

	CRITERIA Does the project:	IMPACT		DESCRIPTION OF ENVIRONMENTAL IMPACT
		YES	NO	
I.	USE OF NATURAL RESOURCES			
	This set of criteria is concerned with the accessibility of nonrenewable natural resources such as land, mineral, and fuels, which are constantly renewed but in which short-term or local shortages might occur.			
(1)	change traditional use of the land parcel (by rezoning, etc.)?			
(2)	alter use of other land by related development of stores, roads, or site changes?			
(a)	generate new stores?			
(b)	cause new roads?			
(c)	cause new parking?			
(3)	use land for purposes unsuitable to its physical characteristics?			
(4)	include the use of wetlands (swamps, marshes, etc.)?			
(5)	include construction in a floodplain?			
(6)	include the use of significant agricultural lands?			
(7)	block access to known mineral deposits?			
(8)	increase fuel and mineral consumption in state by more than 1% annually?			
(9)	decrease the volume of water in a lake, river, water table, reservoir, etc.?			
(10)	change traditional use of a body of water?			
(11)	divert from local and state land use planning?			

II.	POLLUTION			
	<p>This set of criteria is concerned with the processes which generate pollution. These include the introduction of pollutants into the environment, changes in the flow of energy through the environment, and changes in the composition of environments through the augmentation or deletion of substances which are naturally present. The criteria are also directly concerned with the production and one-time use of materials and the proper disposal of wastes.</p>			
	CRITERIA	IMPACT		DESCRIPTION OF ENVIRONMENTAL IMPACT
	Does the project:	YES	NO	
(1)	increase identifiable air pollution levels from a new emission source or from existing sources?			
(2)	increase identifiable ambient air pollution levels through a major increase in the number of or use of automobiles, trucks, etc.?			
(3)	exceed city or state health standards for exhausts from fume hoods?			
(4)	involve:			
(a)	dredging or swamp drainage?			
(b)	construction of a waste treatment plant?			
(c)	discharge of untreated human waste directly into a lake, river, etc.?			
(5)	overload existing waste treatment plants due to new loads (volume, chemicals, toxicity, etc.)?			
(6)	cause soil erosion (after completion of construction phase) or leaching of foreign substances (such as salt) into the soil?			
(7)	allow seepage of contaminants into the water table?			
(8)	increase the stress placed upon an identified earthquake fault?			

II. POLLUTION - (Continued)				
	CRITERIA Does the project:	IMPACT		DESCRIPTION OF ENVIRONMENTAL IMPACT
		YES	NO	
(9)	create an identifiable change in aquatic life by discharge of hot water?			
(10)	decrease the percolation on over one acre of land?			NIH will adhere to the Erosion and Sediment Control Guidelines and Stormwater Management Guidelines issued by the Maryland Department of the Environment.
(11)	cause storm water runoff onto the land owned by others?			
(12)	produce noises considered offensive to a human population, i.e., over 55 decibels (dB) A-weighted L_{dn} - day/night average sound levels with a 10-dB penalty applied to nighttime (10 p.m. to 7 a.m.) activities at the property boundary? produce cumulative adverse noise effects in conjunction with existing noise sources?			
(13)	create sounds which result in changes in behavior patterns of animals and/or humans (high/low noise frequencies)?			
(14)	introduce new sources of hazardous/toxic wastes			
(15)	introduce new sources of radiation?			
(16)	cause shock waves and/or vibration (after construction phase)?			
(17)	change the direction and wind velocity as to affect the local population (i.e., high-rise building)?			
(18)	cause a new, large volume of production of non-recycled items?			

II. POLLUTION - (Continued)				
	CRITERIA	IMPACT		DESCRIPTION OF ENVIRONMENTAL IMPACT
	Does the project:	YES	NO	
(19)	result in the non-recycling of recyclable items such as laboratory glassware, animal cages and office paper?			
(20)	generate solid wastes which cannot be properly disposed of by existing facilities?			
(21)	dispose of solid wastes in polluting landfills, wells, caves, etc.?			
(22)	require storage of wastes pending technology for safe disposal?			
(23)	fail to comply with Federal, State and local requirements for waste handling, transportation or disposal methods?			

III.	POPULATIONS This section of the criteria addresses changes in human, animal, and plant populations.	NOTE: In this part of the criteria, the affected area is defined as being greater than 160 acres in size.		
	CRITERIA	IMPACT		DESCRIPTION OF ENVIRONMENTAL IMPACT
	Will the action cause:	YES	NO	
(1)	a 5% change in the density of the local population?			
(2)	health, education and/or welfare services to be altered?			
(3)	social service needs to change by altering populations's age pattern (new schools, etc.)?			
(4)	a change in the transient population by 5%?			
(5)	a scientific alteration (genetic engineering) of the structure of genetic material in a living organism directed at human or other populations?			
(6)	local, state or federal standards pertaining to population densities or conservation of plants and animals to be violated?			

IV.	HUMAN SERVICES		NOTE: In this part of the criteria, the affected area is defined as being less than 160 acres in size.		
	As society has evolved, traditional self-sufficient human communities have given way to dense populations which are dependent upon the development and application of technology. Man's highly complex, technological environments are maintained by a variety of services, ranging from the provision of the basic necessities of food and water to a complex system of economic exchange. These services are largely interdependent and their complexities must be considered.				
	CRITERIA		IMPACT		DESCRIPTION OF ENVIRONMENTAL IMPACT
	Could the action disrupt:		YES	NO	
(1)	food supplies for 48 hours?				
(2)	water supplies for over 48 hours?				
(3)	electrical power for 48 hours?				
(4)	heating supplies (natural gas, heating oil) for over 48 hours?				
(5)	or deprive population of housing for over 48 hours?				
(6)	removal of sewage for more than 12 hours?				
(7)	removal of solid waste (trash) for more than seven (7) days?				
(8)	existing health service response in case of a disaster?				
(9)	mail, radio, telegraph, telephone, or television service for over two (2) weeks?				
(10)	transit service for more than two (2) weeks?				

IV.	HUMAN SERVICES - (Continued)			
	CRITERIA	IMPACT		DESCRIPTION OF ENVIRONMENTAL IMPACT
	Does the action use more than 5% of:	YES	NO	
(1)	remaining electrical capacity?			
(2)	remaining water?			
(3)	available capacity of the sewage treatment system (branch lines, mains, plants)?			
(4)	available capacity of trash disposal system (collection, incinerator plant, landfill)?			
(5)	available heating fuel (gas, coal, or heating oil)?			
	Does action decrease:			
(1)	food delivery system by removal of retail food stores, etc., by 5%?			
(2)	area's domestic housing by demolition, closing, etc., by 5%?			
(3)	use of existing transit systems (bus, train, etc.) by more than 5%?			
(4)	accessibility to routine health services by altering point of service delivery?			
	Will action:			
(1)	increase the patient load of the area's routine health care services by more than 5%?			
(2)	change the availability of social services by opening or closing facilities?			

IV.	HUMAN SERVICES - (Continued)			
	CRITERIA	IMPACT		DESCRIPTION OF ENVIRONMENTAL IMPACT
	Will the action:	YES	NO	
(3)	increase or decrease the number of social services recipients by more than 5% (by unemployment)?			
(4)	increase the annual volume of telephone, telegraph, or mail by more than 5%?			
(5)	eliminate employment sources for 10% of the population?			
(6)	change school enrollment by more than 5%?			

V.	HUMAN VALUES			
	The fifth set of criteria is directed toward human values concerning the quality of the environment which are generally agreed upon to the extent that they are stated in statutes or regulations.			
	CRITERIA	IMPACT		DESCRIPTION OF ENVIRONMENTAL IMPACT
	Will the action:	YES	NO	
(1)	encroach upon any historical, architectural, or archaeological cultural property?			
(2)	affect any endangered species?			
(3)	violate local, state, or federal standards on aesthetics, odor, or noise?			

V.	HUMAN VALUES - (Continued)				
	CRITERIA		IMPACT		DESCRIPTION OF ENVIRONMENTAL IMPACT
	Will the action:	YES	NO		
(4)	use criteria, methods, or practices that would discriminate on the basis of race, color, religion, gender, national origin, age, disability, or sexual orientation?				
(5)	effect the environmental, human health, economic and/or social status of minority and/or low-income communities?				
(6)	exclude the opportunity for the public, including minority communities and low-income communities, to have adequate access to public information relating to human health or environmental planning, regulations, and enforcement pursuant to the Freedom of Information Act, the Sunshine Act, and the Emergency Planning and Community Right-to-Know Act?				
(7)	preclude the affected communities access to meetings, crucial documents and notices and opportunities for input during the planning process to identify potential effects and mitigation measures?				