



August 8, 2016

Ray Burger, Director of Planning
Town of Dryden Planning and Zoning Department
93 East Main Street
Dryden, NY 13053

RE: Evergreen Townhouses Planned Unit Development Concept Plan Additional Submission Materials

Dear Ray,

Attached please find additional information regarding traffic questions expressed by the Planning Board at their August 10th meeting. The memo is a supplement to the traffic report. Also attached please find an illustration that diagrams the setbacks for the proposed project and the distance to the nearest house. As you can see, the project proposes to maintain the setbacks as required in the Rural Residential District and the nearest building (which is actually two properties away, with a thick vegetated buffer) is more than 85' away from the project property line. The diagram also identifies that every building in the vicinity is a rental property. I believe this is helpful to remember when questions of community character are considered. Single family home occupancy along this busy street is low. As you know, along the Route 366 corridor, several townhouse developments such as the one proposed already exist. Finally, also attached is a copy of the Full Environmental Assessment for the Evergreen Townhouses project on the form you requested.

We look forward to reviewing the project with the Town Board on August 18th and hope to complete SEQR and receive concept plan approval that evening. This will allow the project team to prepare a Development Plan for further review by the town. In addition, we will be present at the August 10th Planning Board meeting to answer questions as the board prepares a response to SEQR for the Town Board.

Please feel free to contact me with any questions regarding this submission, or if you should need additional information.

Sincerely,

A handwritten signature in black ink, appearing to read "Kimberly", with a long horizontal flourish extending to the right.

Kimberly Michaels, RLA LEED AP
Principal



3495 Winton Place
Building E, Suite 110
Rochester, NY 14623

phone 585.272.4660
fax 585.272.4662

August 8, 2016

Mr. Gary Sloan
117 Horton Drive
Ithaca, New York 14850

RE: Proposed 1061 Dryden Road Townhomes, Town of Dryden, NY
Response to Town Planning Board Comments

Dear Mr. Sloan,

This letter was prepared to address comments expressed by the Town of Dryden Planning Board and resident feedback regarding the proposed 1061 Dryden Road (NYS Route 366) Townhomes (Project Site) and corresponding Traffic Impact Assessment (TIA) dated May 2016. The comments forwarded to SRF & Associates by Ms. Kimberly Michaels, RLA, LEED AP of Trowbridge Wolf Michaels via teleconference (August 3, 2016) will be referred to as "Comment #:" and are addressed accordingly.

Comment #1: Left-turning traffic exiting the Project Site and potential impacts to nearby study area.

Response: During the AM peak hour, 19 vehicles are projected to exit the Project Site; 9 vehicles are projected to exit the Project Site during the PM peak hour. Over the course of the peak hour, vehicles exiting during the AM peak equate to approximately one vehicle exiting the Site every 3.1 minutes. Meanwhile, over the course of the PM peak hour, approximately one vehicle every 6.6 minutes is projected to exit the Site.

Critical to traffic exiting a side road, or in this case the Project Site's driveway, is the left-turn movement. During the AM peak hour, 13 vehicles (one vehicle every 4.6 minutes) are projected to make a left-turn out of the Site; 6 vehicles (one vehicle every 10 minutes) are projected to make a left-turn out of the Site during the PM peak hour. Based on the low volume of traffic performing this turning maneuver during both peak hours combined with the acceptable projected Levels of Service for this movement – "C" during both peak hours – no significant adverse impacts are projected as a result of the proposed development. Actual delays may be less than what is projected based upon a review of traffic simulations performed using an extension of the SYNCHRO intersection analysis software called SimTraffic. SimTraffic is a dynamic simulation model that takes into account the traffic flow and gap conditions at closely spaced intersections and can more accurately reflect actual operating conditions. Further, over time it is recognized that Site residents will become more accustomed to traffic operations in the immediate area. These residents may adjust their travel behavior to better suit their travel demands, thereby exiting the Site at times when traffic is not at peak operating conditions.

