

## ENVIRONMENTAL ASSESSMENT FORM

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**PART 1 - PROJECT INFORMATION**  
Prepared by Project Sponsor

NOTICE: This document is designed to assist in determining whether the action proposed may have a significant effect on the environment. Please complete the entire form, Parts A through E. Answers to these questions will be considered as part of the application for approval and may be subject to further verification and public review. Provide any additional information you believe will be needed to complete Parts 2 and 3.

It is expected that completion of the full EAF will be dependent on information currently available and will not involve new studies, research or investigation. If information requiring such additional work is unavailable, so indicate and specify each instance.

NAME OF ACTION			Lawrence Hospital Center Cancer Center and Surgery Relocation		
LOCATION OF ACTION			Lawrence Hospital Center, 55 Palmer Avenue		
NAME OF APPLICANT/SPONSOR		Lawrence Hospital Center		BUSINESS TELEPHONE	
				914-787-6050	
ADDRESS			55 Palmer Avenue		
CITY/PO		Bronxville		STATE	ZIP CODE
				NY	10708
NAME OF OWNER (if different)			BUSINESS TELEPHONE		
Same as Applicant					
ADDRESS					
CITY/PO					
			STATE		
			ZIP CODE		
DESCRIPTION OF ACTION			The proposed Lawrence Hospital Center project consists of the construction of a 41,923 SF addition to the existing hospital building for the relocation of existing offices, surgical facilities, and oncology facilities to provide additional space and modernized equipment.		

**PLEASE COMPLETE EACH QUESTION - INDICATE N/A IF NOT APPLICABLE.**

**A. SITE DESCRIPTION**

Physical setting of overall project, both developed and undeveloped areas.

1. Present Land Use:  Urban  Industrial  Commercial  Residential  Rural (non-farm)  
 Forest  Agricultural  Other: hospital vacant land

2. Total acreage of project area: 0.73± acres<sup>1</sup>

APPROXIMATE ACREAGE	PRESENTLY	AFTER COMPLETION
Meadow or Brushland (Non-Agricultural)	_____ acres	_____ acres
Forested	_____ acres	_____ acres
Agricultural (includes orchards, cropland, pasture, etc.)	_____ acres	_____ acres
Wetland (freshwater or tidal as per Articles 24, 25 of ECL)	_____ acres	_____ acres
Water Surface Area	_____ acres	_____ acres
Unvegetated (rock, earth fill, gravel)	_____ acres	_____ acres
Roads, buildings and other paved surfaces	<u>0.144</u> acres	<u>0.375</u> acres
Other (Indicate type: <u>lawn/landscaped areas</u> )	<u>0.586</u> acres	<u>0.355</u> acres

3. What is predominant soil type(s) on project site: Urban Land (Uf)<sup>2</sup>
- a. Soil drainage:  Well drained 100±% of site  Moderately well drained \_\_\_% of site  
 Poorly drained \_\_\_% of site
- b. If any agricultural land is involved, how many acres of soil are classified within soil group 1 through 4 of the NYS Land Classification System? N/A acres (see 1 NYCRR 370).
4. Are there bedrock outcroppings on project site?  Yes  No
- a. What is depth to bedrock? undetermined due to Urban Land soil type<sup>2</sup>

