: _____ See attachment. 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.

List of Attachments:
1) Site Plan (A)
2) Soil Borings (E.2.e)
3) Archaeological Sensitive Area Map (E.3.f)
4) 5 mile radius Map (E.3.h)

G. Verification

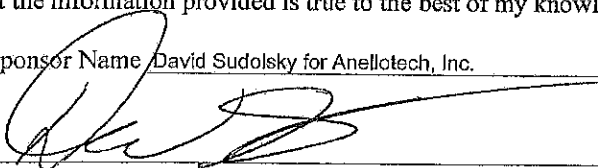
I certify that the information provided is true to the best of my knowledge.

Applicant/Sponsor Name David Sudolsky for Anellotech, Inc.

Date

2 April 2015

Signature

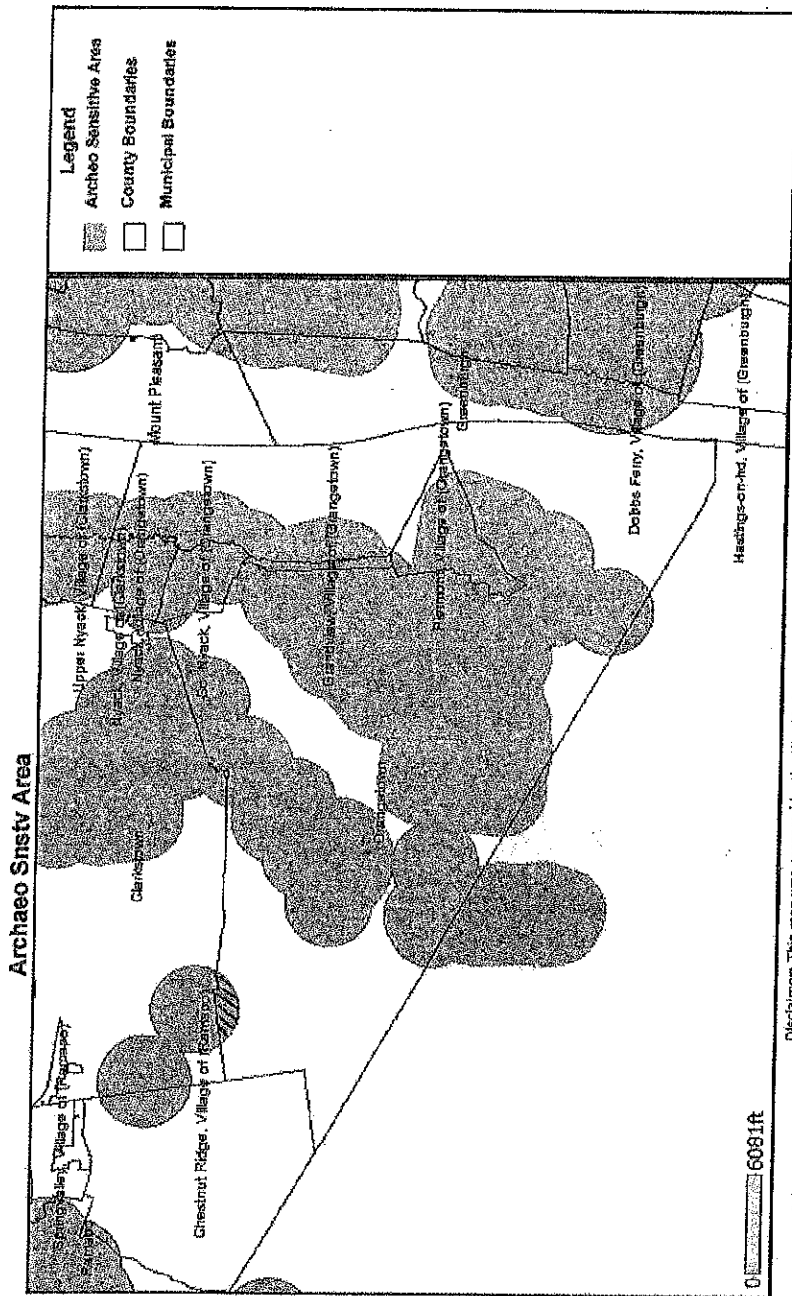


Title President and CEO

PRINT FORM

NOTES:

1. - SOIL DESCRIPTIONS ARE IN ACCORDANCE WITH THE UNITED SOIL CLASSIFICATION SYSTEM.
2. - SPECIAL WATER ENCOUNTERED AT THIS SITE MAY BE PERCHED AND NOT CONSIDERED RECHARGEABLE.
3. - SOIL STRATIFICATIONS ARE ACCURATE TO WITHIN TWO FEET VERTICALLY.
4. - ELEVATIONS WERE REFERENCED TO M.S.L. - AT FINISHED FLOOR OF EXISTING BUILDING, BAYVIEW GARDEN 201.
5. - SOIL SAMPLES WERE OBTAINED USING A CENTER, HOLEMOUNTED, CORE SAMPLING EQUIPMENT (USED AUTOMATIC TROP HAMMER).



Disclaimer: This map was prepared by the New York State Parks, Recreation and Historic Preservation National Register Using Internet Application. The information was compiled using the most current data available. It is deemed accurate, but is not guaranteed.