It should also be noted that as it relates to potential operational impacts to adjacent intersections, reviewing agencies – including the New York State Department of Transportation (NYSDOT) – use a guideline in determining whether a project warrants the preparation of a traffic assessment report.

The applicable guideline is that if a proposed project is projected to add 100 vehicles per hour (vph) or more per approach to an intersection, then that intersection should be studied for potential traffic impacts. Given that the Proposed Project is anticipated to generate 26 vph or fewer entering and exiting the Project Site during both peak hours (13 or fewer per approach), the adjacent intersections and surrounding roadway network are unlikely to experience any significant adverse traffic impacts; thus, no further study is required.

Comment #2: Available sight distance at Project Site driveway.

Response: As per the May 2016 TIA, the available sight distance to the left of the Site driveway is sufficient for both the required Stopping Sight Distance (SSD) and the desirable Intersection Sight Distance (ISD) – 780 feet. To the right of the Site driveway the desirable ISD is not met by approximately 32 feet; however, the critical SSD is met. For reference, the following statement was made in the May 2016 TIA:

“Given that the required SSD is met and the proposed driveway is located immediately adjacent a posted bus stop (advanced warning signage posted for westbound traffic prior to the stop, at Pineridge Residences) with the likely understanding this is a known ‘slow down’ area, and the condition is borderline for the desirable ISD, no mitigation is recommended. Any brush and foliage along the sight lines should be maintained to ensure maximum visibility.”



Dryden Road facing west. East of Project Site.

The bus stop warning sign is shown in the image to the right (see yellow circle). In addition to the preceding statements, intersection warning signage is not recommended as it may cause confusion for westbound traveling motorists due to multiple driveways located in the immediate vicinity of the Site driveway. Moreover, installing additional signage can lead to sign clutter.

Comment #3: Accident Investigation at the intersections of Dryden Road at Turkey Hill Road/Monkey Run Road, Mt. Pleasant Road/Freese Road, and Forest Home Drive

Response: An accident investigation was completed to assess the safety history at the intersections of Dryden Road at Turkey Hill Road/Monkey Run Road, Mt. Pleasant Road/Freese Road, and Forest Home Drive from January 2013 through December 2015. The data was provided by the New York State Department of Transportation through a Freedom of Information (FOIL) request. A total of 13 accidents were reported. The following discusses the details of the obtained data.

During the three-year investigation period the following accidents were documented at the intersections as follows:

A total of two (2) accidents at the Dryden Road/Turkey Hill Road/Monkey Run Road intersection with the following severity:

- 2 Reportable – Non-injury

A total of nine (9) accidents at the Dryden Road/Mt. Pleasant Road/Freese Road intersection with the following severity:

- 1 Reportable – Injury
- 4 Reportable – Non-injury
- 4 Non-Reportable

A total of two (2) accidents at the Dryden Road/Forest Home Drive intersection with the following severity:

- 1 Reportable – Non-injury
- 1 Non-Reportable

Accident rates were not able to be computed for the Project study intersections for comparison with NYSDOT average accident rates for similar intersections as no turning movement count data is available for those intersections. Therefore, the following discussion offers descriptions of the events and identifies any accident patterns.

Dryden Road/Turkey Hill Road/Monkey Run Road

Of the two crashes that occurred at the intersection, one was a left-turn incident in the southbound direction and one was a right-angle in the southbound direction.

Dryden Road/Mt. Pleasant Road/Freese Road

The crashes that occurred were right-angle (2 northbound, 1 eastbound, 1 westbound), rear-end (2 southbound), left-turn (1 northbound), fixed object (1 northbound), and animal (1 eastbound).

Dryden Road/Forest Home Drive

The two crashes that occurred were classified as “other”, one in the eastbound direction and one listed as “unknown.”

The predominant factors for these crashes was a combination of driver inattention and failure to yield the right-of-way.