5. Approximate percentage of proposed project site with slopes:  0-10% 100±%  10-15% \_\_%  
 15% or greater \_\_%
6. Is project substantially contiguous to or contain a building site, or district, listed on the State or National Registers of Historic Places?  Yes  No<sup>3</sup>
7. Is project substantially contiguous to a site listed on the Register of National Natural Landmarks?  Yes  No<sup>4</sup>
8. What is the depth of the water table? 26<sup>2</sup> (In feet)
9. Is site located over a primary, principal, or sole source aquifer?  Yes  No<sup>5</sup>
10. Do hunting, fishing or shell fishing opportunities presently exist in the project area?  Yes  No
11. Does project site contain any species of plant or animal life that is identified as threatened or endangered?  Yes  No<sup>6</sup>  
 According to Environmental Resource Mapper on NYSDEC website and site is completely developed.  
 Identify each species: \_\_\_\_\_
12. Are there any unique or unusual land forms on the project site? (I.e. cliffs, dunes, or other geological formations)  Yes  No  
 Describe: \_\_\_\_\_
13. Is the project site presently used by the community or neighborhood as an open space or recreation area? If yes, explain: \_\_\_\_\_  Yes  No
14. Does the present site include scenic views known to be important to the community?  Yes  No<sup>7</sup>
15. Streams within or contiguous to the project area: None<sup>8</sup>  
 a. Name of Stream and name of River to which it is tributary: \_\_\_\_\_
16. Lakes, ponds, wetland areas within or contiguous to project area: None<sup>9</sup>  
 a. Name: \_\_\_\_\_ b. Size (in acres): \_\_\_\_\_
17. Is the site served by existing public utilities?  Yes  No  
 a. If Yes, does sufficient capacity exist to allow connection?  Yes  No  
 b. If Yes, will improvements be necessary to allow connection?  Yes  No
18. Is the site located in an agricultural district certified pursuant to Agriculture and Markets Law 25-AA, Section 303 and 304?  Yes  No<sup>10</sup>
19. Is the site located in or substantially contiguous to a Critical Environmental Area designated pursuant to Article 8 of the ECL, and 6 NYCRR 617?  Yes  No<sup>11</sup>
20. Has the site ever been used for the disposal of solid or hazardous waste?  Yes  No<sup>12</sup>

**B. PROJECT DESCRIPTION**

1. Physical dimensions and scale of project (fill in dimensions as appropriate)
- a. Total contiguous acreage owned or controlled by project sponsor 3.54± acres
- b. Project acreage to be developed: 0.73± acres initially; 0.73± acres ultimately.
- c. Project acreage to remain undeveloped: 0 acres.
- d. Length of project in miles: N/A (if appropriate).
- e. If the project is an expansion, indicate percent of expansion proposed: N/A%.
- f. Number of off-street parking spaces existing: N/A proposed: N/A<sup>13</sup>
- g. Maximum vehicular trips generated per hour: 0<sup>14</sup> P.M. peak (upon project completion).
- h. If residential, number and type of housing units: N/A
- |            | One Family | Two Family | Multiple Family | Condominium |
|------------|------------|------------|-----------------|-------------|
| Initially  | _____      | _____      | _____           | _____       |
| Ultimately | _____      | _____      | _____           | _____       |
- i. Dimensions (in feet) of largest proposed structure: 3 stories height; 110± ft width; 190± ft length<sup>15</sup>
- j. Linear feet of frontage along a public thoroughfare project will occupy is: 1,100± feet<sup>16</sup>

