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 applicant or project sponsor to verify that the information contained in Part 1 is accurate and complete.

A. Project and Applicant/Sponsor Information.

Name of Action or Project:				
Research and training based Artificial Intelligence Computer Server Buildings				
Project Location (describe, and attach a general location map):				
228 Cayuga Drive, Lansing, NY 14882 (see attached site location map)				
Brief Description of Proposed Action (include purpose or need):				
The proposed project will include the construction of +138MW of advanced data centers scientific research among other things. The first phase of the project will include build out the remaining two data centers. Design 1) site will not use water from the lake due to the broadband internet to the site which will also benefit the local community, 3) ultra low no ordinance, 4) provide +100 permanent high tech jobs, and 5) support interest of local co	ut of one of the data centers ar ne closed loop cooling system, pise motors and fans on extern	nd the follow 2) Will bring al equipmen	ing phase(s) will include in ultra high speed	
Name of Applicant/Sponsor:	Talanhana			
11 1	Telephone: 607-252-0			
Cayuga Operating Company LLC (Contact: Fred DelFavero)	E-Mail: fdelfavero@b	E-Mail: fdelfavero@beowulfed.com		
Address: 228 Cayuga Drive				
City/PO: Lansing	State: NY		Zip Code: 14882	
Project Contact (if not same as sponsor; give name and title/role):	Telephone:			
	E-Mail:			
Address:				
City/PO:	State:		Zip Code:	
Property Owner (if not same as sponsor):	Telephone:			
	E-Mail:			
Address:	1			
City/PO:	State:		Zip Code:	

B. Government Approvals

B. Government Approvals, Funding, or Sp assistance.)	onsorship. ("Funding" includes grants, loans, t	ax relief, and any othe	r forms of financial
Government Entity	If Yes: Identify Agency and Approval(s) Required	Applicati (Actual or)	
a. City Council, Town Board, ✓Yes ☐No or Village Board of Trustees	Town of Lansing Board	October 2025	
b. City, Town or Village ✓Yes□No Planning Board or Commission	Town of Lansing Planning Board	October 2025	
c. City, Town or ☐Yes ✓No Village Zoning Board of Appeals			
d. Other local agencies ☐Yes ✓No			
e. County agencies ✓Yes□No	Tompkins County Planning Board	October 2025	
f. Regional agencies ☐Yes ✓No			
g. State agencies ✓ Yes□No	NYSDEC, NYSDOT, SHPO		
h. Federal agencies ✓ Yes No	USACE, USFWS		
	, or the waterfront area of a Designated Inland W ty with an approved Local Waterfront Revitaliza on Hazard Area?	•	□ Yes ☑ No □ Yes ☑ No □ Yes ☑ No
C. Planning and Zoning			
 only approval(s) which must be granted to er If Yes, complete sections C, F and C If No, proceed to question C.2 and c 		-	□Yes ☑ No
C.2. Adopted land use plans.	village or county) comprehensive land use plan(s) include the site	∠ Yes□No
where the proposed action would be located		•	∠ Yes□No
	y local or regional special planning district (for egnated State or Federal heritage area; watershed		∠ Yes□No
or an adopted municipal farmland protection of Yes, identify the plan(s):	artially within an area listed in an adopted muniction plan? own of Lansing Agriculture & Farmland Protection Plan		