Segment-related accidents were also review for the three-year study period along Dryden Road between Mt. Pleasant Road/Freese Road and Turkey Hill Road/Monkey Run Road. A total of six (6) incidents occurred during this time; three (3) of which were collisions with deer. The reported accident rate for this segment of road is less than the NYSDOT average accident rate for similar roadway segments, calculated as accidents per million vehicle miles. The calculated accident rate was 1.4 compared to a NYSDOT average rate of 2.3.

This assessment also reviewed the Summary Report on High-Crash Road Segments and Intersection in Tompkins County, NY, prepared by Ithaca-Tompkins County Transportation Council (ITCTC) in

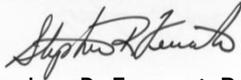
Re: *Proposed 1061 Dryden Road Townhomes, Town of Dryden*
Response to Town Planning Board Comments

August 8, 2016

December 2015. Data contained in the study was reported from 2008 through 2013. No high-crash rate intersections or segments were identified within the study area.

If you have any questions or are in need of additional information, please do not hesitate to contact our office.

Very truly yours,
SRF & Associates



Stephen R. Ferranti, P.E., PTOE
Principal

SRF/dlk
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ATTACHMENT

August 8, 2016

Letter to Mr. Gary Sloan

Proposed 1061 Dryden Road Townhomes

Town of Dryden
Tompkins County, New York



3495 Winton Place
Building E, Suite 110
Rochester, NY 14623

Int. #

1 Dryden Road/Turkey Hill Road/Monkey Run Road

Left turn	Rear-end	Overtaking	Right Angle	Right Turn	Head On	Side-swipe	Fixed Object	Other	Animal	Bike/Ped	Injury	Non Injury	Non-Repc	Sum
1			1									2		2
Total			1									2		2

2 Dryden Road/Mt. Pleasant Road/Freese Road

Left turn	Rear-end	Overtaking	Right Angle	Right Turn	Head On	Side-swipe	Fixed Object	Other	Animal	Bike/Ped	Injury	Non Injury	Non-Repc	Sum
1	2		4				1		1		1	4	4	9
Total	2		4				1		1		1	4	4	9

3 Dryden Road/Forest Home Drive

Left turn	Rear-end	Overtaking	Right Angle	Right Turn	Head On	Side-swipe	Fixed Object	Other	Animal	Bike/Ped	Injury	Non Injury	Non-Repc	Sum
							2					1	1	2
Total							2					1	1	2

1 appears to be rear-end

TOTALS 2 2 0 5 0 0 0 1 2 2 0 0 7 5 13

1 Dryden Road/Turkey Hill Road/Monkey Run Road

Northbound		Southbound		Eastbound		Westbound		Unknown		Totals
Left turn		1								1
Rear-end									2	2
Overtaking										0
Right Angle	1								1	1
Right Turn										0
Head On										0
Side-swipe										0
Fixed Object									1	1
Other										0
Bike/Ped										0
Animal										0
Totals	0	2	0	0	0	0	0	0	4	2

2 Dryden Road/Mt. Pleasant Road/Freese Road

Northbound		Southbound		Eastbound		Westbound		Unknown		Totals
Left turn		1								1
Rear-end									2	2
Overtaking										0
Right Angle	2								1	4
Right Turn										0
Head On										0
Side-swipe										0
Fixed Object									1	1
Other										0
Bike/Ped										0
Animal									1	1
Totals	2	1	0	0	0	0	0	0	2	9

3 Dryden Road/Forest Home Drive

Northbound		Southbound		Eastbound		Westbound		Unknown		Totals
Left turn										0
Rear-end										0
Overtaking										0
Right Angle										0
Right Turn										0
Head On										0
Side-swipe										0
Fixed Object									1	1
Other										0
Bike/Ped										0
Animal										0
Totals	0	0	0	0	0	0	0	0	1	2

3-YEAR CRASH SUMMARY (2013-2015)

