

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: LUXOR JR. ESTATES | | |
| Project Location (describe, and attach a general location map): THE PROPOSED PROJECT IS LOCATED AT THE END OF MAPLEWOOD AVENUE NEAR LOCH SHELDRAKE (SEE PROJECT PLANS) | | |
| Brief Description of Proposed Action (include purpose or need): THE PROPOSED PROJECT CONSISTS OF THE CONSTRUCTION OF 97 SINGLE FAMILY HOMES ON A 41.62 ACRE SITE LOCATED BETWEEN THE EXISTING LUXOR ESTATES AND SHELDRAKE SHORES DEVELOPMENTS. IN ADDITION TO THE HOMES, THE PROPOSED PROJECT WILL INCLUDE A COMMUNITY BUILDING, TWO SWIMMING POOLS AND SEVERAL PLAYGROUND AREAS FOR SMALL CHILDREN. THE PROPOSED PROJECT WILL BE SERVED BY THE EXISTING TOWN OF FALLSBURG WATER AND SEWER DISTRICTS. THE DISTRICTS MUST BE EXTENDED BY THE TOWN TO INCLUDE THE WHOLE PROJECT AREA. | | |
| Name of Applicant/Sponsor: LUXOR JUNIOR CORP. | | Telephone: 908-715-5451 |
| | | E-Mail: rrieder@fieldstoneprop.com |
| Address: 545 WEST END AVENUE | | |
| City/PO: NEW YORK | State: NY | Zip Code: 10024 |
| Project Contact (if not same as sponsor; give name and title/role): D. RANDEL WASSON, P.E., PROJECT ENGINEER | | Telephone: 845-888-2288 |
| | | E-Mail: drwasson@wassonengineering.com |
| Address: 181 N. KAISERTOWN ROAD | | |
| City/PO: MONTGOMERY | State: NY | Zip Code: 12549 |
| Property Owner (if not same as sponsor): | | 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 Counsel, Town Board, <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No or Village Board of Trustees | WATER & SEWER DISTRICT EXTENSIONS ZONING UPDATE | EXTENSIONS PENDING, ZONING UPDATE COMPLETED JUNE, 2023 |
| b. City, Town or Village <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Planning Board or Commission | SITE PLAN, SEQR NEGATIVE DECLARATION | PENDING, ORIGINAL SUBMISSION 2008 |
| c. City, Town or <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Village Zoning Board of Appeals | | |
| d. Other local agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | |
| e. County agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | |
| 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 - SANITARY SEWER PLAN APPROVAL & STORMWATER SPDES | PENDING PLANNING BOARD APPROVAL |
| h. Federal agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | ACOE - NATIONWIDE 29 PERMIT | PENDING PLANNING BOARD APPROVAL |
| 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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| <ul style="list-style-type: none"> If Yes, complete sections C, F and G. If No, proceed to question C.2 and complete all remaining sections and questions in Part I | |
| C.2. Adopted land use plans. | |
| a. Do any municipally- adopted (city, town, village or county) comprehensive land use plan(s) include the site where the proposed action would be located? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | If Yes, does the comprehensive plan include specific recommendations for the site where the proposed action would be located? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| b. Is the site of the proposed action within any local or regional special planning district (for example: Greenway; Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; or other?) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | |
| If Yes, identify the plan(s): NYS Major Basins: Upper Delaware | |
| c. Is the proposed action located wholly or partially within an area listed in an adopted municipal open space plan, or an adopted municipal farmland protection plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| If Yes, identify the plan(s): | |

