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January 29, 2019

Ms. Katherine S. Wickwire
Chair, Town of Cortlandville Planning Board
The Raymond G. Thorpe Municipal building
3577 Terrace Road
Cortlandville, NY 13045

FAX ONLY

Re: Leonidas Group of Virgil, LLC

Dear Ms. Wickwire:

As you know I represent the above applicant in connection with the site plan and SEQR review being undertaken by the Town of Cortlandville Planning Board.

I understand that at your Board meeting, which was rescheduled for this evening, the Board intends to complete the environmental review for the above applicant's project. There has already been a significant amount of review of the Full EAF by your consultants and other agencies. We believe that all legitimate environmental concerns raised in their review have been addressed in the revised Full EAF and the accompanying documents, plans and maps.

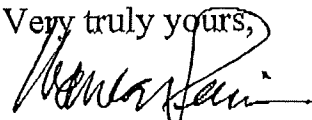
Unfortunately, the applicant's engineer cannot attend this evening's meeting. We believe his presence is important at the time the Board undertakes its review of the final site plan and accompanying documents. He can address any technical or design issues regarding the final site plan and any conditions of approval that the board might consider.

Accordingly, and on the assumption that the Board will complete its environmental review this evening, we request that the Board postpone its review of the final site plan until February 19, 2019, at which time the applicant's engineer will be available.

That date falls after the expiration of the once extended time period within which the Board must act on the final site plan. Therefore, to the extent that the time within which the Planning Board must act on the site plan application extends beyond the first extension date of January 29, 2019, we agree to a second extension until February 19, 2019.

Thank you for your thoughtful consideration in this matter and if you have any questions, please contact me.

Very truly yours,

A handwritten signature in black ink, appearing to read "Mahlon R. Perkins", written over the typed name below.

Mahlon R. Perkins

Cc: A. Kryger
T. Buhl

TIMOTHY C. BUHL, P.E.

35 Fire Lane 24
Auburn, NY 13021
(607) 423-1919

January 27, 2019

Ms. Katherine S. Wickwire
Planning Board Chairperson
Town of Cortlandville
3577 Terrace Road
Cortland, NY 13045

Re: Leonidas Group – Site Plan Review for the Proposed Starr Road Residential PUD
CHA SEQR Review Letter of January 18, 2019

Dear Ms. Wickwire:

Attach is a revised copy of the Long Form EAF for the above project, dated 1/27/2019. We have clarified and updated the Part 1 questions referenced in the CHA review letter, so please use the attached form in your review of the project.

More specifically:

- *The approval date of the PUD and reference to the Aquifer Permit have been added; we had not indicated that the proposed sanitary sewer main and water main will require district extensions -they will remain private utilities to be owned and operated by the land owner/home owner's association.*
- *We had previously indicated the sewer and water connections will require permits from the Town, and we added the note that the gated Parti Drive connection will require a Town Highway Work Permit.*
- *We had previously indicated that the Cortland County Health Department approvals will be required for the water and sewer facilities.*
- *We did not indicate that a SPDES Permit for Wastewater Discharge would be required; only coverage and a Construction Stormwater SPDES Permit under the NYSDEC's nationwide permit program will be required.*
- *The Susquehanna River Basin reference has been added to the form.*
- *The project will not be constructed in phases, and the box notation has been corrected. The entire project site will be constructed at first, including roads, utilities, and all stormwater management facilities. As stated in the EAF, the developer will then progress up the hill to the south with the construction of the multi-family and duplex units.*
- *The EAF Mapper Summary was included in the long form submitted, but it was generated from the Short Form EAF originally requested by the Town; due to the*

short time available prior to the Planning Board meeting, references To the Longform EAF questions were simply added to the Mapper Summary page submitted.

As a general note, we agree with the CHA Part 2 review comments and recommendations, in that any environmental impacts from this project are either temporary in nature or that will result in only small permanent impacts. Those impacts that have the potential to be moderate or large (such as soil disturbance/erosion, surface & groundwater quality, runoff/flooding) have been mitigated by the site design proposed, the SWPPP prepared, and the overall stormwater management plan.