Segment	ACCIDENT SEVERITY										TYPE										ADT	Seg Length	Accident Rate	NYS DOT Average		
	Injury			PDO	NR	Ttdl	SideSwipe		Angle	Right Turn	Over turned	Left Turn	Over taking	Rear End	Fixed Object	Unknown	Animal	Head On	Peer Bke	Non Collison					Total	
	Fatal	Major	Minor				Unknown	Same																		Opp.
Freease to Turkey Hill				2	4	2							1	2			3					6	7126	0.55	1.40	2.3

PARCEL INFO	
ADDRESS:	1061 DRYDEN ROAD, TOWN OF DRYDEN
TAX PARCEL:	55-1-16
TOTAL AREA:	6.537 ACRES
NUMBER OF UNITS PROPOSED:	36
PROPOSED BUILDING AREA:	2.1 ACRES
PROPOSED GREEN SPACE:	4.427 ACRES
ZONING SUMMARY	
	RURAL RESIDENTIAL DISTRICT
MINIMUM LOT AREA WITH PUBLIC WATER/SEWER	10,000 SF
MINIMUM FRONT YARD SETBACK	50 FT
MINIMUM SIDE YARD SETBACK	15 FT
MINIMUM SIDE YARD SETBACK: ACCESSORY BLDG WITH <15 FT HEIGHT & 200 SF OR LESS	1 FT
MINIMUM REAR YARD SETBACK	25 FT
MINIMUM REAR YARD SETBACK: ACCESSORY BLDG WITH <15 FT HEIGHT & 200 SF OR LESS	25 FT
MINIMUM LOT FRONTAGE	250 FT
MINIMUM LOT WIDTH	100 FT
MAXIMUM LOT COVERAGE	25 %
MAXIMUM BUILDING HEIGHT	35 FEET (SEE §604)



LEGEND	
	RENTAL UNITS



HOLT ARCHITECTS
 Architecture
 Planning
 Interior Design
 619 West State Street
 Ithaca NY 14850
 p 607.273.7600 f 607.273.0475

TROWBRIDGE WOLF MICHAELS
TWMA
 LANDSCAPE ARCHITECTS
 1001 W. Seneca St., Ste. 101 Ithaca, NY 14850
 607-277-1400 Fax 607-277-6092

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1061 Dryden Road
EVERGREEN TOWNHOUSES
 Town of Dryden, New York

DATE:	8/9/2016
PROJECT:	2016012
DRAWN BY:	MDC
CHECKED BY:	KAM

SITE
 DIAGRAM

L003

File: T:\PROJECTS\Dryden Road Townhouses\CAD\16012 TWMA BASE CW13D.dwg Plot Date: 8/9/2016

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:		
Project Location (describe, and attach a general location map):		
Brief Description of Proposed Action (include purpose or need):		
Name of Applicant/Sponsor:		Telephone:
		E-Mail:
Address:		
City/PO:	State:	Zip Code:
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:		
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, or Village Board of Trustees <input type="checkbox"/> Yes <input type="checkbox"/> No		
b. City, Town or Village Planning Board or Commission <input type="checkbox"/> Yes <input type="checkbox"/> No		
c. City Council, Town or Village Zoning Board of Appeals <input type="checkbox"/> Yes <input type="checkbox"/> No		
d. Other local agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
e. County agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
f. Regional agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
g. State agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
h. Federal agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
i. Coastal Resources. <ul style="list-style-type: none"> <li data-bbox="121 829 1485 861">i. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway? <input type="checkbox"/> Yes <input type="checkbox"/> No <li data-bbox="121 892 1485 924">ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program? <input type="checkbox"/> Yes <input type="checkbox"/> No <li data-bbox="121 924 1485 955">iii. Is the project site within a Coastal Erosion Hazard Area? <input type="checkbox"/> Yes <input type="checkbox"/> No 		

C. Planning and Zoning

C.1. Planning and zoning actions.