| | |
|---|---|
| C.3. Zoning | |
| a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance. If Yes, what is the zoning classification(s) including any applicable overlay district? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| PUD #1 _____ | |
| b. Is the use permitted or allowed by a special or conditional use permit? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| c. Is a zoning change requested as part of the proposed action? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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? TRI-VALLEY SCHOOL DISTRICT | |
| b. What police or other public protection forces serve the project site? TOWN OF FALLSBURG POLICE DEPT. & NYS POLICE | |
| c. Which fire protection and emergency medical services serve the project site? LOCH SHELDRAKE FIRE DEPARTMENT, HATZOLAH AMBULANCE SERVICE | |
| d. What parks serve the project site? MORNING SIDE 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)? <u>RESIDENTIAL</u> | |
| b. a. Total acreage of the site of the proposed action? | 41.62 acres |
| b. Total acreage to be physically disturbed? | 33.94 acres |
| c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? | 41.62 acres |
| c. Is the proposed action an expansion of an existing project or use? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | |
| If Yes, i. Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types) <u>RESIDENTIAL</u> | |
| ii. Is a cluster/conservation layout proposed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | |
| iii. Number of lots proposed? <u>97</u> | |
| iv. Minimum and maximum proposed lot sizes? Minimum <u>26' X 56'</u> Maximum <u>28' X 56'</u> | |
| e. Will the proposed action be constructed in multiple phases? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| i. If No, anticipated period of construction: <u>48</u> months | |
| ii. If Yes: | |
| <ul style="list-style-type: none"> • 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 checked="" type="checkbox"/> Yes <input 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 | 97 | _____ | _____ | _____ |

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| 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>35'</u> height; <u>50'</u> width; and <u>200'</u> length | |
| iii. Approximate extent of building space to be heated or cooled: <u>20,000</u> 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? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | |
| If Yes, | |
| i. Purpose of the impoundment: <u>STORMWATER BASINS</u> | |
| ii. If a water impoundment, the principal source of the water: <input type="checkbox"/> Ground water <input type="checkbox"/> Surface water streams <input checked="" type="checkbox"/> Other specify: <u>RAIN WATER/ RUN-OFF</u> | |
| 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): <u>SEE ATTACHED DESCRIPTION OF STORMWATER BASIN SIZES AND STORAGE VOLUMES</u> | |

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 checked="" type="checkbox"/> Yes <input 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): <u>ACOE ISOLATED WETLAND 4128 SF IN SIZE WILL BE PARTIALLY FILLED (3307 sf, 0.08ae)</u> | |
| _____ | |

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:
3307 SF OF WETLAND WILL BE FILLED TO CONSTRUCT A HOUSE, DECK AND SIDEWALK.

iii. Will the proposed action cause or result in disturbance to bottom sediments?

☐ Yes ☒ No

If Yes, describe:

iv. Will the 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:

NONE REQUIRED BUT STORMWATER BASINS TOTALING **2.5AC** INCLUDING AQUATIC VEGETATION WILL BE **CONSTRUCTED**

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: _____ **75,000** 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: **TOWN OF FALLSBURG CONSOLIDATED WATER DISTRICT - LOCH SHELDRAKE ZONE**
- 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: **THE PROJECT WILL CONNECT TO THE EXISTING WATER MAIN NEAR THE ENTRANCE TO THE PROJECT ON MAPLEWOOD AVE.**
- Source(s) of supply for the district: **EXISTING WELLS**

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), what is the maximum pumping capacity: **1014** gallons/minute.

d. Will the proposed action generate liquid wastes?

☒ Yes ☐ No

If Yes:

i. Total anticipated liquid waste generation per day: _____ **75,000** gallons/day

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

SANITARY 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: **TOWN OF FALLSBURG LOCH SHELDRAKE WASTEWATER TREATMENT PLANT**
- Name of district: **TOWN OF FALLSBURG CONSOLIDATED 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

