

**ARTICLE I
ENVIRONMENTAL ASSESSMENT**

SECTION 10.91 ENVIRONMENTAL ASSESSMENT

(a) **Format.**

The environmental assessment required by Sections 10.32 and 10.43(B) of this Ordinance shall generally follow the format herein:

This assessment shall be prepared for review, if possible, at the pre-application conference. The information sought will assist the Plan Commission and Town Board in determining the suitability of the land for development as required by Section 10.22 of this Ordinance. All "yes" answers must be explained in detail by attaching maps and supporting documents describing the impact of the proposed development.

	<u>Yes</u>	<u>No</u>
1. <u>Land Resources</u>		
Does the project site involve:		
a. Changes in relief and drainage patterns (attach a topographic map showing, at a minimum, two foot contour levels)	_____	_____
b. Slopes of 12% or greater? (identify on map)	_____	_____
c. Slopes of 20% or greater? (identify on map)	_____	_____
d. A landform or topographic feature of local or regional interest	_____	_____
e. A floodplain (if yes, attach two copies of a typical stream valley cross-section showing the channel of the stream, the 100 year floodplain limits and the floodway limits [if officially adopted, of each side of the channel and a cross- section of area to be developed)	_____	_____
f. An area shown on Map 6 of the Comprehensive Plan as having "Soils with Building Limitations	_____	_____

- g. An area of bedrock within 6 feet of the soil surface _____
- h. An area with the groundwater table within 10 feet of the soil surface _____
- i. An area with fractured bedrock within 10 feet of the soil surface _____
- j. A drainageway of 50 or more acres of land _____
- k. Lot coverage of more than 50% impermeable surfaces _____
- l. Group I or II agricultural land per Map 3 of the Town's Comprehensive Plan or more detailed sources _____
- k. Wetlands and Marshes _____
- n. Mapped environmental corridors per Map 6 of the of the Town's Comprehensive Plan or more detailed sources _____
- o. Hydric soils per Map 6 of the Town's Comprehensive Plan or more detailed sources _____
- p. Soils with severe limitations for conventional on-site waste disposal systems per Map 8 of the Town's Comprehensive Plan or more detailed sources _____
- q. Soils with low or very low potential for dwellings with basements, per the Columbia County Soil Survey _____

2. **Water Resources**

Does the proposed project have:

- a. An area traversed by a navigable stream or dry run _____
- b. The potential to increase the flow by 10% to a storm water storage facility or increase the flow of a waterway within one mile _____

- c. The use of septic tank-soil absorption fields for on-site waste disposal _____
 - d. The potential to lower the water table by pumping or drainage _____
 - e. The potential to raise the water table by altered drainage patterns _____
 - f. Lake frontage _____
3. **Biological Resources**
- Does the project site involve:
- a. Critical habitat for plants and animals of community interest _____
 - b. Endangered, unusual or rare species of:
 - 1) Land animals _____
 - 2) Birds _____
 - 3) Plants _____
 - c. Trees and shrubs of greater than 3" DBH; if yes, identify species present and approximate numbers and sizes _____
 - d. A "woodland" as defined in Section 10.11 of the Land Division and Subdivision Code _____
 - e. Removal or potential damage to the current trees, shrubs, vines, grasses and other non-noxious plants; if yes, provide aerial photos and/or vegetation surveys to document extent of potential damage and indicate if the woodland clearance threshold of 20% per Section 10.245 will be exceeded _____

4. **Human and Scientific Interest**

Does the project site involve:

- a. An area of archaeological interest _____
- b. An area of geological interest _____
- c. An area of hydrological interest _____
- d. An area of historical interest _____
 - 1) Historic building or monuments _____
 - 2) Building or monuments of unique architecture _____
- e. An area of identified community recreational use _____

5. **Energy, Transportation and Communications**

- a. Does the development increase the traffic flow in any collector system by more than 10% _____
- b. Is the development traversed by an existing or planned utility corridor? (gas, electricity, water sewer interceptor, communications, storm sewer) _____

6. **Population**

- a. Does the development increase by more than 10% the school population of any school serving the development? _____

7. Comments on any of the above which may have a significant environmental impact.

8. Appendices and supporting material, including in all cases the Columbia County Soil Survey Map for the area as prepared by the United States Department of Agriculture, Natural Resources Conservation Service.