C.3. Zoning	
a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance. If Yes, what is the zoning classification(s) including any applicable overlay district? Site is zoned as Industrial/Research (IR). Adjacent properties are zoned as Rural/Agricultural (RA) and Lakeshore (L1).	✓ Yes No
b. Is the use permitted or allowed by a special or conditional use permit?	∠ Yes N o
c. Is a zoning change requested as part of the proposed action? If Yes, i. What is the proposed new zoning for the site?	□Yes ☑ No
C.4. Existing community services.	
a. In what school district is the project site located? Lansing School District	
b. What police or other public protection forces serve the project site? Tompkins County Sheriff	
c. Which fire protection and emergency medical services serve the project site? Lansing Fire Department, Cayuga Medical Associates, and Bangs Ambulance.	
d. What parks serve the project site? Cayuga Shores Wildlife Management Area is located approximately 1 mile north of the proposed project area. Taughannock Falls Sapproximatively 4 miles southeast of the proposed project area.	State Park is located
D. Project Details	
D.1. Proposed and Potential Development	
a. What is the general nature of the proposed action (e.g., residential, industrial, commercial, recreational; if mixed components)? Industrial - Artificial Intelligence Center	, include all
b. a. Total acreage of the site of the proposed action? b. Total acreage to be physically disturbed? c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? ±43 acres ±43 acres	
c. Is the proposed action an expansion of an existing project or use? i. If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, square feet)? % Units:	☐ Yes No housing units,
d. Is the proposed action a subdivision, or does it include a subdivision? If Yes, i. Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types)	□Yes ☑ No
ii. Is a cluster/conservation layout proposed?iii. Number of lots proposed?	□Yes□No
e. Will the proposed action be constructed in multiple phases? i. If No, anticipated period of construction: ii. If Yes: • Total number of phases anticipated • Anticipated commencement date of phase 1 (including demolition) • Anticipated completion date of final phase • Generally describe connections or relationships among phases, including any contingencies where progred determine timing or duration of future phases:	
The first phase will include site-wide preparation, grading and construction of the northern data center. The second phase will inclu	de construction of the

f Doos the project	t include now resid	antial usas?			
	t include new resid				□Yes ☑ No
If Yes, snow num	bers of units propo One Family	sea. Two Family	Thurs Family	Multiple Family (four or more)	
	One Family	1 wo railing	Three Family	Multiple Family (Tour or more)	
Initial Phase					
At completion					
of all phases					
	sed action include	new non-residenti	al construction (inclu	uding expansions)?	∠ Yes No
If Yes,				m building height of 35 feet. An additional 30 al equipment on roof.	feet is expected for
	of structures				
				<u>±200</u> width; and <u>±700</u> length	
iii. Approximate	extent of building s	space to be heated	or cooled:	±14,000 square feet	
h. Does the propo	sed action include	construction or oth	ner activities that wil	l result in the impoundment of any	☐Yes Z No
				agoon or other storage?	<u> </u>
If Yes,			•		
i. Purpose of the	impoundment:				
ii. If a water imp	oundment, the princ	cipal source of the	water:	Ground water Surface water stream	ns Other specify:
iii. If other than w	vater, identify the ty	pe of impounded/	contained liquids an	d their source.	
iv. Approximate	size of the propose	d impoundment.	Volume:	million gallons; surface area:	acres
				_ height; length	
vi. Construction	method/materials f	for the proposed da	um or impounding st	ructure (e.g., earth fill, rock, wood, conc	rete):
D.2. Project Ope	erations				
a. Does the propo	sed action include	anv excavation, m	ining, or dredging, d	luring construction, operations, or both?	Yes No
				or foundations where all excavated	
				l electrical/mechanical feeds. Excavated	
If Yes:		rial will remain onsite			
<i>i</i> .What is the pu	rpose of the excava	ation or dredging?			
-	•			to be removed from the site?	
	at duration of time	-			
				ged, and plans to use, manage or dispose	of them
W. Beschoe hard	to and characteristic	os of materials to t	o cheavaica of area	god, and plans to use, manage of dispose	, or them.
iv. Will there be	onsite dewatering	or processing of ex	cavated materials?		☐ Yes ☐ No
	be				
,					
v What is the to	tal area to be dredo	ed or excavated?		acres	
				acres	
		•		acres	
	vation require blas		or dreaging:		□Yes□No
ix. Summarize siv	e reciamation goals	and plan.			
				crease in size of, or encroachment	✓ Yes No
	ng wetland, waterb	ody, shoreline, bea	ach or adjacent area?		
If Yes:					
-		-	-	water index number, wetland map number	
		and/Stream Delineat	ion Report completed b	by Ramboll dated November 26, 2024 (previous	usly submitted to the
	īown).				