2. How much natural material (i.e. rock, earth, etc.) will be removed from the site? 0 cubic yards.
3. Will disturbed areas be reclaimed?  Yes  No
  - a. If Yes, for what intended purpose is site being reclaimed? use on site
  - b. Will topsoil be stockpiled for reclamation?  Yes  No
  - c. Will upper subsoil be stockpiled for reclamation?  Yes  No
4. How many acres of vegetation (trees, shrubs, ground covers) will be removed from site? 0.231± acres<sup>17</sup>.
5. Will any mature forest (over 100 years old) or other locally important vegetation be removed from site?  Yes  No
6. If single-phase project, anticipated period of construction: 18± months (including demolition).
7. If multi-phased: N/A months
  - a. Total number of phases anticipated: \_\_\_\_\_ (number).
  - b. Anticipated date of commencement of phase one: \_\_\_\_\_ month, year.
  - c. Approximate completion date of final phase: \_\_\_\_\_ month, year.
  - d. Is phase one functionally dependent on subsequent phases?  Yes  No
8. Will blasting occur during construction?  Yes  No
9. Number of jobs generated - during construction: 114±<sup>18</sup>; after project is complete: 7 new employees (relocation of some existing hospital employees)
10. Number of jobs eliminated by this project: 0
11. Will project require relocation of any projects or facilities?  Yes  No  
 If Yes, explain: The project involves relocation of offices, surgical facilities, exam rooms, and oncology facilities from the existing hospital buildings to the new addition.
12. Is surface liquid waste disposal involved?  Yes  No<sup>19</sup>
  - a. If Yes, indicate type of waste (sewage, industrial, etc.) and amount: \_\_\_\_\_  
 Name of water body into which effluent will be discharged: \_\_\_\_\_
13. Is subsurface liquid waste disposal involved?  Yes  No
14. Will surface area of an existing body of water increase or decrease by proposal?  Yes  No  
 If Yes, explain: \_\_\_\_\_
15. Is project or any portion of project located in a 100-year floodplain?  Yes  No<sup>20</sup>
16. Will project generate solid waste?  Yes  No<sup>21</sup>
  - a. If Yes, what is the amount per month? \_\_\_\_\_ tons
  - b. If Yes, will an existing solid waste facility be used?  Yes  No
  - c. If Yes, give name: \_\_\_\_\_; location: \_\_\_\_\_
  - d. Will any wastes not go into a sewage disposal system or into a sanitary landfill?  Yes  No  
 If Yes, explain: \_\_\_\_\_
17. Will project involve the disposal of solid waste?  Yes  No
  - a. If Yes, what is the anticipated rate of disposal? \_\_\_\_\_ tons/month.
  - b. If Yes, what is the anticipated site life? \_\_\_\_\_ Years
18. Will project use herbicides and pesticides?  Yes  No
19. Will project routinely produce odors (more than one hour per day)?  Yes  No
20. Will project produce operating noise exceeding the local ambient noise levels?  Yes  No<sup>22</sup>
21. Will project result in an increase in energy use?  Yes  No  
 If Yes, indicate type(s): electricity and fuel for heating, lighting & air conditioning for the proposed addition
22. If water supply is from wells, indicate pumping capacity: N/A gallons/minute
23. Total anticipated water usage per day: N/A gallons/day
24. Does project involve Local, State or Federal funding?  Yes  No

**25. Approvals Required:**

	Yes	No	Type	Submittal Date
City, Town, Village, Board	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
City, Town, Village, Planning Board	<input checked="" type="checkbox"/>	<input type="checkbox"/>	site plan, special use permit	
City, Town, Village Zoning Board	<input checked="" type="checkbox"/>	<input type="checkbox"/>	area variances	
City, County Health Department	<input checked="" type="checkbox"/>	<input type="checkbox"/>	potential water/sewer approval	
Other Local Agencies	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Other Regional Agencies (County Planning)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	GML 239m review	
State Agencies	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Certificate of Need	
Federal Agencies	<input type="checkbox"/>	<input checked="" type="checkbox"/>		

**C. ZONING AND PLANNING INFORMATION**

- Does proposed action involve a planning or zoning decision?  Yes  No  
If Yes, indicate decision required:  
 zoning amendment  zoning variance  special use permit  subdivision  site plan  
 new/revision of master plan  resource management plan  other
- What is the zoning classification(s) of the site? Central Business A (CBA)
- What is the maximum potential development of the site if developed as permitted by the present zoning?  
Maximum floor area ratio of 1.5 for a hospital in Central Business A District per Section 310-42(I)(3) of the Zoning Code, or maximum floor area of 231,303 SF for the 3.54 acre site
- What is the proposed zoning of the site? N/A
- What is the maximum potential development of the site if developed as permitted by the proposed zoning? N/A
- Is the proposed action consistent with the recommended uses in adopted local land use plans?  Yes  No
- What are the predominant land uses and zoning classifications within one-quarter mile?  
Uses: hospital, office, mixed use commercial, public parks, manufacturing, residential  
Zoning: Business, Residential
- Is the proposed action compatible with adjoining/surrounding land uses within a quarter mile?  Yes  No
- If the proposed action is a subdivision of land, how many lots are proposed? N/A  
 What is the minimum lot size proposed? \_\_\_\_\_
- Will proposed action require any authorization(s) for the formation of sewer or water districts?  Yes  No
- Will proposed action create a demand for any community provided services (recreation, education, police, fire protection)?  Yes  No  
 a. If Yes, is existing capacity sufficient to handle projected demand?  Yes<sup>23</sup>  No
- Will proposed action result in the generation of traffic significantly above present levels?  Yes  No  
 a. If yes, is the existing road network adequate to handle the additional traffic?  Yes  No

**D. INFORMATION DETAILS**

Attach any additional information as may be needed to clarify your project. If there are or may be any adverse impacts associated with your proposal, please discuss such impacts and the measures which you propose to mitigate or avoid them.

