

# Class Two Landfill Operating Criteria

Per Regulation 61-107.19 Part IV, Class Two Landfills shall comply with the operational requirements specified in Section C of the regulation. The following is an extract of the operating criteria from the regulation:

1. Owners/operators of all Class Two landfills shall implement a program at the facility for detecting and preventing the disposal of regulated hazardous wastes as defined in R.61-79 Hazardous Waste Management Regulations, Part 261, polychlorinated biphenyls (PCB) wastes as defined in Resource Conservation and Recovery Act (RCRA), Part 761, and wastes not specifically allowed by the permit. This program shall include, at a minimum:
  - a. Inspections of all incoming loads when deposited and prior to compaction unless the permittee takes other steps to ensure that incoming loads do not contain regulated hazardous wastes, PCB wastes, or wastes not specifically allowed by the permit.
  - b. Records of unacceptable waste to include waste quantity and description and generator information;
  - c. Training of facility personnel to recognize wastes not specifically allowed by the permit, regulated hazardous waste and PCB wastes; and,
  - d. Notification of the Department within 72 hours if the operator suspects that a regulated hazardous waste or PCB waste has been discovered at the facility.
2. The Class Two landfill shall, prior to receipt of any waste materials that are not specifically listed in the permit application, submit for Department approval a characterization of the waste materials to determine the suitability for disposal in the landfill unless the Department grants an exemption for like materials.
3. Unless otherwise approved by the Department:
  - a. Unauthorized wastes shall be removed from the working face prior to cover or at the end of the working day, whichever occurs first, and placed into an appropriate container; and,
  - b. Unauthorized waste shall be removed from the site for proper disposal no less than every 30 days unless otherwise approved by the Department. Putrescible waste shall be removed from the working face, placed in a container, and removed from the site within 72-hours of receipt. The Department may require more frequent removal based on the nature or quantity of other unacceptable waste.
4. The unloading of solid waste intended for disposal in the landfill shall be restricted to the working face of the landfill. Unloading of the waste adjacent to the working face within the permitted boundaries of the landfill may be allowed for the purpose of screening the waste stream.
5. The working face of the landfill shall be confined to as small an area as the equipment can safely and efficiently operate. The slope shall not exceed 33%.
6. Solid waste shall be spread in uniform layers to the extent practical and compacted to its smallest practical volume.
7. A uniform compacted layer of clean earth cover or other suitable cover material acceptable to the Department, no less than six (6) inches in depth shall be placed over all exposed waste

material at least every 30 days, unless otherwise approved by the Department. The frequency of cover may be increased or decreased as determined by the Department. More frequent cover may be required by the Department based on the nature of the disposed materials and daily disposal rate in order to address landfill gas generation, odor, leachate formation or any environmental safety and health problems.

8. Open burning at landfills is prohibited.
9. The site shall be maintained and operated in a manner that protects the established water quality standards of the surface waters and ground waters.
10. Dust, odors, fire hazards, litter and vectors shall be effectively controlled so they do not constitute nuisances or hazards.
11. The landfill shall have an attendant on duty at all times the facility is open.
12. Sign Requirements. Signs shall be posted and maintained at the main entrance that:
  - a. Identify the owner, operator, or a contact person and telephone number in case of emergencies and the normal hours during which the landfill is open to receive waste;
  - b. State the types of waste that the landfill is permitted to receive; and,
  - c. Identify the valid SCDHEC Facility Identification Number.
13. Class Two landfills shall install and maintain scales capable of accurately determining the weight of incoming waste streams. Landfills that receive less than 10,000 tons/year are exempt from this requirements.
14. On-site landfills are exempt from Sections 11. 12. and 13. above.
15. Prior to accepting any materials containing asbestos for disposal at the landfill, the operator shall include in its landfill records a copy of the Permission for Disposal letter from the Department. The landfill shall retain these letters for a period of not less than three years and shall make them available to the Department upon request, if applicable.
16. Reporting Requirements.
  - a. Contingency Plan. Upon implementation of a contingency plan, the Department shall be notified immediately by telephone of actions taken. Written confirmation shall be sent to the Department within 72 hours.
  - b. Groundwater Monitoring. Reporting requirements as outlined in Subpart E. below.
  - c. Landfill Operation.
    - i. Landfills, with the exception of on-site landfills, shall maintain daily records of:
      1. The actual weight in tons of waste received; and,
      2. The particular grid location of the area currently being used for disposal of solid waste.
    - ii. Landfills shall submit in a format approved by the Department an annual report for the fiscal year beginning on July 1 and ending on June 30. This report shall be submitted to the Department on or before September 1, and shall include the information outlined below:
      1. The actual weight in tons of wastes received per month;
      2. The county of origin of the waste; and,

3. A description of the capacity of the landfill used in the previous fiscal year and the remaining permitted capacity. A yearly survey conducted by a S.C. certified land surveyor or engineer may be required by the Department on a case-by-case basis.
    - d. Any records required by this regulation for Class Two landfills shall be retained near the facility in an operating record, or in an alternative location approved by the Department, for a period of no less than three years.
17. Access to fire equipment and firefighting services shall be provided.
18. Procedures shall be established for maintaining conditions that are unfavorable for the habitation and production of insects, rodents and other pests.
19. A groundwater monitoring system shall be installed in accordance with Section E. below.
20. The landfill shall be adjacent to or have direct access to roads that are of all-weather construction and capable of withstanding anticipated load limits.
21. A gas monitoring system shall be designed and installed as required on a case-by-case basis to ensure that gas generated at the landfill will not create a hazard to health, safety, or property.