| | |
|--|--|
| <ul style="list-style-type: none"> • Do existing sewer lines serve the project site? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No • Will a line extension within an existing district be necessary to serve the project? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <p>If Yes:</p> <ul style="list-style-type: none"> • Describe extensions or capacity expansions proposed to serve this project: _____ | |
| <p>THE PROJECT WILL CONNECT TO THE TOWN SEWER THRU A NEW, 8" PVC MAIN TO BE CONSTRUCTED ALONG MAPLEWOOD AVE FROM THE PROJECT SITE TO AN EXISTING MANHOLE AT THE INTERSECTION WITH ASTER RD. THIS MAIN WILL BE DEDICATED TO THE TOWN.</p> | |
| <p>iv. Will a new wastewater (sewage) treatment district be formed to serve the project site? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If Yes:</p> <ul style="list-style-type: none"> • Applicant/sponsor for new district: _____ • Date application submitted or anticipated: _____ • What is the receiving water for the wastewater discharge? _____ | |
| <p>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):</p> <p>_____</p> <p>_____</p> | |
| <p>vi. Describe any plans or designs to capture, recycle or reuse liquid waste: _____</p> <p>_____</p> <p>_____</p> | |
| <p>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? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p>i. How much impervious surface will the project create in relation to total size of project parcel?</p> <p style="padding-left: 20px;">_____ Square feet or <u>9.67</u> acres (impervious surface)</p> <p style="padding-left: 20px;">_____ Square feet or <u>41.62</u> acres (parcel size)</p> <p>ii. Describe types of new point sources. <u>ROADS, SIDEWALKS, PARKING AREAS & BUILDINGS</u></p> <p>_____</p> <p>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)?</p> <p><u>ON-SITE STORMWATER MANAGEMENT FACILITIES WITH DISCHARGE TO ADJACENT PROPERTIES</u></p> <p>_____</p> <ul style="list-style-type: none"> • If to surface waters, identify receiving water bodies or wetlands: <u>ULTIMATELY, RUN-OFF WILL FLOW INTO LOCH SHELDRAKE</u> _____ • Will stormwater runoff flow to adjacent properties? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | |
| <p>iv. Does the proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> | |
| <p>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? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes, identify:</p> <p>i. Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles)</p> <p><u>HEAVY EQUIPMENT, DELIVERY TRUCKS AND PERSONAL VEHICLES DURING CONSTRUCTION</u></p> <p>ii. Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers)</p> <p><u>CONSTRUCTION OFFICE HEAT</u></p> <p>iii. Stationary sources during operations (e.g., process emissions, large boilers, electric generation)</p> <p>_____</p> | |
| <p>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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If Yes:</p> <p>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) <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>ii. In addition to emissions as calculated in the application, the project will generate:</p> <ul style="list-style-type: none"> • _____ 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):
NORMAL CONSTRUCION OPERATIONS INCLUDING EQUIPMENT EXHAUST AND 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: FRIDAY EVENINGS DURING SUMMER. PEAK HOURS 4-6 PM

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 truck trips/day and type (e.g., semi trailers and dump trucks): _____

iii. Parking spaces: Existing 0 Proposed 262 Net increase/decrease 262

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

If Yes:

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

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

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

l. Hours of operation. Answer all items which apply.

i. During Construction:

- Monday - Friday: 7:30 AM - 6:00 PM
- Saturday: _____
- Sunday: 8:00 AM - 12:00 PM
- Holidays: _____

ii. During Operations:

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

| | |
|---|-----------------------|
| <p>m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If yes:</p> <p>i. Provide details including sources, time of day and duration:</p> <p>DURING CONSTRUCTION, EQUIPMENT OPERATING NOISE MAY BE GREATER THAN AMBIENT LEVELS DEPENDING ON LOCATION OF THE WORK. WORK WILL GENERALLY BE 7:30 - 4:30 BUT MAY EXTEND BEYOND THESE HOURS DEPENDING ON</p> | <p>STATUS:</p> |
| <p>ii. Will the proposed action remove existing natural barriers that could act as a noise barrier or screen? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Describe: MOST EXISTING VEGETATION WILL BE MAINTAINED AROUND THE PERIMETER OF THE PROJECT SITE. THERE ARE SEVERAL AREAS ON THE SITE WHERE THE VEGETATION WILL BE CLEARED THEN REPLACED AT THE END OF THE WORK.</p> | |
| <p>n. Will the proposed action have outdoor lighting? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If yes:</p> <p>i. Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:</p> <p>SPECIFIC FIXTURES INCLUDE 21, 20' HIGH STREET LIGHTS AND 50, 10' HIGH SIDEWALK LIGHTS. ALL LIGHTS WILL BE DARK SKY COMPLIANT. NEAREST NEIGHBORING</p> | |
| <p>ii. Will proposed action remove existing natural barriers that could act as a light barrier or screen? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Describe: SOME CLEARING WILL OCCUR NEAR THE SHELDRAKE SHORES HOMES. AN APPROXIMATE 30' WIDE VEGETATIVE BUFFER WILL REMAIN PLUS A STOCKADE FENCE AND EVERGREEN PLANTINGS WILL BE INSTALLED IN THIS AREA.</p> | |
| <p>o. Does the proposed action have the potential to produce odors for more than one hour per day? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures:</p> <p>_____</p> <p>_____</p> | |
| <p>p. Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons) or chemical products 185 gallons in above ground storage or any amount in underground storage? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If Yes:</p> <p>i. Product(s) to be stored _____</p> <p>ii. Volume(s) _____ per unit time _____ (e.g., month, year)</p> <p>iii. Generally, describe the proposed storage facilities: _____</p> | |
| <p>q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p>i. Describe proposed treatment(s):</p> <p>_____</p> <p>_____</p> <p>_____</p> | |
| <p>ii. Will the proposed action use Integrated Pest Management Practices? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> | |
| <p>r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p>i. Describe any solid waste(s) to be generated during construction or operation of the facility:</p> <ul style="list-style-type: none"> • Construction: _____ tons per _____ (unit of time) • Operation : _____ tons per _____ (unit of time) <p>ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:</p> <ul style="list-style-type: none"> • Construction: _____ • Operation: _____ <p>iii. Proposed disposal methods/facilities for solid waste generated on-site:</p> <ul style="list-style-type: none"> • Construction: _____ • Operation: _____ | |