**E. VERIFICATION**

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

Applicant/Sponsor Name: Lawrence Hospital Center Date: Issued February 4, 2011

Signature: Deborah S Hubbard Title: Associate Planner

If the action is in the Coastal Area, and you are a state agency, complete the Coastal Assessment Form before proceeding with this assessment. Attach form to this document.

## ENDNOTES

- <sup>1</sup> Represents the project area which is defined as the 0.73 acre area of disturbance for construction of the proposed addition which is located within the tax parcel identified as Section 2 Block 5 Lot 5.
- <sup>2</sup> According to available Geographic Information System (GIS) information, the project area contains Urban Land (Uf) soil series. Urban Land is described as areas covered by buildings, streets, parking lots and other impervious surfaces, which obscure soil identification, so that the actual identification of the soil is not determined. These areas are considered to be well drained since stormwater drainage from them is controlled. Since the actual soil identification is not determined, the depth to bedrock and depth to water table are unknown. Nearby soils have a depth to bedrock of greater 70 inches, so it is likely that soils within the project area do not have a shallow depth to bedrock. Soil borings performed in the vicinity of the project site had a depth to water that ranged from 14 to 26 feet; therefore, groundwater is not expected to be encountered.
- <sup>3</sup> According to the New York State Office of Parks, Recreation and Historic Preservation (NYSOPRPH) website, the 3.54 acre hospital site is contiguous to the Bronx River Parkway Reservation which is listed on the National Register of Historic Places (91NR03356). However, the 0.73 acre project area is in the northeastern portion of the parcel and is not adjacent to this historic site.
- <sup>4</sup> According to the National Park Service website ([http://www1.nature.nps.gov/nri/registry/usa\\_map/index.cfm](http://www1.nature.nps.gov/nri/registry/usa_map/index.cfm)).
- <sup>5</sup> According to the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance, Series (2.1.3), *Primary and Principle Aquifer Determinations*, Table 1, 1990, the *Atlas of Eleven Selected Aquifers In New York*, U.S. Geological Survey in cooperation with the NYS Department of Health, 1982, and the EPA website ([www.epa.gov/region02/water/aquifer/](http://www.epa.gov/region02/water/aquifer/)).
- <sup>6</sup> According to the NYSDEC Environmental Resource Mapper on the NYSDEC website (<http://www.dec.ny.gov/animals/38801.html>), the project site is not expected to contain any endangered, threatened or rare species or suitable habitat for these species.
- <sup>7</sup> The architecture of the proposed addition will be consistent with the full masonry look of the existing hospital building, and thus will complement the village architectural vocabulary. Significant landscaping is proposed around the new addition to maintain the park-like look along Pondfield Road west. The new addition will include a roof garden which will soften and beautify views of the addition from the Stoneleigh Plaza residences, as well as providing a pleasing healing environment for patients and visitors.