Please also note that we have worked closely with the Town Water/Sewer Superintendent and have confirmed that adequate sewer and water capacity exists to serve the project; we have made preliminary engineering assessments for both extensions and will file detailed engineering plans & reports with the Town and the CCHD at the time of the Sanitary Facilities Permit submittal. We have also made a formal consultation submittal to SHPO on their CRIS system, to confirm that there will be no effects to any existing cultural or historic sites. A copy of their comments will be transmitted to the Town when received.

We hope that the above response to the CHA comments and the revised EAF will assist you in your review of the project. If you need anything additionally, please let me know.

Very truly yours,

TIMOTHY C. BUHL, P.E.



Timothy C. Buhl, P.E.

Cc: Al Kryger
Bruce Weber
Laura Casalia, CHA
(all via email)

**Full Environmental Assessment Form
Part 1 - Project and Setting**

Instructions for Completing Part 1

Part 1 is to be completed by the applicant or project sponsor. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification.

Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information; indicate whether missing information does not exist, or is not reasonably available to the sponsor; and, when possible, generally describe work or studies which would be necessary to update or fully develop that information.

Applicants/sponsors must complete all items in Sections A & B. In Sections C, D & E, most items contain an initial question that must be answered either "Yes" or "No". If the answer to the initial question is "Yes", complete the sub-questions that follow. If the answer to the initial question is "No", proceed to the next question. Section F allows the project sponsor to identify and attach any additional information. Section G requires the name and signature of the project sponsor to verify that the information contained in Part 1 is accurate and complete.

A. Project and Sponsor Information.

Name of Action or Project: SITE PLAN APPROVAL FOR STARR ROAD RESIDENTIAL PUD		
Project Location (describe, and attach a general location map): SOUTH SIDE OF STARR ROAD, CORTLANDVILLE NY - TAX MAP #96.10-1-19.1		
Brief Description of Proposed Action (include purpose or need): PROJECT INVOLVES THE DEVELOPMENT OF 50 RESIDENTIAL APARTMENT/CONDOMINIUM UNITS ON 11.61 ACRES OF LAND. TEN TWO-FAMILY BUILDINGS, ONE SIX-FAMILY BUILDING, AND THREE EIGHT-FAMILY BUILDINGS WILL BE CONSTRUCTED ON THE SITE (TOTAL OF 50 DWELLING UNITS), WITH A PROJECT DENSITY OF 4.3 DWELLING UNITS PER ACRE. APPROXIMATELY 1075 LF OF NEW PRIVATE INTERNAL ROADWAY WILL BE CONSTRUCTED, ALONG WITH A SIMILAR AMOUNT OF NEW PRIVATE WATER AND SEWER MAINS TO SERVE THE DEVELOPMENT.		
Name of Applicant/Sponsor: LEONIDAS GROUP OF VIRGIL, LLC	Telephone: 607.591.9418	E-Mail: AKRYGER@GREEKPEAKMTNRESORT.COM
Address: P.O. BOX 1107		
City/PO: DRYDEN	State: NY	Zip Code: 13053
Project Contact (if not same as sponsor; give name and title/role): AL KRYGER	Telephone:	E-Mail:
Address: SAME AS ABOVE		
City/PO:	State:	Zip Code:
Property Owner (if not same as sponsor): SAME AS ABOVE	Telephone:	E-Mail:
Address:		
City/PO:	State:	Zip Code:

B. Government Approvals

B. Government Approvals, Funding, or Sponsorship. ("Funding" includes grants, loans, tax relief, and any other forms of financial assistance.)

Government Entity	If Yes: Identify Agency and Approval(s) Required	Application Date (Actual or projected)
a. City Council, Town Board, <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No or Village Board of Trustees	RESIDENTIAL PUD , AQUIFER PERMIT	5-2016 (PUD) (APPROVED 7-20-2016)
b. City, Town or Village Planning Board or Commission <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	SITE PLAN APPROVAL	2-2018
c. City Council, Town or Village Zoning Board of Appeals <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
d. Other local agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CORTLAND CO. HIGHWAY DEPT. (ROADWAY ACCESS); TOWN WATER & SEWER DEPT	5-2019 (SEWER & WATER) TOWN HIGHWAY -PARTI DR. CONNECTION
e. County agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CORTLAND COUNTY HEALTH DEPARTMENT SANITARY FACILITES PERMIT	5-2019
f. Regional agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
g. State agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	NYSDEC - STORMWATER SPDES PERMIT	5-2019
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):

SUSQUEHANNA RIVER BASIN COMMISSION

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?