ii. Describe how the proposed action would affect that waterbody or wetland, e.g. excavation, fill, placement of alteration of channels, banks and shorelines. Indicate extent of activities, alterations and additions in square from Consultation with USACE and NYSDEC will be conducted prior to identify any jurisdictional wetlands/waterbodies.	eet or acres:
and/or NYSDEC permits will be obtained and work/mitigation measures will be performed in accordance with these	
and of 141 ODEO permits will be obtained and work mitigation measures will be performed in accordance with these	permits.
iii. Will the proposed action cause or result in disturbance to bottom sediments? If Yes, describe: Bottom sediments of identified streams/ditches within the limits of disturbance (refer to delineation report iv. Will the proposed action cause or result in the destruction or removal of aquatic vegetation?	✓ Yes No previously provided). ✓ Yes No
If Yes:	
• acres of aquatic vegetation proposed to be removed: 2.3 Wetland mitigation areas may be	constructed pending
 expected acreage of aquatic vegetation remaining after project completion: consultation with USACE and NY 	
• purpose of proposed removal (e.g. beach clearing, invasive species control, boat access):	
Removal for building construction	
proposed method of plant removal: Excavation.	
if chemical/herbicide treatment will be used, specify product(s): Not applicable Not applicable No	
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:±3,000 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: Southern Cayuga Lake Intermunicipal Water Commission (Bolton Point)	
 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:	
<i>iv.</i> 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: 	
Down and a supply of a supply for a supply of the supply o	
 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: 	
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), what is the maximum pumping capacity: gallo	ns/minute.
d. Will the proposed action generate liquid wastes?	✓ Yes □No
If Yes:	
i. Total anticipated liquid waste generation per day:	
ii. Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combination, describe all com	
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:	
Name of district:	<u>_</u>
 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 a 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:	
iv. Will a new wastewater (sewage) treatment district be formed to serve the project site?	□Yes ☑ No
If Yes: Applicant/spage for pay district:	
 Applicant/sponsor for new district: Date application submitted or anticipated: 	
 Date application submitted or anticipated: What is the receiving water for the wastewater discharge? 	
v. If public facilities will not be used, describe plans to provide wastewater treatment for the project, including spec	ifying proposed
receiving water (name and classification if surface discharge or describe subsurface disposal plans):	7 21 1
Sanitary wastewater will be directed to the existing wastewater system or collected in an underground holding tank dedicated to each	building. Each of the
two holding tanks will be routinely pumped out and waste waters hauled and disposed of off-site in accordance with federal and state	
vi. Describe any plans or designs to capture, recycle or reuse liquid waste:	
Not Applicable	
Will de la contraction de la c	
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	∠ Yes N o
source (i.e. sheet flow) during construction or post construction?	
If Yes:	
<i>i</i> . How much impervious surface will the project create in relation to total size of project parcel?	
Square feet or ± 27.4 acres (impervious surface)	
Square feet or <u>±434</u> acres (parcel size)	
ii. Describe types of new point sources. No new point sources (i.e., outfalls).	
iii Where will the stormwater munoff he directed (i.e. on site stormwater management facility/structures, ediscent n	ronartias
iii. Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent p groundwater, on-site surface water or off-site surface waters)?	roperties,
Stormwater will be directed to biofiltration/bioinfiltration systems, tree trenches and stormwater planters.	
Gommador will be directed to boilitation boomination systems, the tremenes and stormwater planters.	
If to surface waters, identify receiving water bodies or wetlands:	
Will stormwater runoff flow to adjacent properties?	☐Yes ☑ No
<i>iv</i> . Does the proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater?	∠ Yes N o
f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel	∠ Yes □No
combustion, waste incineration, or other processes or operations?	
If Yes, identify:	
i. Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles)	
Short-term particulate emissions (dust) and equipment exhaust emissions during construction activities. 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)	
None	
g. Will any air emission sources named in D.2.f (above), require a NY State Air Registration, Air Facility Permit,	□Yes ☑ No
or Federal Clean Air Act Title IV or Title V Permit?	
If Yes:	
i. Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet	□Yes□No
ambient air quality standards for all or some parts of the year)	
ii. In addition to emissions as calculated in the application, the project will generate:	
•Tons/year (short tons) of Carbon Dioxide (CO ₂)	
•Tons/year (short tons) of Nitrous Oxide (N ₂ O)	
•Tons/year (short tons) of Perfluorocarbons (PFCs)	
 Tons/year (short tons) of Sulfur Hexafluoride (SF₆) Tons/year (short tons) of Carbon Dioxide equivalent of Hydroflourocarbons (HFCs) 	
 Tons/year (short tons) of Carbon Dioxide equivalent of Hydroffourocarbons (HFCs) Tons/year (short tons) of Hazardous Air Pollutants (HAPs) 	
1016/year (51101) of Hazardous All Foliutalits (HAFS)	