- <sup>8</sup> According to available GIS Information, the 0.73 acre project area is in the northeast portion of the hospital parcel, and does not contain nor is it located adjacent to any streams. According to available GIS information and NYCRR Title 6 Chapter X Subchapter B Part 935 Section 935.6, the 3.54 acre hospital site is contiguous to the Bronx River, a NYSDEC classified stream identified as stream ER-3. The Bronx River is classified as a Class C stream in the vicinity of the project site and is a tributary of the East River.
- <sup>9</sup> According to secondary source NYSDEC information, the 0.73 acre project area does not contain nor is contiguous to a State or Federally regulated wetlands.
- <sup>10</sup> According to the "Mapping Westchester County" website, (<http://giswww.westchestergov.com/gismap/>), the project site is not located within a designated Agricultural District nor within 500 feet of a farm operation within a designated Agricultural District.
- <sup>11</sup> According to the list of Critical Environmental Areas on the NYSDEC website (<http://www.dec.ny.gov/public/25113.html>) and the "Mapping Westchester County" website (<http://giswww.westchestergov.com/gismap/>), the 0.73 acre project area is not located within or contiguous to any designated Critical Environmental Areas (CEA's). The hospital parcel is located adjacent to the County and State Park Lands CEA, designated in January of 1990 by the County of Westchester.
- <sup>12</sup> According to the remediation database on the NYSDEC website <http://www.dec.ny.gov/cfm/xtapps/derfoil/>) and the "Mapping Westchester County" website (<http://giswww.westchestergov.com/gismap/>).
- <sup>13</sup> Please refer to the Lawrence Hospital Center Campus-Wide Parking Study dated November 11, 2010, prepared by Desman Associates. The proposed project consists primarily of the relocation of facilities to provide additional office, exam, and surgical space and equipment modernization, and thus, is not expected to result in an increase in parking demand. It should be noted that the physical therapy facility within the hospital has been moved offsite, which is expected to reduce parking demand at the hospital site.
- <sup>14</sup> The proposed project consists primarily of the relocation of facilities to provide improved office, exam, and surgical space and equipment modernization, and thus, is not expected to result in any significant increase in water usage or wastewater generation. Wastewater from the hospital is routed to the Westchester County Yonkers Sewage Treatment Plant which discharges treated wastewater to the Hudson River.
- <sup>15</sup> Represents the dimensions of the proposed addition.
- <sup>16</sup> Represents the linear road frontage of the entire 3.54 acre hospital site along Palmer Avenue, Parkway Road, and Pondfield Road West. The area of the proposed addition is located along Parkway Road and Pondfield Road West.

- <sup>17</sup> Represents the increase in impervious surface resulting from the proposed project.
- <sup>18</sup> Based on Burchell, Robert W., David Listokin, et. al. *Development Assessment Impact Handbook*, Exhibit 7.2, *Computation of Economic Impact*, Washington D.C., Urban Land Institute, 1994, which estimates 9.2 labor hours per \$1,000 of construction, 2,000 hours for one equivalent full-time job, and an estimated construction cost of \$24,700,000, the proposed project is expected to generate the equivalent of 114± full time construction jobs.
- <sup>19</sup> The proposed project consists primarily of the relocation of facilities to provide improved office, exam, and surgical space and equipment modernization, and thus, is not expected to result in any significant increase in water usage or wastewater generation. Wastewater from the hospital is routed to the Westchester County Yonkers Sewage Treatment Plant which discharges treated wastewater to the Hudson River.
- <sup>20</sup> According to available GIS information and the "Mapping Westchester County" website (<http://giswww.westchestergov.com/gismap/>), the 0.73 acre project area is not located within a 100-year floodplain.
- <sup>21</sup> The proposed project consists primarily of the relocation of facilities to provide additional office, exam, and surgical space and equipment modernization, and thus, is not expected to result in any significant increase in water usage or wastewater generation. Solid waste generated by the hospital is currently collected by a local waste hauler and transported to a nearby transfer station for disposal at the Charles Point Resource Recovery Facility or Westchester County Resource Recovery Facility. Medical waste is transported by a licensed medical waste hauler to an appropriate licensed disposal facility.
- <sup>22</sup> Noise which exceeds the local ambient noise levels may occur during construction activities. The proposed project is not anticipated to increase noise levels above local ambient levels. The project includes the installation of roof mounted HVAC equipment (chillers) which will be housed within an enclosed mechanical penthouse on the roof, and will be screened with masonry sound deadening screen walls. Upgrades to the emergency backup generators are also proposed. A new generator will be installed on the part of campus opposite Pondfield Road West. While this generator will create noise during operation, it will be operated only under limited circumstances, so that impacts related to operation of the generator will be temporary.
- <sup>23</sup> The proposed addition is in direct response to community need for quality medical care. Since the project is expected to result in only a modest increase in patient visits (22 new patients), no increased demand on community services is anticipated. The proposed addition will be fully sprinklered and will comply with current NYS Uniform Fire Protection and Building Code standards.

**Part 2 - PROJECT IMPACTS AND THEIR MAGNITUDE**  
**Responsibility of Lead Agency**  
**General Information (Read Carefully)**

In completing the form the reviewer should be guided by the question: Have my responses and determinations been reasonable? The reviewer is not expected to be an expert environmental analyst.