July 9, 2014

ANELLOTECH FEAF

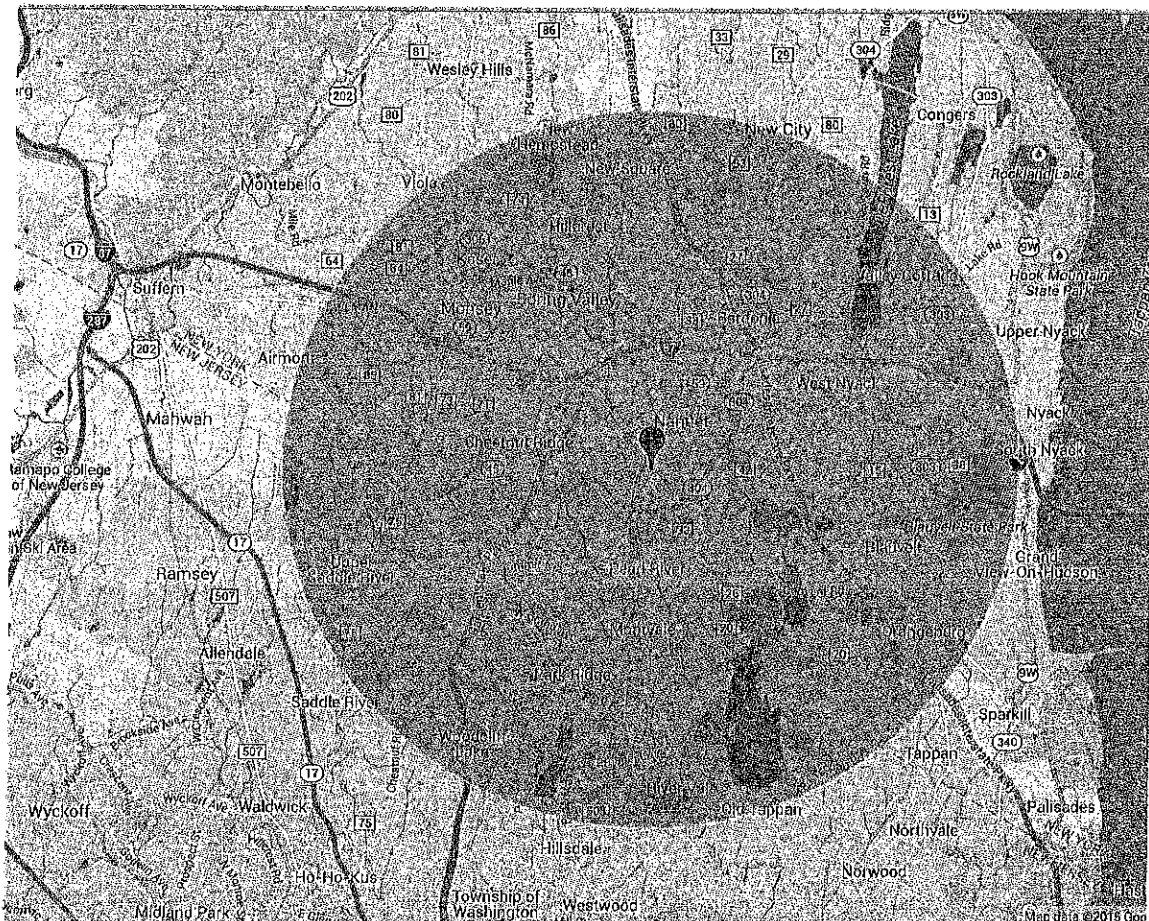
E. Site and Setting of Proposed Action

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

Is the project site within fives miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource?

Location of Anellotech: 41.078902, -74.021022

5-Mile Radius Map (Using the Google Maps based tools implemented at <http://www.freemaptools.com/radius-around-point.htm>).



Following instructions in FEAF Workbook, the following resources are noted, none of which would have views of the Project:

National

- Washington-Rochambeau Revolutionary Route National Trail – A very small portion of this trail is located in northwest corner of the map where Viola Road meets Route 306 in the Town of Ramapo. It is almost 5 miles away from the Project and the project site would not be visible.

State

- Palisades Interstate Parkway-This parkway, located approximately 2 miles away from the Project site is a designated Scenic Byway. There is a very high elevation on the west side of the parkway that would prevent any view in the vicinity of the Pfizer campus.
- Blauvelt State Park (east of Route 303). This park is approximately 4 miles from the Project site and the project would not be visible.

Local

Based on a review of County and local resources, there are no officially designated and publicly accessible county or local scenic or aesthetic resources within a 5 mile radius that would see the Project. We would like to note that the Town of Orangetown's Comprehensive Plan lists a portion of Muddy Creek on its open space inventory—specifically the "open space area which contains Muddy Creek, bordering Route 304." Muddy Creek starts just north of the Pfizer site and runs through the Pfizer site (where it is not publicly accessible), continuing south of the Pfizer site where it then runs along Route 304. Only this latter portion is identified as part of a Town open space resource and the Project site would not be visible.