h. Will the proposed action generate or emit methane (included landfills, composting facilities)? If Yes:		atment plants,	
i. Estimate methane generation in tons/year (metric):ii. Describe any methane capture, control or elimination me electricity, flaring):	easures included in project design (e	e.g., combustion to generate heat or	
Will the proposed action result in the release of air polluta quarry or landfill operations? If Yes: Describe operations and nature of emissions (e.g., di			
 j. Will the proposed action result in a substantial increase in new demand for transportation facilities or services? If Yes: i. When is the peak traffic expected (Check all that apply) Randomly between hours of	:	☐Weekend	
 iii. Parking spaces: Existing	g? sting roads, creation of new roads of available within ½ mile of the proportation or accommodations for use	or change in existing access, describe osed site? of hybrid, electric	»: ————————————————————————————————————
 k. Will the proposed action (for commercial or industrial profor energy? If Yes: i. Estimate annual electricity demand during operation of the 138 megawatts ii. Anticipated sources/suppliers of electricity for the project other): Local Utility - NYSEG iii. Will the proposed action require a new, or an upgrade, to 	t (e.g., on-site combustion, on-site		
1. Hours of operation. Answer all items which apply. i. During Construction: • Monday - Friday: 5 AM - 11 PM • Saturday: 5 AM - 11 PM • Sunday: 5 AM - 11 PM • Holidays: 5 AM - 11 PM	 ii. During Operations: Monday - Friday: Saturday: Sunday: Holidays: 	24 hours per day 24 hours per day 24 hours per day 24 hours per day	

m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction,	∠ Yes □No
operation, or both?	
If yes: i. Provide details including sources, time of day and duration:	
Construction: Temporary noise during construction will be mitigated via standard construction practices. Operation: Ultra low noise mused on external equipment. A noise survey will be performed to evaluate noise impacts from proposed operations.	otors and fans will be
ii. Will the proposed action remove existing natural barriers that could act as a noise barrier or screen?	∠ Yes □No
Describe: Tree removal will be required for construction; however, the proposed project includes planting of trees to provide screen	
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:	
Qutdoor light poles. Exterior building lights will be installed as required for personnel safety. Shielded, downward-facing lights will be installed as required for personnel safety.	ll be utilized to
prevent glare and night-sky related light pollution.	n bo dinizod to
ii. Will proposed action remove existing natural barriers that could act as a light barrier or screen?	∠ Yes □ No
Describe: Tree removal will be required for construction; however, the proposed project includes planting of trees to provide screen	eening.
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 the proposed storage facilities:	
q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides,	☐ Yes ☑ No
insecticides) during construction or operation?	
If Yes: Describe proposed treatment(s):	
i. Describe proposed treatment(s):	
"Wilden and John Market Bod Market Bod S	
ii. Will the proposed action use Integrated Pest Management Practices?r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal	Yes No
of solid waste (excluding hazardous materials)?	✓ Yes □No
If Yes:	
<i>i.</i> Describe any solid waste(s) to be generated during construction or operation of the facility:	
• Construction: <u>±1,140</u> tons per <u>25 months</u> (unit of time)	
• Operation : tons per (unit of time)	
ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:	
Construction: Recycling/Reuse of pallets, wooden crates, and scrap metal, to the greatest extent possible.	
Operation:	
- Operation	
iii. Proposed disposal methods/facilities for solid waste generated on-site:	
Construction: Local landfill.	
Operation: Local landfill.	