The Examples provided are to assist the reviewer by showing types of impacts and wherever possible the threshold of magnitude that would trigger a response in column 2. The examples are generally applicable throughout the State and for most situations. But, for any specific project or site, other examples and/or lower thresholds may be appropriate for a Potential Large Impact response, thus requiring evaluation in Part 3.

The impacts of each project, on each site, in each locality, will vary. Therefore, the examples are illustrative and have been offered as guidance. They do not constitute an exhaustive list of impacts and thresholds to answer each questions.

In identifying impacts, consider long term, short term and cumulative effects.

Instructions (Read Carefully)

- Answer each of the 20 questions in PART 2. Answer **Yes** if there will be any impact.
- Maybe** answers should be considered as **Yes** answers.
- If answering **Yes** to a question, then check the appropriate box (column 1 or 2) to indicate the potential size of the impact. If impact threshold equals or exceeds any example provided, check column 2. If impact will occur but threshold is lower than example, check column 1.
- Identifying that an impact will be potentially large (column 2) does not mean that it is also necessarily significant. Any large impact must be evaluated in PART 3 to determine significance. Identifying an impact in column 2 simply asks that it be looked at further.
- If reviewer has doubt about size of the impact, then consider the impact as potentially large and proceed to PART 3.
- If a potentially large impact checked in column 2 can be mitigated by change(s) in the project to a small to moderate impact, check the **Yes** box in column 3. A **No** response indicates that such a reduction is not possible. This must be explained in Part 3.

1 Small to Moderate Impact	2 Potential Large Impact	3 Can Impact Be Mitigated By Project Change	
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IMPACT ON LAND				
<b>1. Will the proposed action result in a physical change to the Project Site?</b>				
		<input type="checkbox"/> NO <input checked="" type="checkbox"/> YES		
<i>Examples that would apply to column 2:</i>				
	Any construction on slopes of 15% or greater, (15 foot rise per 100 foot length), or where the general slopes in the project area exceed 10%.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
	Construction on land where the depth to the water table is less than 3 feet.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
	Construction of paved parking area for 1,000 or more vehicles.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
	Construction on land where bedrock is exposed or generally within 3 feet of existing ground surface.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
X	Construction that will continue for more than 1 year or involve more than one phase or stage.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
	Excavation for mining purposes that would remove more than 1,000 tons of natural material (i.e. rock or soil) per year.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
	Construction or expansion of a sanitary landfill.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
	Construction in a designated floodway.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
	Other impacts: _____ _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No

1 Small to Moderate Impact	2 Potential Large Impact	3 Can Impact Be Mitigated By Project Change	
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**IMPACT ON LAND (continued)**

**2. Will there be an effect to any unique or unusual land forms found on the site? (i.e. cliffs, dunes, geological formations, etc.)** NO YES

Specific land forms: \_\_\_\_\_  
\_\_\_\_\_

**IMPACT ON WATER**

**3. Will proposed action affect any water body designated as protected? (Under Articles 15, 24, 25 of the Environmental Conservation Law, ECL)** NO YES

*Examples that would apply to column 2:*

Developable area of site contains a protected water body.   Yes No

Dredging more than 100 cubic yards of material from channel of a protected stream.   Yes No

Extension of utility distribution facilities through a protected water body.   Yes No

Construction in a designated freshwater or tidal wetland.   Yes No

Other impacts: \_\_\_\_\_  
\_\_\_\_\_   Yes No

**4. Will proposed action affect any non-protected existing or new body of water?** NO YES

*Examples that would apply to column 2:*

A 10% increase or decrease in the surface area of any body of water or more than a 10 acre increase or decrease.   Yes No

Construction of a body of water that exceeds 10 acres of surface area.   Yes No

Other impacts: \_\_\_\_\_  
\_\_\_\_\_   Yes No

**5. Will Proposed Action affect surface or groundwater quality or quantity?** NO YES

*Examples that would apply to column 2:*

Proposed Action will require a discharge permit.   Yes No

Proposed Action requires use of a source of water that does not have approval to serve proposed (project) action.   Yes No

Proposed Action requires water supply from wells with greater than 45 gallons per minute pumping capacity.   Yes No

Construction or operation causing any contamination of a water supply system.   Yes No