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

If Yes:

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

ii. Anticipated rate of disposal/processing: _____

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

iii. If landfill, anticipated site life: _____ years

t. Will the 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): SEASONAL RESIDENTIAL

ii. If mix of uses, generally describe:

LOCAL USES ARE MOSTLY RESIDENTIAL, SEASONAL RESIDENTIAL AND UNDEVELOPED LANDS

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 | 9.67 | +9.67 |
| • Forested | 41.42 | 7.68 | -33.74 |
| • Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural) | 0 | 0 | 0 |
| • Agricultural (includes active orchards, field, greenhouse etc.) | 0 | 0 | 0 |
| • Surface water features (lakes, ponds, streams, rivers, etc.) | 0 | 2.76 | +2.76 |
| • Wetlands (freshwater or tidal) | 0.20 | 0.12 | -0.08 |
| • Non-vegetated (bare rock, earth or fill) | 0 | 0 | 0 |
| • Other Describe: <u>LAWN AREAS</u> | 0 | 21.39 | +21.39 |

| | |
|---|---|
| <p>c. Is the project site presently used by members of the community for public recreation? <i>i. If Yes: explain:</i> _____</p> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| <p>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>i. Identify Facilities:</i> _____ _____</p> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| <p>e. Does the project site contain an existing dam? If Yes: <i>i. Dimensions of the dam and impoundment:</i> <ul style="list-style-type: none"> • Dam height: _____ feet • Dam length: _____ feet • Surface area: _____ acres • Volume impounded: _____ gallons OR acre-feet <i>ii. Dam's existing hazard classification:</i> _____ <i>iii. Provide date and summarize results of last inspection:</i> _____ _____ </p> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| <p>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? If Yes: <i>i. Has the facility been formally closed?</i> <ul style="list-style-type: none"> • If yes, cite sources/documentation: _____ <i>ii. Describe the location of the project site relative to the boundaries of the solid waste management facility:</i> _____ _____ <i>iii. Describe any development constraints due to the prior solid waste activities:</i> _____ _____ </p> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No |
| <p>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? If Yes: <i>i. Describe waste(s) handled and waste management activities, including approximate time when activities occurred:</i> _____ _____ </p> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| <p>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? If Yes: <i>i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? Check all that apply:</i> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div style="width: 45%;"> <input type="checkbox"/> Yes – Spills Incidents database <input type="checkbox"/> Yes – Environmental Site Remediation database <input type="checkbox"/> Neither database </div> <div style="width: 50%;"> Provide DEC ID number(s): _____ Provide DEC ID number(s): _____ </div> </div> <i>ii. If site has been subject of RCRA corrective activities, describe control measures:</i> _____ _____ <i>iii. Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database?</i> If yes, provide DEC ID number(s): _____ <i>iv. If yes to (i), (ii) or (iii) above, describe current status of site(s):</i> _____ _____ </p> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No |