Will administrative or legislative adoption, or amendment of a plan, local law, ordinance, rule or regulation be the only approval(s) which must be granted to enable the proposed action to proceed? Yes No

- **If Yes**, complete sections C, F and G.
- **If No**, proceed to question C.2 and complete all remaining sections and questions in Part 1

C.2. Adopted land use plans.

a. Do any municipally- adopted (city, town, village or county) comprehensive land use plan(s) include the site where the proposed action would be located? Yes No

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

b. Is the site of the proposed action within any local or regional special planning district (for example: Greenway Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; or other?) Yes No

If Yes, identify the plan(s):

c. Is the proposed action located wholly or partially within an area listed in an adopted municipal open space plan, or an adopted municipal farmland protection plan? Yes No

If Yes, identify the plan(s):

C.3. Zoning

a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance. Yes No
If Yes, what is the zoning classification(s) including any applicable overlay district?

b. Is the use permitted or allowed by a special or conditional use permit? Yes No

c. Is a zoning change requested as part of the proposed action? Yes No

If Yes,

i. What is the proposed new zoning for the site? _____

C.4. Existing community services.

a. In what school district is the project site located? _____

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

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

d. What parks serve the project site?

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)?

b. a. Total acreage of the site of the proposed action? _____ acres
b. Total acreage to be physically disturbed? _____ acres
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? _____ acres

c. Is the proposed action an expansion of an existing project or use? Yes No
i. If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet)? % _____ Units: _____

d. Is the proposed action a subdivision, or does it include a subdivision? Yes No
If Yes,

i. Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types)

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 _____
- 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? Yes No
 If Yes, show numbers of units proposed.

	<u>One Family</u>	<u>Two Family</u>	<u>Three Family</u>	<u>Multiple Family (four or more)</u>
Initial Phase	_____	_____	_____	_____
At completion	_____	_____	_____	_____
of all phases	_____	_____	_____	_____

g. Does the proposed action include new non-residential construction (including expansions)? Yes No
 If Yes,

i. Total number of structures _____ maintenance building

ii. Dimensions (in feet) of largest proposed structure: _____ height; _____ width; and _____ length

iii. Approximate extent of building space to be heated or cooled: _____ square feet

h. Does the proposed action include construction or other activities that will result in the impoundment of any liquids, such as creation of a water supply, reservoir, pond, lake, waste lagoon or other storage? Yes No
 If Yes,

i. Purpose of the impoundment: _____

ii. If a water impoundment, the principal source of the water: Ground water Surface water streams Other specify: _____

iii. If other than water, identify the type of impounded/contained liquids and their source. _____

iv. Approximate size of the proposed impoundment. Volume: _____ million gallons; surface area: _____ acres

v. Dimensions of the proposed dam or impounding structure: _____ height; _____ length

vi. Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete): _____

D.2. Project Operations

a. Does the proposed action include any excavation, mining, or dredging, during construction, operations, or both? Yes No
 (Not including general site preparation, grading or installation of utilities or foundations where all excavated materials will remain onsite) 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?

- Volume (specify tons or cubic yards): _____
- Over what duration of time? _____

iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them. _____

iv. Will there be onsite dewatering or processing of excavated materials? Yes No
 If yes, describe. _____

v. What is the total area to be dredged or excavated? _____ acres

vi. What is the maximum area to be worked at any one time? _____ acres

vii. What would be the maximum depth of excavation or dredging? _____ feet

viii. Will the excavation require blasting? Yes No

ix. Summarize site reclamation goals and plan: _____

b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, waterbody, shoreline, beach or adjacent area? Yes No
 If Yes:

i. Identify the wetland or waterbody which would be affected (by name, water index number, wetland map number or geographic description): _____

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: _____ gallons/day for all 36 units

ii. Will the proposed action obtain water from an existing public water supply? Yes No

If Yes:

- Name of district or service area: _____
- Does the existing public water supply have capacity to serve the proposal? Yes No
- Is the project site in the existing district? Yes No
- Is expansion of the district needed? Yes No
- Do existing lines serve the project site? Yes No

iii. Will line extension within an existing district be necessary to supply the project? Yes No

If Yes:

- Describe extensions or capacity expansions proposed to serve this project: _____
- Source(s) of supply for the district: _____

iv. Is a new water supply district or service area proposed to be formed to serve the project site? Yes No

If Yes:

- Applicant/sponsor for new district: _____
- Date application submitted or anticipated: _____
- Proposed source(s) of supply for new district: _____

v. If a public water supply will not be used, describe plans to provide water supply for the project: _____

vi. If water supply will be from wells (public or private), maximum pumping capacity: _____ gallons/minute.

d. Will the proposed action generate liquid wastes? Yes No

If Yes:

i. Total anticipated liquid waste generation per day: _____ 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): _____

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: _____
- 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:

- How much impervious surface will the project create in relation to total size of project parcel?
 _____ Square feet or _____ acres (impervious surface)
 _____ Square feet or _____ acres (parcel size)
- Describe types of new point sources. _____

- 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)?

 - If to surface waters, identify receiving water bodies or wetlands: _____

 - 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? (Personal vehicles for residents) Yes No
 If Yes, identify:

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

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

- 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:

- 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
- 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 Hydroflouorocarbons (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:

i. When is the peak traffic expected (Check all that apply): Morning Evening Weekend
 Randomly between hours of _____ to _____.

ii. For commercial activities only, projected number of semi-trailer truck trips/day: _____

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

iv. Does the proposed action include any shared use parking? Yes No

v. If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe: _____

vi. Are public/private transportation service(s) or facilities available within 1/2 mile of the proposed site? Yes No

vii. Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? Yes No

viii. Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? Yes No

k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy? (N/A - Residential project) 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.

<p>i. During Construction:</p> <ul style="list-style-type: none"> • Monday - Friday: _____ • Saturday: _____ • Sunday: _____ • Holidays: _____ 	<p>ii. During Operations:</p> <ul style="list-style-type: none"> • Monday - Friday: _____ • Saturday: _____ • Sunday: _____ • Holidays: _____
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m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both? Yes No
 If yes:
 i. Provide details including sources, time of day and duration:

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

n.. Will the proposed action have outdoor lighting? Yes No
 If yes:
 i. Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:

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
 N/A - residential project
 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
 N/A - residential project
 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:

b. Land uses and coverytypes on the project site.

Land use or Coverytype	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
• Roads, buildings, and other paved or impervious surfaces			
• Forested			
• 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)			
• Non-vegetated (bare rock, earth or fill)			
• Other Describe: _____ _____			

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:

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? _____ 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: _____ %
 _____ %
 _____ %

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

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

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

m. Identify the predominant wildlife species that occupy or use the project site: _____ _____ _____	
n. Does the project site contain a designated significant natural community? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes: <i>i.</i> Describe the habitat/community (composition, function, and basis for designation): _____ _____ <i>ii.</i> Source(s) of description or evaluation: _____ <i>iii.</i> Extent of community/habitat: <ul style="list-style-type: none"> • 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 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 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 type="checkbox"/> No If yes, give a brief description of how the proposed action may affect that use: _____ _____	
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 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 type="checkbox"/> No <i>i.</i> If Yes: acreage(s) on project site? _____ <i>ii.</i> 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 type="checkbox"/> No If Yes: <i>i.</i> Nature of the natural landmark: <input type="checkbox"/> Biological Community <input type="checkbox"/> Geological Feature <i>ii.</i> 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 type="checkbox"/> No If Yes: <i>i.</i> CEA name: _____ <i>ii.</i> Basis for designation: _____ <i>iii.</i> 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 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 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 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 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.

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 _____ Date _____

Signature _____ Title _____