Proposed Action will adversely affect groundwater.   Yes No

		1 Small to Moderate Impact	2 Potential Large Impact	3 Can Impact Be Mitigated By Project Change	
<b>IMPACT ON WATER (continued)</b>					
	Liquid effluent will be conveyed off the site to facilities which presently do not exist or have inadequate capacity.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	Proposed Action would use water in excess of 20,000 gallons per day.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	Proposed Action will likely cause siltation or other discharge into an existing body of water to the extent that there will be an obvious visual contrast to natural conditions.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	Proposed Action will require the storage of petroleum or chemical products greater than 1,100 gallons.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	Proposed Action will allow residential uses in areas without water and/or sewer services.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	Proposed Action locates commercial and/or industrial uses which may require new or expansion of existing waste treatment and/or storage facilities.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	Other impacts: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<b>6. Will Proposed Action alter drainage flow or patterns, or surface water runoff?</b> <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES					
<i>Examples that would apply to column 2:</i>					
	Proposed Action would change flood water flows.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	Proposed Action may cause substantial erosion.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	Proposed Action is incompatible with existing drainage patterns.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	Proposed Action will allow development in a designated floodway.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	Other impacts: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<b>IMPACT ON AIR</b>					
<b>7. Will proposed action affect air quality?</b> <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES					
<i>Examples that would apply to column 2:</i>					
	Proposed Action will result in the incineration of more than 1 ton of refuse per hour.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	Emission rate of total contaminants will exceed 5 lbs per hour or a heat source producing more than 10 million BTU's per hour.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	Proposed action will allow an increase in the density of industrial development within existing industrial areas.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	Other impacts: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No

1 Small to Moderate Impact	2 Potential Large Impact	3 Can Impact Be Mitigated By Project Change	
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**IMPACT ON PLANTS AND ANIMALS**

**8. Will Proposed Action affect any threatened or endangered species?** NO YES

<i>Examples that would apply to column 2:</i>				
Reduction of one or more species listed on the New York or Federal list, using the site, over or near site or found on the site.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Removal of any portion of a critical or significant wildlife habitat.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Application of pesticide or herbicide more than twice a year, other than for agricultural purposes.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Other impacts: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No

**9. Will Proposed Action substantially affect non-threatened or non-endangered species?** NO YES

<i>Examples that would apply to column 2:</i>				
Proposed Action would substantially interfere with any resident or migratory fish, shellfish or wildlife species.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Proposed Action requires the removal of more than 10 acres of mature forest (over 100 years of age) or other locally important vegetation.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Other impacts: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No

**IMPACT ON AGRICULTURAL LAND RESOURCES**

**10. Will the Proposed Action affect agricultural land resources?** NO YES

<i>Examples that would apply to column 2:</i>				
The Proposed Action would sever, cross or limit access to agricultural land (includes cropland, hayfields, pasture, vineyard, orchard, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Construction activity would excavate or compact the soil profile of agricultural land.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
The Proposed Action would irreversibly convert more than 10 acres of agricultural land or, if located in an Agricultural District, more than 2.5 acres of agricultural land.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
The Proposed Action would disrupt or prevent installation of agricultural land management systems (e.g. subsurface drain lines, outlet ditches, strip cropping); or create a need for such measures (e.g. cause a farm field to drain poorly due to increased runoff).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Other impacts: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No

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**IMPACT ON AESTHETIC RESOURCES**

<b>11. Will Proposed Action affect aesthetic resources?</b> <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				
<i>Examples that would apply to column 2:</i>				
Proposed land uses, or project components obviously different from or in sharp contrast to current surrounding land use patterns, whether man-made or natural.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Proposed land uses, or project components visible to users of aesthetic resources which will eliminate or significantly reduce their enjoyment of the aesthetic qualities of that resource.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Project components that will result in the elimination or significant screening of scenic views known to be important to the area.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Other impacts: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No

**IMPACT ON HISTORIC AND ARCHAEOLOGICAL RESOURCES**

<b>12. Will proposed Action impact any site or structure of historic, prehistoric or paleontological importance?</b> <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				
<i>Examples that would apply to column 2:</i>				
Proposed Action occurring wholly or partially within or substantially contiguous to any facility or site listed on the State or National Register of historic places.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Any impact to an archaeological site or fossil bed located within the project site.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Proposed Action will occur in an area designated as sensitive for archaeological sites on the NYS Site Inventory.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Other impacts: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No

