

15A NCAC 13B .0565 APPLICATION REQUIREMENTS FOR LAND CLEARING/INERT DEBRIS (LCID) LANDFILLS

Five sets of plans, maps, and reports shall be required with each application. The seal of a professional engineer is required when submitting plans for a Land Clearing and Inert Debris (LCID) landfill.

- (1) The following information is required in order to review and approve the siting of a Land Clearing and Inert Debris (LCID) landfill:
 - (a) An approval letter from the unit of local government having zoning authority over the area where the facility is to be located stating that the site meets all of the requirements of the local zoning ordinance, or that the site is not zoned.
 - (b) Location on a county road map.
 - (c) Information showing that the bottom elevation of the waste shall be four feet above the seasonal high water table. Seasonal high water table elevations shall be obtained from on site test borings, test pits, or from other geological or water table investigations, studies, or reports from the immediate area of the proposed facility.
 - (d) A written report indicating that the facility shall comply with all the requirements set forth under Rule .0564 of this Section.
 - (e) A copy of the deed or other legal description of the site that would be sufficient as a description in an instrument of conveyance, showing property owner's name.
 - (f) Any other information pertinent to the suitability of the proposed facility.
- (2) The following shall be provided on a map or aerial photograph with a scale of at least one inch equals four hundred feet showing the area within one-fourth mile of the site:
 - (a) Entire property or portion thereof owned or leased by the person providing the disposal site.
 - (b) Location of all homes, buildings, public or private utilities, roads, wells, watercourses, water or other impoundments, and any other applicable features or details.
 - (c) 100-year flood plain boundaries, if any.
 - (d) Wetland boundaries, if any.
 - (e) Historical or archaeological sites, if any.
 - (f) Park, scenic, or recreation area boundaries, if any.
- (3) Development and design plans and details, at a scale of at least one inch equals one hundred feet with one inch equals forty feet preferred, and specifications containing the following information shall be submitted with the application for a proposed Land Clearing and Inert Debris (LCID) landfill:
 - (a) Property or site boundary, fully dimensioned with bearings and distances, tied to North Carolina grid coordinates where reasonably feasible.
 - (b) Easements and right-of-ways.
 - (c) Existing pertinent on site and adjacent structures such as houses, buildings, wells, roads and bridges, water and sewer utilities, septic fields, and storm drainage features.
 - (d) Proposed and existing roads, points of ingress and egress along with access control such as gates, fences, or berms.
 - (e) Buffer and set back lines along with the buffered boundary or feature.
 - (f) Springs, streams, creeks, rivers, ponds, and other waters and impoundments.
 - (g) Wetlands, if any.
 - (h) Boundary of the proposed waste area.
 - (i) Existing topography with contours at a minimum of five foot intervals. Where necessary, a smaller interval shall be utilized to clarify existing topographic conditions.
 - (j) Proposed excavation, grading, and final contours at a minimum of five foot intervals. Where necessary, a smaller interval shall be utilized to clarify proposed grading. Excavation, grading, and fill material side slopes shall not exceed three to one (3:1).
 - (k) Where on site borrow for operational and final cover is proposed, indicate the borrow excavation and grading plan with contours at a minimum of five foot intervals. Where necessary, a smaller interval shall be utilized to clarify proposed grading.
 - (l) Proposed surface water control features and devices such as slope drains, storm water pipes, inlets, culverts, and channels.
 - (m) Information showing that the project meets the requirements of 15A NCAC 4, Sedimentation Control Rules.

- (n) Location of test borings or test pits, if used to determine the seasonal high water table elevation, shall be shown on the plans.
- (o) A minimum of two cross-sections, one each along each major axis, per operational area showing:
 - (i) Original elevations.
 - (ii) Proposed excavation.
 - (iii) Proposed final elevations.
- (4) An operational plan addressing the requirements under Rule .0566 of this Section and containing the following information shall be submitted with the application for a proposed Land Clearing and Inert Debris (LCID) landfill:
 - (a) Name, address, and phone number of individual responsible for operation and maintenance of the facility.
 - (b) Projected use of the land after completion.
 - (c) Description of systematic usage of disposal area, operation, orderly development and closure of the landfill.
 - (d) Type, source, and quantity of waste to be accepted.
 - (e) An emergency contingency plan, including fire fighting procedures.

*History Note: Authority G.S. 130A-294;
Eff. January 4, 1993.*