SITE ZONING IS R-2

PROPOSED ACTION IS AN ALLOWED USE IN THE PUD ZONE APPROVED, AND SUBJECT TO PLANNING BOARD SITE PLAN REVIEW

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? PUD - SPECIAL ZONE DISTRICT - APPROVED JULY OF 2016

C.4. Existing community services.

a. In what school district is the project site located? CORTLAND CITY SCHOOLS

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

CORTLAND COUNTY SHERRIFF, NY STATE POLICE

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

CORTLANDVILLE VFD

d. What parks serve the project site?

CORTLANDVILLE TOWN PARKS, CITY OF CORTLAND PARKS, ONSITE PLAY AREAS

D. Project Details

D.1. Proposed and Potential Development

a. What is the general nature of the proposed action (e.g., residential, industrial, commercial, recreational; if mixed, include all components)? MIXED USE RESIDENTIAL - TWO-FAMILY AND MULTI-FAMILY

b. a. Total acreage of the site of the proposed action? 11.6 acres (INCLUDES PUBLIC ROAD ROW'S)
b. Total acreage to be physically disturbed? 10.0 acres (INCLUDING LAWNS AND LANDSCAPING)
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? 11.6 acres (ACRES FOR PROJECT)

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)

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: _____ months

ii. If Yes:

- Total number of phases anticipated 1
- Anticipated commencement date of phase 1 (including demolition) 5 month 2019 year
- Anticipated completion date of final phase 10 month 2024 year

• Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases:

SITE PLAN APPROVAL IS FOR THE ENTIRE PROJECT, WHEN PERMITTED, THE ACCESS DRIVE, UTILITES, AND MAIN RETENTION BASINS WILL BE INSTALLED. NEXT, THE LOWER & MID-LEVEL DWELLINGS WILL BE BUILT, & FINALLY THE UPPER LEVEL DWELLINGS

f. Does the project include new residential uses? Yes No
 If Yes, show numbers of units proposed.

	One Family	Two Family	Three Family	Multiple Family (four or more)
Initial Phase	0	3		2
At completion of all phases	0	10		4

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, (THERE WILL BE STORMWATER RETENTION BASINS AND INFILTRATION PRACTICES)
 i. Purpose of the impoundment: THAT TEMPORARILY HOLD AND TREAT RUNOFF
 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? Yes No
 (Not including general site preparation, grading or installation of utilities or foundations where all excavated materials will remain onsite)
 If Yes:
 i. What is the purpose of the excavation or dredging? EXCAVATION FOR DRIVES, PARKING AREAS, & SW PRACTICES
 ii. How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site?
 • Volume (specify tons or cubic yards): 0 CUBIC YARDS (ONSITE MOUNDING TO BE USED)
 • Over what duration of time? 3-6 MONTH CONSTRUCTION TIME OVER THE INITIAL PHASE
 iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them.
 IN-SITU TOPSOIL AND SUBSOIL; ALL MATERIALS WILL BE SPOILED ON SITE AND COVERED WITH ONSITE TOPSOIL. CUT AND FILL CALCULATIONS CAN BE PROVIDED DURING THE FINAL DESIGN.
 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? 4.7 acres
 vi. What is the maximum area to be worked at any one time? 3.8 acres
 vii. What would be the maximum depth of excavation or dredging? 6-8 feet
 viii. Will the excavation require blasting? Yes No
 ix. Summarize site reclamation goals and plan:
 ECAVATED SOILS WILL BE MOUNDED ONSITE AND COVERED WITH EXISTING SITE TOPSOILS; TO BE USED OF LAWNS AND OPEN SPACE FOR RESIDENTS.

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): THERE ARE NO FEDERAL OR STATE WETLANDS WITHIN 100' OF THE PROJECT SITE.

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: _____ 12,500 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: CORTLANDVILLE TOWN WATER DISTRICT
- 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: _____

N/A

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: _____ 12,500 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): _____

DOMESTIC 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: CITY OF CORTLAND WWTP
- Name of district: _____
- Does the existing wastewater treatment plant have capacity to serve the project? Yes No
- Is the project site in the existing district? Yes No
- Is expansion of the district needed? Yes No

- 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: _____

- 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 feet or 3.7 acres (impervious surface) (3.7 ACRES OF NEW ROADS, BUILDINGS, AND DRIVES)

_____ Square feet or 11.6 acres (parcel size)

- ii. Describe types of new point sources. BUILDING ROOFS, DRIVEWAYS, PARKING, AND MAIN ACCESS ROADWAY

- 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)?

RUNOFF WILL BE DIRECTED INTO NYSDEC STANDARD MANAGEMENT PRACTICES AND DISCHARGED INTO ON-SITE SWALES. ALL STORMWATER WILL BE TREATED, HELD & INFILTRATED TO GROUNDWATER VIA ONSITE BASINS DESIGNED FOR THAT PURPOSE.

- If to surface waters, identify receiving water bodies or wetlands: _____
- INFILTRATION TO GROUNDWATER; NO OFF-SITE DISCHARGES

- 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)

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

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

- g. Will any air emission sources named in D.2.f (above), require a NY State Air Registration, Air Facility Permit, 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

If Yes: (ESIMATED 31 TRIPS ADDED TO STARR ROAD DURING PEAK PM HOUR
--- 2/3 ENTERING, 1/3 EXITING. NO IMPACT ON PARTI DRIVE)

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 0 Proposed 100 Net increase/decrease 100

iv. Does the proposed action include any shared use parking? 100 OPEN+20 GARAGES Yes No

v. If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe:
PROJECT INVOLVES THE CONSTRUCTION OF A PRIVATE ROAD EXTENDING OFF OF STARR ROAD AND ALSO CONNECTING TO PARTI DRIVE AT THE SOUTH END FOR EMERGENCY ACCESS ONLY THROUGH A GATED ENTRANCE.

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: _____
N/A

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

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 - 5 PM
- Saturday: N/A
- Sunday: N/A
- Holidays: N/A

ii. During Operations:

- Monday - Friday: N/A
- Saturday: _____
- Sunday: _____
- Holidays: _____

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:
 TEMPORARY DURING CONSTRUCTION ONLY

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:
 DOWNCAST LIGHTS ON POLES AT COMMUNITY BUILDING AND PARKING AREAS; DOWNCAST BUILDING SCONCES, ADDITIONAL WALKWAY LIGHTING - ALL WITH DOWNCAST FIXTURES.

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:
 i. Describe proposed treatment(s):

ii. Will the proposed action use Integrated Pest Management Practices? Yes No

r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal 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: _____ tons per _____ (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: _____
 • Operation: _____

iii. Proposed disposal methods/facilities for solid waste generated on-site:
 • Construction: _____
 • Operation: _____

s. Does the proposed action include construction or modification of a solid waste management facility? Yes No
 If Yes:
 i. Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill, or other disposal activities): _____
 ii. Anticipated rate of disposal/processing:
 • _____ Tons/month, if transfer or other non-combustion/thermal treatment, or
 • _____ Tons/hour, if combustion or thermal treatment
 iii. If landfill, anticipated site life: _____ years

t. Will proposed action at the site involve the commercial generation, treatment, storage, or disposal of hazardous waste? Yes No
 If Yes:
 i. Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility: _____

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

 iii. Specify amount to be handled or generated _____ tons/month
 iv. Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents: _____

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

 If No: describe proposed management of any hazardous wastes which will not be sent to a hazardous waste facility:

E. Site and Setting of Proposed Action

E.1. Land uses on and surrounding the project site

a. Existing land uses.
 i. Check all uses that occur on, adjoining and near the project site.
 Urban Industrial Commercial Residential (suburban) Rural (non-farm)
 Forest Agriculture Aquatic Other (specify): _____

ii. If mix of uses, generally describe:
 SINGLE FAMILY RESIDENTIAL TO THE EAST AND NORTH, MULT-FAMILY TO THE WEST, RURAL RESIDENTIAL AND OPEN SPACE TO THE SOUTH AND WEST

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	3.7	+3.7
• Forested	1.6	1.6	0
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)	10.0	0	-10.0
• Agricultural (includes active orchards, field, greenhouse etc.)			
• Surface water features STORMWATER PRACTICES (lakes, ponds, streams, rivers, etc.)	0	1.2	+1.2
• Wetlands (freshwater or tidal)			
• Non-vegetated (bare rock, earth or fill)			
• Other Describe: <u>LAWNS AND LANDSCAPED AREAS, OPEN SPACE, PLAY/PICNIC AREAS</u>	0	5.1	+5.1

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:
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? _____ 10-12 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:

HOWARD GRAVELLY LOAM	33 %
CONESUS SILT LOAM	25 %
LANSING GRAVELLY LOAM	28 %

d. What is the average depth to the water table on the project site? Average: _____ 15 feet

e. Drainage status of project site soils:

<input checked="" type="checkbox"/> Well Drained:	33 % of site
<input checked="" type="checkbox"/> Moderately Well Drained:	33 % of site
<input checked="" type="checkbox"/> Poorly Drained	34 % of site

f. Approximate proportion of proposed action site with slopes:

<input checked="" type="checkbox"/> 0-10%:	80 % of site
<input checked="" type="checkbox"/> 10-15%:	15 % of site
<input checked="" type="checkbox"/> 15% or greater:	5 % of site

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

h. Surface water features.

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

ii. Do any wetlands or other waterbodies adjoin the project site? Yes No

If Yes to either *i* or *ii*, continue. If No, skip to E.2.i.

iii. Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency? Yes No

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

• Streams:	Name _____	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: CORTLAND - HOMER - PREBLE AQUIFER (THE NOTHEREN PORTIN OF THE SITE OVERLAYS A SHALLOWER TRIBUTARY AREA OF THE MAIN AQUIFER AT THE CONTACT POINT WITH THE CONFINING BEDROCK HILLSIDE)

m. Identify the predominant wildlife species that occupy or use the project site: <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; border-bottom: 1px solid black;">DEER</td> <td style="width: 33%; border-bottom: 1px solid black;">WOODCHUCKS</td> <td style="width: 33%; border-bottom: 1px solid black;">SQUIRRELS</td> </tr> <tr> <td style="border-bottom: 1px solid black;">SNAKES</td> <td style="border-bottom: 1px solid black;">FIELD BIRDS</td> <td style="border-bottom: 1px solid black;"></td> </tr> </table>	DEER	WOODCHUCKS	SQUIRRELS	SNAKES	FIELD BIRDS		
DEER	WOODCHUCKS	SQUIRRELS					
SNAKES	FIELD BIRDS						
n. Does the project site contain a designated significant natural community? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes: i. Describe the habitat/community (composition, function, and basis for designation): _____ ii. Source(s) of description or evaluation: _____ iii. Extent of community/habitat: • Currently: _____ acres • Following completion of project as proposed: _____ acres • Gain or loss (indicate + or -): _____ acres							
o. Does project site contain any species of plant or animal that is listed by the federal government or NYS as endangered or threatened, or does it contain any areas identified as habitat for an endangered or threatened species? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
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							
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 If yes, give a brief description of how the proposed action may affect that use: _____ (NOTE: NO FIREARM HUNTING IS ALLOWED WITHIN 500' OF A RESIDENCE OR PUBLIC HIGHWAY)							
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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, provide county plus district name/number: _____							
b. Are agricultural lands consisting of highly productive soils present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No i. If Yes: acreage(s) on project site? _____ ii. Source(s) of soil rating(s): _____							
c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes: i. Nature of the natural landmark: <input type="checkbox"/> Biological Community <input type="checkbox"/> Geological Feature ii. Provide brief description of landmark, including values behind designation and approximate size/extent: _____ _____ _____							
d. Is the project site located in or does it adjoin a state listed Critical Environmental Area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes: i. CEA name: _____ ii. Basis for designation: _____ iii. Designating agency and date: _____							

e. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on, or has been nominated by the NYS Board of Historic Preservation for inclusion on, the State or National Register of Historic Places?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If Yes:	
<i>i.</i> Nature of historic/archaeological resource: <input type="checkbox"/> Archaeological Site <input type="checkbox"/> Historic Building or District	
<i>ii.</i> Name: _____	
<i>iii.</i> Brief description of attributes on which listing is based: _____	
f. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
g. Have additional archaeological or historic site(s) or resources been identified on the project site?	
If Yes:	
<i>i.</i> Describe possible resource(s): _____	
<i>ii.</i> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If Yes:	
<i>i.</i> Identify resource: _____	
<i>ii.</i> Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.): _____	
<i>iii.</i> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If Yes:	
<i>i.</i> Identify the name of the river and its designation: _____	
<i>ii.</i> Is the activity consistent with development restrictions contained in 6NYCRR Part 666?	
<input type="checkbox"/> Yes <input type="checkbox"/> No	

F. Additional Information

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

(SEE SOILS MAP, SHPO MAP, AND WETLANDS/BUFFERS MAP ATTACHED)

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.