**IMPACT ON OPEN SPACE AND RECREATION**

<b>13. Will Proposed Action affect the quantity or quality of existing or future open spaces or recreational opportunities?</b> <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				
<i>Examples that would apply to column 2:</i>				
The permanent foreclosure of a future recreational opportunity.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
A major reduction of an open space important to the community.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Other impacts: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No

<b>1</b> <b>Small to Moderate Impact</b>	<b>2</b> <b>Potential Large Impact</b>	<b>3</b> <b>Can Impact Be Mitigated By Project Change</b>
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**IMPACT ON CRITICAL ENVIRONMENTAL AREAS**

<b>14. Will Proposed Action impact the exceptional or unique characteristics of a critical environmental area (CEA) established pursuant to subdivision 6 NYCRR 617.14(g)?</b> <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES					
List the environmental characteristics that caused the designation of the CEA. _____ _____					
<i>Examples that would apply to column 2:</i>					
Proposed Action to locate within the CEA?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Proposed Action will result in a reduction in the quantity of the resource?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Proposed Action will result in a reduction in the quality of the resource?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Proposed Action will impact the use, function or enjoyment of the resource?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No

**IMPACT ON TRANSPORTATION**

<b>15. Will there be an effect to existing transportation systems?</b> <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES					
<i>Examples that would apply to column 2:</i>					
Alteration of present patterns of movement of people and/or goods.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Proposed Action will result in major traffic problems.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No

**IMPACT ON ENERGY**

<b>16. Will Proposed Action affect the community's sources of fuel or energy supply?</b> <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES					
<i>Examples that would apply to column 2:</i>					
Proposed Action will cause a greater than 5% increase in the use of any form of energy in the municipality.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Proposed Action will require the creation or extension of an energy transmission or supply system to serve more than 50 single or two family residences or to serve a major commercial or industrial use.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No

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**NOISE AND ODOR IMPACTS**

<b>17. Will there be objectionable odors, noise, or vibration as a result of the Proposed Action?</b> <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES					
<i>Examples that would apply to column 2:</i>					
Blasting within 1,500 feet of a hospital, school or other sensitive facility.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Odors will occur routinely (more than one hour per day).		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Proposed Action will produce operating noise exceeding the local ambient noise levels for noise outside of structures		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Proposed Action will remove natural barriers that would act as a noise screen.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No

**IMPACT ON PUBLIC HEALTH**

<b>18. Will Proposed Action affect public health and safety ?</b> <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES					
<i>Examples that would apply to column 2:</i>					
Proposed Action may cause a risk of explosion or release of hazardous substances (i.e. oil, pesticides, chemicals, radiation, etc.) in the event of accident or upset conditions, or there may be a chronic low level discharge or emission.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Proposed Action may result in the burial of "hazardous wastes" in any form (i.e. toxic, poisonous, highly reactive, radioactive, irritating, infectious, etc.).		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Storage facilities for one million or more gallons of liquified natural gas or other flammable liquids.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Proposed action may result in the excavation or other disturbance within 2,000 feet of a site used for the disposal of solid or hazardous waste.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No

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<b>IMPACT ON GROWTH AND CHARACTER OF COMMUNITY OR NEIGHBORHOOD</b>					
<b>19. Will Proposed Action affect the character of the existing community?</b> <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES					
<i>Examples that would apply to column 2:</i>					
	The permanent population of the city, town or village in which the project is located is likely to grow by more than 5%.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	The municipal budget for capital expenditures or operating services will increase by more than 5% per year as a result of this project.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	Proposed Action will conflict with officially adopted plans or goals.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
X	Proposed Action will cause a change in the density of land use.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	Proposed Action will replace or eliminate existing facilities, structures or areas of historic importance to the community.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
X	Development will create a demand for additional community services (e.g. schools, police and fire, etc.)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	Proposed Action will set an important precedent for future projects.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
X	Proposed Action will create or eliminate employment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	Other impacts: _____ _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<b>20. Is there, or is there likely to be, public controversy related to potential adverse environmental impacts?</b> <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES					