

Checklist 13
Requirements for Environmental Assessment Reports

- _____ 1. Project Description. A description of the development, specifying, in the form of maps, drawings, graphs or other visual aids and also by narrative, what is to be done and how it is to be done during and after construction of the development, including information and technical data adequate to permit a careful assessment of the environmental impact of the development.

- _____ 2. Discuss the Proposed Project and its Conformity with:
 - _____ Middle Township Master Plan
 - _____ Middle Township Zoning Ordinance and Subdivision & Land & Site Plan Review
 - _____ Cape May County Comprehensive Plan
 - _____ Master Plans of adjacent municipalities (if within 200 feet)

- _____ 3. Existing Conditions. Provide information to assess current site conditions including:
 - _____ Geology. Describe and assess the geologic formations, confining layers, etc., including surficial deposits.
 - _____ Soils. The site location should be outlined on a copy of the Cape May County Soil Survey map. A description of the soil characteristics should be provided.
 - _____ Surface waters. Identify and describe all surface water features on the subject site including downstream receiving water bodies.
 - _____ Subsurface water. Describe subsurface water conditions on the site in terms of aquifers present, depth to ground water and water supply capabilities. If the area for development is proposed for "water supply wells", provide the name of the aquifer to be utilized. For major subdivisions and site plans, provide information on existing wells within five hundred (500) feet of the site, from existing sources such as the NJDEP and/or the Cape May County Health Department relative to depth, capacity, water quality and recharge capabilities.
 - _____ Topography and existing development features. Provide map showing the topographic contours on the site on the site and a minimum of one hundred (100) feet surrounding the site.
 - _____ Wetlands and State open waters. Freshwater wetlands, transition areas and State open waters must be delineated and certified pursuant to the Freshwater Wetlands Protection Act Rules (N.J.A.C. 7:7A). The delineation report and plan shall be submitted as part of the Environmental Assessment Report and the preliminary application.
 - _____ Floodplains. Floodplains shall be identified on the site plan. The New Jersey Department of Environmental Protection, Bureau of Flood Plain Management, must approve construction within the one hundred (100) year floodplain.
 - _____ Vegetation. Describe the existing vegetation on the site. A map shall be prepared showing the location of major vegetative groupings such as woodlands, open fields and wetlands. Where woodlands are delineated, the forest types shall be indicated. The dominant vegetation on the site shall be listed by genus and species.
 - _____ Wildlife. Prepare an inventory of all wildlife species, which may utilize the subject site, including terrestrial and aquatic vertebrates and avian species. This inventory shall identify all such species, which were encountered through onsite investigations. All habitats on-site, which are unique to

Middle Township or the Cape May County region, shall be identified. All habitats, which are critical in the maintenance of wildlife, shall also be identified.

- _____ Endangered or threatened species. Identify any endangered or threatened species (plant or animal) protected by the State or Federal government which may utilize any portion of the site. The NJDEP Landscape Project Endangered Species Habitat Ranks 3, 4, and 5 files and the NJDEP Natural Heritage Program Priority Sites files shall be inventoried for the property. A description of the type of habitat utilized by any species identified within the limits described above shall be provided, as well as the identification of such habitat, which is found on-site.
- _____ Air quality. Provide the most recent quantitative air quality data from the nearest State sampling station.
- _____ Noise. Describe the existing noise conditions at and affecting the site including sources.
- _____ Cultural, historical and archaeological resources. Identify, describe and map any identified cultural, historical or archaeological resources.
- _____ 4. Land Use. Describe existing land uses on and within five hundred (500) feet of the site.
- _____ 5. Construction Impacts. Provide an assessment of both the adverse and positive impacts during and after construction for the following conditions.
 - _____ Soil erosion and sedimentation resulting from surface runoff.
 - _____ Flooding and flood plain disruption.
 - _____ Degradation of surface water quality.
 - _____ Ground water pollution.
 - _____ Reduction of ground water capabilities.
 - _____ Sewage disposal.
 - _____ Solid waste disposal.
 - _____ Destruction of vegetative communities.
 - _____ Disruption of wildlife habitats particularly protected species.
 - _____ Air quality degradation.
 - _____ Noise Levels.
 - _____ Energy utilization.
 - _____ Wetland impacts.
- _____ 6. Environmental Performance Controls. Provide a description of steps to be taken to minimize adverse environmental impacts during construction and operation, both at the project site and in the surrounding region.
- _____ 7. Commitment of Resources. Provide a statement concerning any irreversible and irretrievable commitment of resources which would be involved in the proposed project and a statement concerning steps which could be taken which might avoid some or all of the adverse environmental effects.

- _____ 8. Unavoidable Impacts. Provide a listing and evaluation of adverse environmental impacts which cannot be avoided, with particular emphasis upon air or water pollution, increase in noise, damage to natural resources, displacement of people and businesses, displacement of existing farms, increase in sedimentation and siltation. Describe community impacts including tax revenues and affect on local services. Off-site impacts shall also be set forth and evaluated.
- _____ 9. Other Required Approvals. Provide an inclusive listing of all licenses, permits and approvals required by Federal, State, County or municipal law. The status or copies of these permits and approvals shall also be included.
- _____ 10. References (Attach to report)
- _____ 11. Provide signed report including name of preparer(s), title, date, and resume of preparer.

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