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? _____ >5 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:

| | |
|--------------------------------|-------------|
| <u>OOQUAGA ARNOT COMPLEX</u> | <u>23</u> % |
| <u>WELLSBORO GRAVELLY LOAM</u> | <u>77</u> % |
| _____ | _____ % |

d. What is the average depth to the water table on the project site? Average: _____ >5 feet

e. Drainage status of project site soils: ☐ Well Drained: _____ % of site
☒ Moderately Well Drained: 77 % of site
☒ Poorly Drained: 23 % of site

f. Approximate proportion of proposed action site with slopes: ☒ 0-10%: 80 % of site
☒ 10-15%: 13 % of site
☒ 15% or greater: 7 % 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 <u>(3) ACOE</u> | Approximate Size <u>0.20 ACRES TOTAL</u> |
| • 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: _____

| | |
|---|--|
| <p>m. Identify the predominant wildlife species that occupy or use the project site: _____</p> <div style="display: flex; justify-content: space-between;"> <div> <u>DEER</u> <u>BEARS</u> <u>RACCOONS</u> </div> <div> <u>BIRDS</u> <u>SQUIRRELS</u> </div> </div> | |
| <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 style="margin-left: 20px;">i. Describe the habitat/community (composition, function, and basis for designation): _____</p> <p style="margin-left: 20px;">ii. Source(s) of description or evaluation: _____</p> <p style="margin-left: 20px;">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>If Yes:</p> <p style="margin-left: 20px;">i. Species and listing (endangered or threatened): _____</p> <p>_____</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>If Yes:</p> <p style="margin-left: 20px;">i. Species and listing: _____</p> <p>_____</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>_____</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 style="margin-left: 20px;">i. If Yes: acreage(s) on project site? _____</p> <p style="margin-left: 20px;">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 style="margin-left: 20px;">i. Nature of the natural landmark: <input type="checkbox"/> Biological Community <input type="checkbox"/> Geological Feature</p> <p style="margin-left: 20px;">ii. Provide brief description of landmark, including values behind designation and approximate size/extent: _____</p> <p>_____</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 style="margin-left: 20px;">i. CEA name: _____</p> <p style="margin-left: 20px;">ii. Basis for designation: _____</p> <p style="margin-left: 20px;">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 the National or State Register of Historic Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| If Yes: <ul style="list-style-type: none"> i. Nature of historic/archaeological resource: <input type="checkbox"/> Archaeological Site <input type="checkbox"/> Historic Building or District ii. Name: _____ iii. Brief description of attributes on which listing is based: _____ | |
| f. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| g. Have additional archaeological or historic site(s) or resources been identified on the project site? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| If Yes: <ul style="list-style-type: none"> 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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| If Yes: <ul style="list-style-type: none"> i. Identify resource: _____ ii. Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.): _____ iii. Distance between project and resource: _____ miles. | |
| i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR 666? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| If Yes: <ul style="list-style-type: none"> i. Identify the name of the river and its designation: _____ ii. Is the activity consistent with development restrictions contained in 6 NYCRR Part 666? <input type="checkbox"/> Yes <input type="checkbox"/> No | |

F. Additional Information


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

If you have identified any adverse impacts which could be associated with your proposal, please describe those impacts plus any measures which you propose to avoid or minimize them.

G. Verification

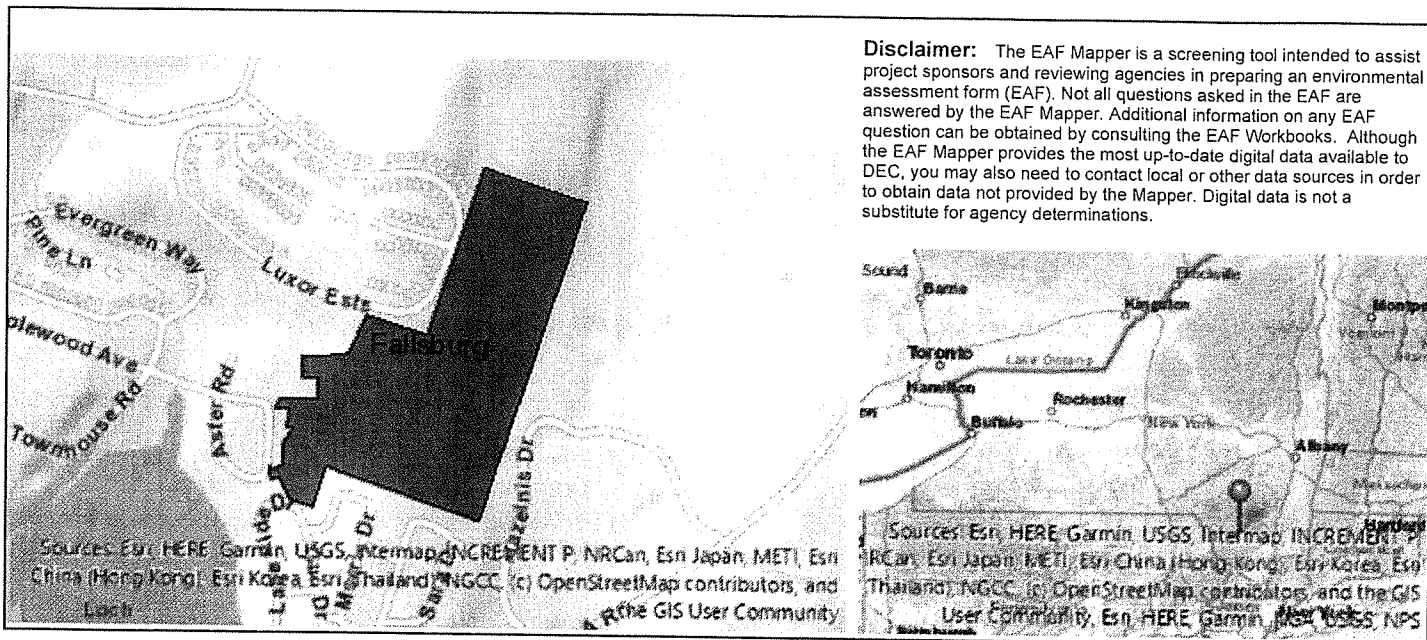
I certify that the information provided is true to the best of my knowledge.

Applicant/Sponsor Name D. RANDEL WASSON, P.E. Date 6/20/23

Signature  Title PROJECT ENGINEER

STORMWATER BASIN INFORMATION

| | |
|--|---------------------------------|
| BASIN A1: TOTAL SURFACE AREA = 33,219 SF | PERMANENT POOL AREA = 11,448 SF |
| BASIN B1: TOTAL SURFACE AREA = 35,124 SF | PERMANENT POOL AREA = 10,605 SF |
| BASIN B2: TOTAL SURFACE AREA = 26,640 SF | PERMANENT POOL AREA = 9,407 SF |
| BASIN B3: TOTAL SURFACE AREA = 14,389 SF | PERMANENT POOL AREA = 7,142 SF |



| | |
|--|---|
| B.1.i [Coastal or Waterfront Area] | No |
| B.1.ii [Local Waterfront Revitalization Area] | No |
| C.2.b. [Special Planning District] | Yes - Digital mapping data are not available for all Special Planning Districts. Refer to EAF Workbook. |
| C.2.b. [Special Planning District - Name] | NYS Major Basins: Upper Delaware |
| 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] | No |
| E.2.h.ii [Surface Water Features] | Yes |
| E.2.h.iii [Surface Water Features] | Yes - Digital mapping information on local and federal wetlands and waterbodies is known to be incomplete. Refer to EAF Workbook. |
| E.2.h.v [Impaired Water Bodies] | No |
| E.2.i. [Floodway] | No |
| E.2.j. [100 Year Floodplain] | No |
| E.2.k. [500 Year Floodplain] | No |
| E.2.l. [Aquifers] | No |
| E.2.n. [Natural Communities] | No |
| E.2.o. [Endangered or Threatened Species] | No |

| | |
|--|--|
| 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 |