

### **15A NCAC 13B .0505 OPERATIONAL REQUIREMENTS FOR SANITARY LANDFILLS**

Any person who maintains or operates a sanitary landfill site shall maintain and operate the site in conformance with the following practices, unless otherwise specified in the permit:

- (1) Plan and Permit Requirements
  - (a) Construction plans shall be approved and followed.
  - (b) Specified monitoring and reporting requirements shall be met.
- (2) Spreading and Compacting Requirements
  - (a) Solid waste shall be restricted into the smallest area feasible.
  - (b) Solid waste shall be compacted as densely as practical into cells.
- (3) Cover Requirements
  - (a) Solid waste shall be covered after each day of operation, with a compacted layer of at least six inches of suitable cover or as specified by the Division.
  - (b) Areas which will not have additional wastes placed on them for 12 months or more, but where final termination of disposal operations has not occurred, shall be covered with a minimum of one foot of intermediate cover.
  - (c) After final termination of disposal operations at the site or a major part thereof, or upon revocation of a permit, the area shall be covered with at least two feet of suitable compacted earth.
- (4) Erosion Control Requirements
  - (a) Adequate erosion control measures shall be practiced to prevent silt from leaving the site.
  - (b) Adequate erosion control measures shall be practiced to prevent excessive on-site erosion.
- (5) Drainage Control Requirements
  - (a) Surface water shall be diverted from the operational area.
  - (b) Surface water shall not be impounded over or in waste.
  - (c) Completed areas shall be adequately sloped to allow surface water runoff in a controlled manner.
- (6) Vegetation Requirements
  - (a) Within six months after final termination of disposal operations at the site or a major part thereof or upon revocation of a permit, the area shall be stabilized with native grasses.
  - (b) Temporary seeding will be utilized as necessary to stabilize the site.
- (7) Water Protection Requirements
  - (a) The separation distance of four feet between waste and water table shall be maintained unless otherwise specified by the Division in the permit.
  - (b) Solid waste shall not be disposed of in water.
  - (c) Leachate shall be contained on site or properly treated prior to discharge. An NPDES permit may be required prior to the discharge of leachate to surface waters.
- (8) Access and Security Requirements
  - (a) The site shall be adequately secured by means of gates, chains, berms, fences, and other security measures approved by the Division, to prevent unauthorized entry.
  - (b) An attendant shall be on duty at the site at all times while it is open for public use to ensure compliance with operational requirements.
  - (c) The access road to the site shall be of all-weather construction and maintained in good condition.
  - (d) Dust control measures shall be implemented where necessary.
- (9) Sign Requirements
  - (a) Signs providing information on dumping procedures, the hours during which the site is open for public use, the permit number and other pertinent information shall be posted at the site entrance.
  - (b) Signs shall be posted stating that no hazardous or liquid waste can be received without written permission from the Division.
  - (c) Traffic signs or markers shall be provided as necessary to promote an orderly traffic pattern to and from the discharge area and to maintain efficient operating conditions.
- (10) Safety Requirements
  - (a) Open burning of solid waste is prohibited.
  - (b) Equipment shall be provided to control accidental fires or arrangements shall be made with the local fire protection agency to immediately provide fire-fighting services when needed.
  - (c) Fires that occur at a sanitary landfill shall be reported to the Division within 24 hours and a written notification shall be submitted within 15 days.

- (d) The removal of solid waste from a sanitary landfill is prohibited unless the owner/operator approves and the removal is not performed on the working face.
  - (e) Barrels and drums shall not be disposed of unless they are empty and perforated sufficiently to ensure that no liquid or hazardous waste is contained therein.
- (11) Waste Acceptance and Disposal Requirements
- (a) A site shall only accept those solid wastes which it is permitted to receive. The landfill operator shall notify the Division within 24 hours of attempted disposal of any waste the landfill is not permitted to receive, including waste from outside the area the landfill is permitted to serve.
  - (b) No hazardous or liquid waste shall be accepted or disposed of in a sanitary landfill.
  - (c) Spoiled foods, animal carcasses, abattoir waste, hatchery waste, and other animal waste delivered to the disposal site shall be covered immediately.
  - (d) Asbestos waste that is packaged in accordance with 40 CFR 61, which is adopted by reference in accordance with G.S. 150B-14(c), may be disposed of separate and apart from other solid wastes at the bottom of the working face or in an area not contiguous with other disposal areas, in either case, in virgin soil. Separate areas shall be clearly marked so that asbestos is not exposed by future land-disturbing activities. The waste shall be covered immediately with soil in a manner that will not cause airborne conditions. Copies of 40 CFR 61 may be obtained and inspected at the Division.
  - (e) Wastewater treatment sludges may only be used as a soil conditioner and incorporated into the final two feet of cover. Sludges shall be examined for acceptance by Waste Determination procedures in Rule .0103(e) of this Subchapter.
- (12) Miscellaneous Requirements
- (a) Effective vector control measures shall be applied to control flies, rodents, and other insects or vermin when necessary.
  - (b) Appropriate methods such as fencing and diking shall be provided within the area to confine solid waste subject to be blown by the wind. At the conclusion of each day of operation, all windblown material resulting from the operation shall be collected and returned to the area by the owner or operator.

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