If Yes:			
i. Type of management or handling of waste proposed	I for the site (e.g., recycling or	transfer station, composting	g, landfill, or
other disposal activities):			
ii. Anticipated rate of disposal/processing:			
• Tons/month, if transfer or other non-		, or	
• Tons/hour, if combustion or thermal	treatment		
iii. If landfill, anticipated site life:	years		
t. Will the proposed action at the site involve the comme	ercial generation, treatment, sto	orage, or disposal of hazard	ous □Yes ☑No
waste?			
If Yes:		1 . C '1'.	
<i>i.</i> Name(s) of all hazardous wastes or constituents to be	e generated, handled or manag	ged at facility:	
ii. Generally describe processes or activities involving	hazardous wastes or constituer	nts:	
iii. Specify amount to be handled or generatedt			
iv. Describe any proposals for on-site minimization, rec	cycling or reuse of hazardous c	constituents:	
v. Will any hazardous wastes be disposed at an existing	g offsite hazardous waste facil	ity?	□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 facilit	y:
E G'4 LG 44' CD LA 4'			
E. Site and Setting of Proposed Action			
E.1. Land uses on and surrounding the project site			
a. Existing land uses.			
<i>i.</i> Check all uses that occur on, adjoining and near the	e project site		
☐ Urban ☑ Industrial ☐ Commercial ☑ Resid		(non-farm)	
Forest Agriculture Aquatic Othe			
ii. If mix of uses, generally describe:			
The proposed project area will be located on land previously utili	zed by the former electric generati	ng station or on undeveloped for	orested land.
Surrounding area is mixture of forested, agricultural, rural and re	sidential use.		
b. Land uses and covertypes on the project site.			
Land use or	Current	Acreage After	Change
Covertype	Acreage	Project Completion	(Acres +/-)
Roads, buildings, and other paved or impervious		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	(1 1 1 1 1)
surfaces	0	±27.4	+27.4
• Forested	±40.7	0	-40.7
Meadows, grasslands or brushlands (non-		-	-
agricultural, including abandoned agricultural)			
Agricultural			
(includes active orchards, field, greenhouse etc.)			
Surface water features			
(lakes, ponds, streams, rivers, etc.)			
Wetlands (freshwater or tidal)	±2.3	0*	-2.3
Non-vegetated (bare rock, earth or fill)			
• Other Vegetative landscaping Describe:	0	±15.6	+15.6
Describe:			
Remaining undisturbed portion of the site	±391	±391	±391

s. Does the proposed action include construction or modification of a solid waste management facility?

Yes 🗹 No

c. Is the project site presently used by members of the community for public recreation? i. If Yes: explain:	□Yes☑No
d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers, or group homes) within 1500 feet of the project site? If Yes, i. Identify Facilities:	□ Yes ☑ No
e. Does the project site contain an existing dam? If Yes:	☐ Yes No
i. Dimensions of the dam and impoundment:	
Dam height: feetDam length: feet	
Dam length: feetSurface 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:	✓Yes□No lity?
 i. Has the facility been formally closed? NYSDEC Letter dated 11/28/2023 indicating final cover of landfill was substantially completed on 10/13/2020. 	✓ Yes No
ii. Describe the location of the project site relative to the boundaries of the solid waste management facility: Area to the east is identified in DEC InfoLocator as an inactive solid waste landfill.	
iii. Describe any development constraints due to the prior solid waste activities:	
None	
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: Describe wests(s) handled and wests management activities including approximate time when activities accomm	ad.
i. Describe waste(s) handled and waste management activities, including approximate time when activities occurred. Historically, hazardous wastes were generated as part of the former operations as a electric generating station. These wastes have	
the site and disposed of in accordance with applicable regulations. No hazardous wastes will be generated from this proposed actio	n.
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 Yes − Environmental Site Remediation database Neither database Provide DEC ID number(s): Various closed spills Provide DEC ID number(s):	
ii. If site has been subject of RCRA corrective activities, describe control measures: Not Applicable	
<i>iii.</i> Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? If yes, provide DEC ID number(s):	□Yes☑No
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? 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: Lodgement Till ~100 %)
)
)
d. What is the average depth to the water table on the project site? Average: <u>±10</u> feet	
e. Drainage status of project site soils: Well Drained:% of site	
✓ Moderately Well Drained:	
Poorly Drained% of site	
f. Approximate proportion of proposed action site with slopes: 2 0-10%: ±33 % of site	
f. Approximate proportion of proposed action site with slopes: \bigcirc 0-10%: \bigcirc 10-15%: \bigcirc 433 % of site \bigcirc 10-15%: \bigcirc 436 % of site	
\blacksquare 15% or greater: $\boxed{\pm 31}$ % of site	
g. Are there any unique geologic features on the project site? If Yes, describe:	□Yes ☑ No
h. Surface water features. Refer to the Draft Wetland/Stream Delineation Report previously submitted to the Town.	
i. Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers,	∠ Yes No
ponds or lakes)?	
ii. Do any wetlands or other waterbodies adjoin the project site?	∠ Yes No
If Yes to either <i>i</i> or <i>ii</i> , continue. If No, skip to E.2.i.	
<i>iii.</i> Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency?	∠ Yes □No
<i>iv.</i> For each identified regulated wetland and waterbody on the project site, provide the following information:	
Streams: Name See Draft Wetland/Stream Delineation Report Classification	
 Lakes or Ponds: Name Wetlands: Name See Draft Wetland/Stream Delineation Report Classification 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	☐Yes ☑ No
waterbodies? If yes, name of impaired water body/bodies and basis for listing as impaired:	
if yes, fiance of imparted water body/bodies and basis for fisting as imparted.	-
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
1. 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 White tailed deer	that occupy or use the project site	: Red Fox	
Opposum	Pheasant	Woodchuck	
Wild turkey	Geese		
n. Does the project site contain a designated s			☐ Yes ☑ No
If Yes:	<i>y</i>		
i. Describe the habitat/community (compos	ition, function, and basis for desig	gnation):	
ii. Source(s) of description or evaluation:			
iii. Extent of community/habitat:			
• Currently:			
• Following completion of project as p	proposed:		
• Gain or loss (indicate + or -):		acres	
o. Does project site contain any species of pla	ant or animal that is listed by the f	ederal government or NYS as	✓ Yes No
endangered or threatened, or does it contain	n any areas identified as habitat fo	r an endangered or threatened spec	ies?
If Yes:			
i. Species and listing (endangered or threatened	1):		
EAF Mapper identified Lake Sturgeon. However, no	work will be performed within or imme	ediately adiacent to Cayuga Lake. Poter	ntial for Northern
Long-eared Bat (Endangered), Monarch Butterfly (Ca	andidate)		indi i i i i i i i i i i i i i i i i i i
p. Does the project site contain any species of	of plant or animal that is listed by	NYS as rare, or as a species of	☐Yes ☑ No
special concern?			
If Yes:			
i. Species and listing:			
l <u></u>			
q. Is the project site or adjoining area current			✓ Yes N o
If yes, give a brief description of how the pro	÷		
Cayuga Lake is used for recreational fishing. No imp	pacts are anticipated.		
E.3. Designated Public Resources On or N	ear Project Site		
a. Is the project site, or any portion of it, loca	ted in a designated agricultural dis	strict certified pursuant to	☐Yes ✓ No
Agriculture and Markets Law, Article 25-	AA, Section 303 and 304?	_	
If Yes, provide county plus district name/nur	nber:		
b. Are agricultural lands consisting of highly	productive soils present?		□Yes☑No
<i>i.</i> If Yes: acreage(s) on project site?			
ii. Source(s) of soil rating(s):			
c. Does the project site contain all or part of,	or is it substantially contiguous to	o, a registered National	∐Yes ∠ No
Natural Landmark? If Yes:			
	Biological Community	Geological Feature	
<i>ii.</i> Provide brief description of landmark, in			
m Horide offer description of failures,	cidding values bening designation	t and approximate size, extent.	
d. Is the project site located in or does it adjoint	in a state listed Critical Environme	ental Area?	☐Yes No
If Yes:			
i. CEA name:ii. Basis for designation:			
iii. Designating agency and date:			
tit. Designating agency and date.			

e. Does the project site contain, or is it substantially contiguous to, a but which is listed on the National or State Register of Historic Places, or Office of Parks, Recreation and Historic Preservation to be eligible for	that has been determined by the Commission	
If Yes:i. Nature of historic/archaeological resource: ☐Archaeological Siteii. Name: The Cayuga Operating Company coal fired power plant is listed as a	✓ Historic Building or District	
iii. Brief description of attributes on which listing is based: Listing is based on Criterion A: Industry & Criterion C: Architecture as an intact and		ndustrial enterprise in
f. Is the project site, or any portion of it, located in or adjacent to an are archaeological sites on the NY State Historic Preservation Office (SH		✓ Yes No
g. Have additional archaeological or historic site(s) or resources been id If Yes:	1 0	☐ Yes ✓ No
i. Describe possible resource(s):ii. Basis for identification:		
h. Is the project site within fives miles of any officially designated and pascenic or aesthetic resource?	publicly accessible federal, state, or local	✓ Yes □No
If Yes: i. Identify resource: Cayuga Lake Scenic Byway and Blueway Trail / Cayuga ii. Nature of, or basis for, designation (e.g., established highway overleetc.): Scenic Byway, Wildlife Management Area, and State Park iii. Distance between project and resource: ±0.60 (Byway) m	ook, state or local park, state historic trail or	
 i. Is the project site located within a designated river corridor under the Program 6 NYCRR 666? If Yes: 	e Wild, Scenic and Recreational Rivers	☐ Yes ✓ No
i. Identify the name of the river and its designation:ii. Is the activity consistent with development restrictions contained in		∐Yes∐No
F. Additional Information Attach any additional information which may be needed to clarify you If you have identified any adverse impacts which could be associated measures which you propose to avoid or minimize them.		npacts plus any
G. Verification I certify that the information provided is true to the best of my knowled	Č	
Applicant/Sponsor Name Sean Farrell DocuSigned by:	Date10/15/2025	
Signature Scan Farrell Signature	TitleChief Operating Officer	



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



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

E.2.I. [Aquifers]	No
E.2.n. [Natural Communities]	No
E.2.o. [Endangered or Threatened Species]	Yes
E.2.o. [Endangered or Threatened Species - Name]	Lake Sturgeon
E.2.p. [Rare Plants or Animals]	No
E.3.a. [Agricultural District]	No
E.3.c. [National Natural Landmark]	No
E.3.d [Critical Environmental Area]	No
E.3.e. [National or State Register of Historic Places or State Eligible Sites]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.3.f. [Archeological Sites]	No
E.3.i. [Designated River Corridor]	No

Map Scale: 1:20,000 | Map Center: 76°37'22"W 42°36'28"N

SITE LOCATION

FIGURE 01



C:\Users\MOSHERSG\OneDrive - Rambol\\Documents 1\ArcG\S\Projects\Terrawol\\Terrawol\\ Lansinq.aprx

PROJECT: 1940115639 | DATED: 9/8/2025 | DESIGNER: MOSHERSG

2,000 _____ Feet

1,000

Cayuga Operating Company, LLC. 228 Cayuga Drive Lansing, NY 14882 RAMBOLL AMERICAS ENGINEERING SOLUTIONS, INC. A RAMBOLL COMPANY