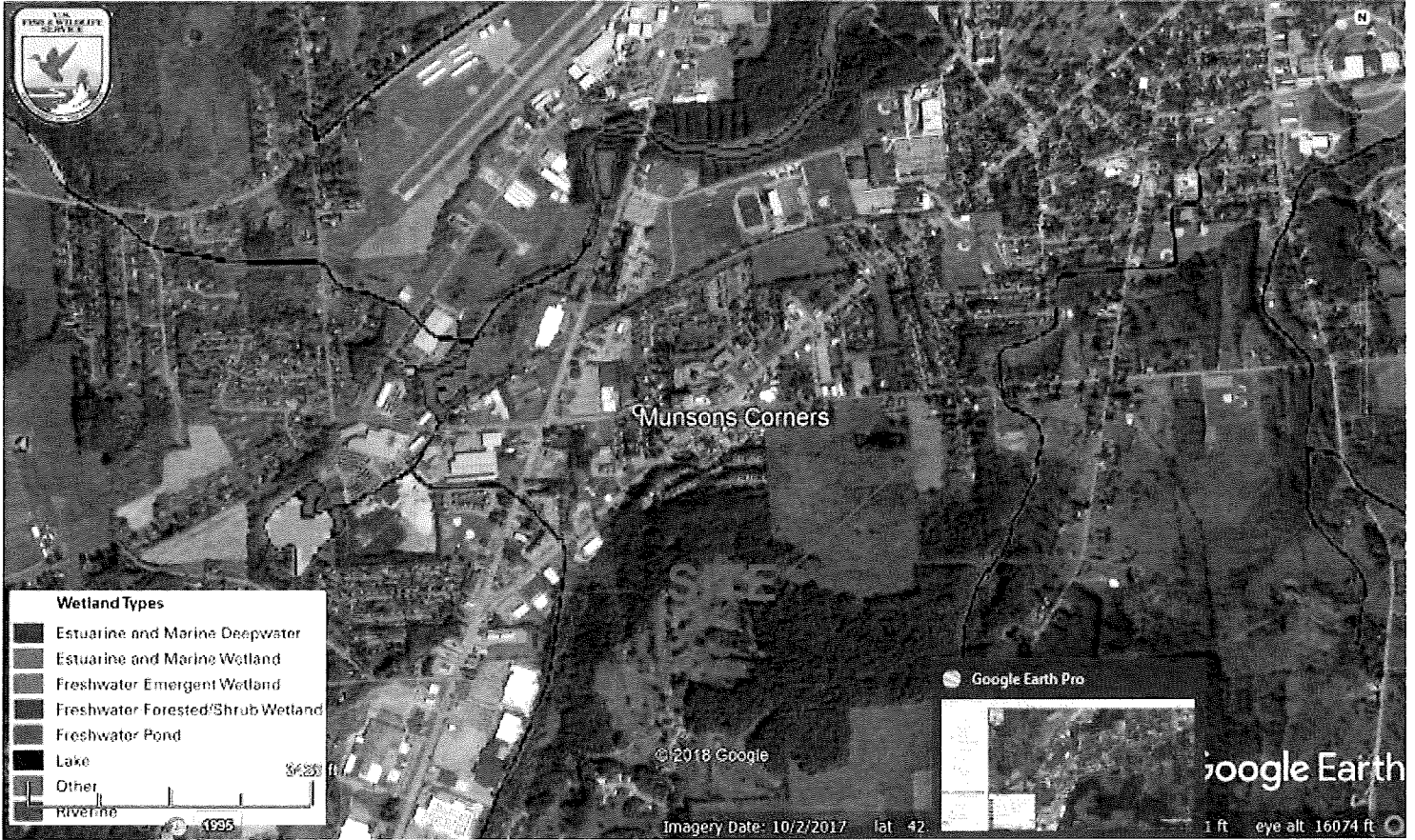
G. Verification

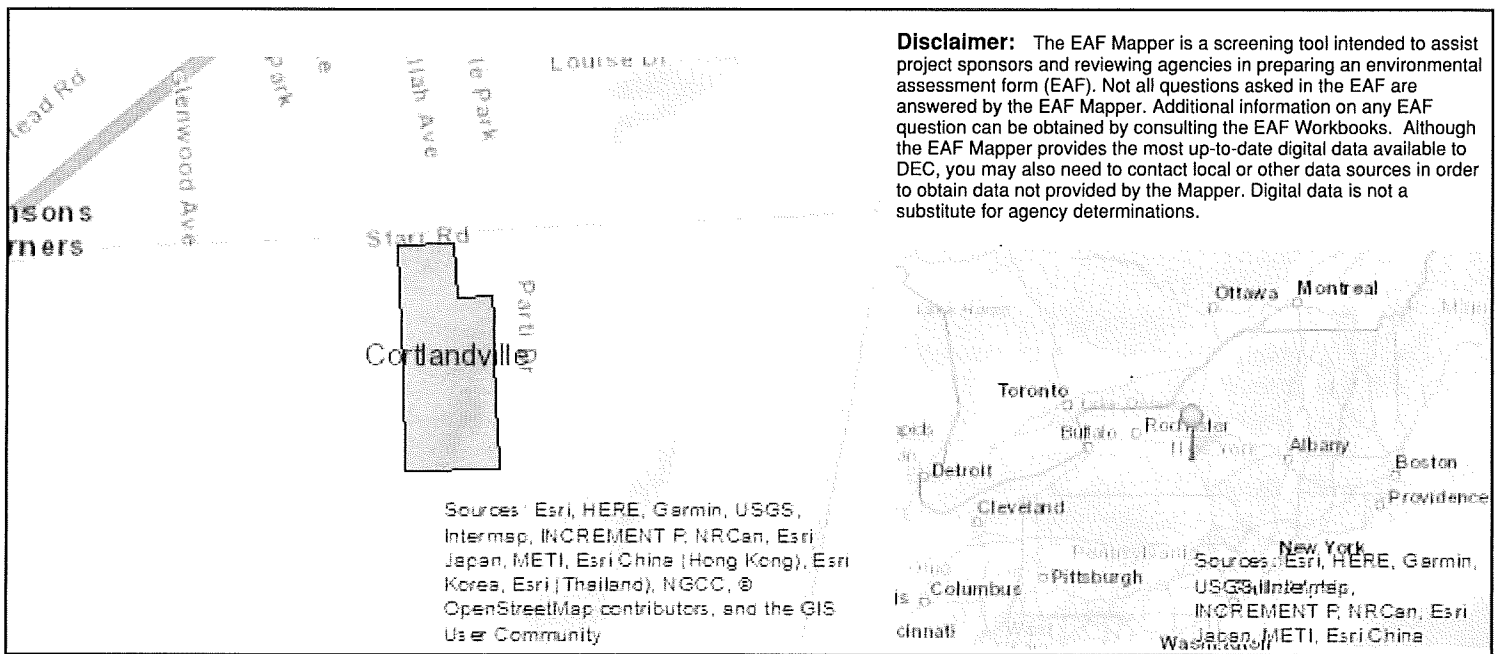
I certify that the information provided is true to the best of my knowledge.

Applicant/Sponsor Name TIMOTHY C. BUHL, P.E. Date 1-27-2019

Signature  Title PROJECT ENGINEER

STARR ROAD WETLANDS MAP





Part 1 / Question 7 [Critical Environmental Area]	No	(Long Form Question E.3.d)
Part 1 / Question 12a [National Register of Historic Places]	No	(Long Form Question E.3.c)
Part 1 / Question 12b [Archeological Sites]	No	(Long Form Question E.3.e)
Part 1 / Question 13a [Wetlands or Other Regulated Waterbodies]	No	(Long Form Question E.2.h)
Part 1 / Question 15 [Threatened or Endangered Animal]	No	(Long Form Question E.2.o)
Part 1 / Question 16 [100 Year Flood Plain]	No	(Long Form Question E.2.j)
Part 1 / Question 20 [Remediation Site]	No	(Long Form Question E.1.h)