

N.J. (STATE) DEPARTMENT OF HEALTH.

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1957

STATE SANITARY CODE

CHAPTER VIII

REFUSE DISPOSAL

Established by the
Public Health Council
on May 13, 1957

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Regulation 1.

Dumps are hereby declared to be nuisances hazardous to human health.

Beginning July 1, 1958, disposal of organic and/or combustible matter on lands in this State shall be made only through use of:

- (a) Sanitary landfills established, conducted, operated and maintained in accordance with standards heretofore established by the State Department of Health

OR

- (b) Incinerators constructed, operated and maintained in accordance with standards heretofore established by the State Department of Health, and Code or Regulation of the New Jersey Air Pollution Control Commission, or other methods of disposal as may be permitted by Code or Regulation of that Commission.

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Regulation 2.

The provisions of this Code shall not be applicable to disposal of family garbage or family refuse on the premises where the family resides nor shall the provisions of this Code be interpreted as permitting disposal of domestic sewage in any manner other than that prescribed by law.

STANDARDS FOR THE DESIGN, OPERATION AND MAINTENANCE OF

Effective May 10, 1957

SANITARY LANDFILLS

Filed with Secy. of
State on May 8, 1957

1. Sanitary landfill means the controlled process of depositing refuse. Refuse is deposited, frequently in trenches dug specifically for that purpose, compacted thoroughly in layers of approximately one quarter of the original refuse volume and all exposed surfaces are completely covered at the end of each day's operation with at least six (6) inches of earth. When no further refuse is to be deposited, the final cover is twenty-four (24) inches of earth fill having such composition that it will support equipment and not shrink and crack open when dry. Equipment used is that which will properly perform the necessary digging, compacting and covering.
2. Sanitary landfills shall be planned by a properly qualified engineer and be operated and maintained by properly trained personnel. The location or site of a sanitary landfill should be chosen with the approval of the local board of health.
3. Sanitary landfills shall be designed, operated and maintained in such manner that:
 - (a) The face of the working fill is kept as narrow as is consistent with the proper operation of trucks and equipment in order that the area of waste material exposed during the operating day is minimal.
 - (b) All exposed surfaces, including the face of the fill, are covered with at least six (6) inches of earth at the close of each day's operation.
 - (c) Refuse is compacted into layers of approximately one-fourth of the original refuse volume.
 - (d) Bulky waste material which may furnish rat harborage is not used for the final surface or side slopes, but incorporated within the fill.
 - (e) The final earth covering for surface and side slopes is compacted and maintained at a depth of not less than twenty-four (24) inches.
 - (f) Cracks, depressions and erosion of the earth covering for surface and side slopes of fills are promptly repaired.
 - (g) The toe of finished fills having boundary side slope shall terminate in a ditch filled with sand and gravel or either.
 - (h) Surface water is properly drained, filled or treated with effective chemicals so as to prevent mosquito production and odors.
 - (i) Control over the scattering of papers and other light-weight materials is effected by the use of movable fencing.

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- (j) Dust control is effected as needed by spraying of the exposed waste material and adjacent surface.
 - (k) Scavengers, if permitted, are properly supervised.
 - (l) Equipment adequate for digging, compacting and covering is provided as needed.
 - (m) Sufficient standby equipment is readily available to prevent delay in covering due to breakdowns or peak loads.
 - (n) Adequate water and fire-fighting equipment is readily available to control any and all fires.
4. Landfills designed, operated and maintained in a manner other than prescribed in Items 2 and 3 hereof are permissible provided rodents or insects hazardous to public health do not exist or reproduce therein or thereon.

STANDARDS FOR DESIGN, OPERATION AND MAINTENANCE OF INCINERATORS

- 1. (a) Plans and specifications for incinerators shall be prepared by a properly qualified engineer.
- (b) Location or site of incinerators should be chosen with the approval of the local board of health.
- 2. Incinerators shall be designed, operated and maintained in such manner that smoke emitted therefrom into the open air shall not exceed a shade or appearance darker than No. 2 of the Ringelmann's Scale for grading the density of smoke published by the United States Department of the Interior, Bureau of Mines, or as may be permissible under code, rule or regulation of the Air Pollution Control Commission.

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