

In accordance with Section 34, of the Geauga County General Health District Regulations, paragraph 3, effective December 4, 1961, the following requirements shall pertain to the establishment, maintenance and operation of sanitary land-fills in the district:

1. GENERAL:

For the purpose of these requirements, Land-fills shall be interpreted to mean any site or location where the Sanitary Land-fill method is used or intended to be used for the disposal of rubbish, garbage, refuse, or other wastes on a public or commercial basis.

ITEM 1 - Definitions. The following definitions shall apply in the interpretation and enforcement of these requirements:

- A. **Refuse and Rubbish.** Shall mean and include all non-putrescible wastes and unwanted items which accompanies the use or occupancy of buildings and premises to be disposed of by the corporation, establishment or individual.
- B. **Garbage and Offal.** Shall mean and include all wastes of a putrescible nature produced in households, hotel and restaurant kitchens, also wastes of vegetables and/or animal origin from markets, groceries, and/or similar establishments.
- C. **Ashes.** Shall mean refuse material or residue left over from the burning of fuel in stoves, furnaces and the like.
- D. **Health Commissioner.** Shall mean the health commissioner of the Board of Health of Geauga County, Ohio, General Health District, or his legal representative.
- E. **Person** Shall mean person, firm, corporation, association, or agent.
- F. **Attendant.** Shall mean the full-time owner, operator or overseer of the land-fill.

11. PERMITS:

ITEM 1 - It shall be unlawful for any person to establish, maintain or operate a Sanitary Land-fill in the Geauga County, Ohio, General Health District, who does not possess an unrevoked permit from the Health Commissioner, and on whose premises such permit is not posted.

Fees for permit for Land-fills established and operated exclusively by a municipality or other political subdivision will be waived upon issuance of permit if all other conditions are met.

ITEM 2 - Application for Permit. Permits will be issued to applicants making written application and demonstrating to the health commissioner their compliance or willingness to comply with all sections of these provisions.

If deemed necessary, the application must be accompanied with a sketch or drawing to scale of the proposed site and surrounding area. The sketch shall show all pertinent information including the location of all nearby highways, streets, access roads, etc., and surrounding or nearby dwellings, businesses, establishments, etc. All water supply wells or sources, drainage streams, topography, etc., property sizes and distances must be indicated.

ITEM 3 - Issuance of Permit. Each application for permit will be considered as to compliance or practicability and necessary field visit and investigations made of the proposed site by the health commissioner. If found to comply in all instances, the application and recommendations will be presented to the Geauga County Board of Health at its next nearest regular meeting. If approved by the Board in majority, a permit for the operation will be issued for the current year on payment of a fee of fifty dollars (\$50.00). Permits must be renewed each successive year if operation is found to be satisfactory.

If application is not processed by the Board of Health within sixty (60) days of its filing, a permit will be automatically issued to the applicant upon demand, subject of course to compliance of other requirements. The Board retains the right to reject any or all permits on basis of merits.

ITEM 4 - Revoking of Permits. Such permits to operate a Land-fill may be suspended by the health commissioner, or revoked after an opportunity for hearing before the Board of Health, upon violation by the holder of any of the terms of these regulations and requirements.

Notices of violations of any item or section of these regulations will be given to the attendant in writing. Abatement of the nuisance or correction of the condition notified of must be made within the time designated by the health commissioner on the notice.

If two (2) notices covering the same violation are received by the attendant during any one period of thirty (30) days, the permit will be automatically suspended. If in the opinion of the health commissioner an excess number of written violations are issued against any one operation in any one calendar year, the renewal permit for the following year will be refused.

ITEM 5 - Placarding. Each Land-fill operation shall display at all times, in a conspicuous place, the permit for operation. In case of revokement or suspension, the permit must be removed or suitably covered.

ITEM 6 - Reinstatement of Revoked or Suspended Permits. Any Land-fill operation which has for any reason had its permit revoked or suspended, may at any time make application for reinspection for the reinstatement of the permit.

Within ten (10) days after receipt of a satisfactory application, accompanied by a statement signed by the applicant, to the effect that the violated items have been conformed with or unsatisfactory conditions corrected permanently, the health commissioner shall make an investigation and thereafter as many additional investigations of the site as he may deem necessary to assure himself that the applicant is again complying and will continue to comply with the sanitary requirements. In case the findings indicate compliance, he shall submit the application for reinstatement to the Board of Health at its next or nearest regular meeting. Approval or disapproval of the application will be considered by the Board at that time and the applicant notified in writing of its decision.

If found not to comply in entirety, the application will be refused. After a refusal, a new application will again have to be processed for reconsideration.

The refusal for renewal of a permit because of frequent or continued violations is permanent and will not be reviewed or re-established.

III. SANITARY REQUIREMENTS:

Item 1 - Location. It is understood that any site may be objected to by residents and officials of an area. Objections of this type will be considered by the Board of Health in its decisions on granting approval of permit. Reasonable or justified objections will be a factor in granting permits.

- A. It is the recommendation of the Health Department that whenever possible that the operation shall be so located as to be convenient and easily accessible and where practical, to be located in such an area as to improve land conditions, such as in waste land, strip mine areas, etc. Also that it be located in regard to possible isolation.
- B. In no instance shall the operation be located where it will endanger the health, comfort or safety of the public.
- C. No permanent disposal shall be conducted in a location nearer than 300 feet to any private or 500 feet to any public water supply well or other source of water supply.
- D. It shall not be located so that it will obstruct any natural drainage channel.
- E. No refuse, garbage or other putrescible wastes shall be deposited permanently nearer than 100 feet of any highway, public roadway or any property boundary unless written approval is received in advance from the health commissioner.
- F. There shall be sufficient cover material available to meet covering requirements at all times.
- G. Subsoil or cover material shall preferably be sandy loam or clay with gravel content. Rocky soil shall be avoided.
- H. Suitable access roads shall be available or satisfactorily provided for.
- I. Area shall be of sufficient size to satisfactorily accommodate extent of operation.
- J. High ground water levels shall be avoided.

ITEM 2 - Equipment.

- A. Equipment must be on site at all times capable of performing the required excavating, compacting and covering requirements necessary for the amount of material received. It is recommended that this equipment be in good repair and maintained in workable condition at all times. Extent of operation will determine the amount and kind of equipment necessary and must meet the approval of the health commissioner, and be subject to change in accordance with that necessary to provide satisfactory compliance in regard to operation.
- B. Standby equipment must be available in case of breakdown. If required, the operator must furnish in writing the availability of this equipment and is obligated to obtain same so that covering operation is completed by the end of day's operation.
- C. Fire control equipment shall be maintained in sufficient quantity to extinguish all fires that may occur, accidental or otherwise.

IV. OPERATION AND MAINTENANCE

ITEM 1 - Type of Operation. There are two (2) types of sanitary land-fill operations, namely, the "Area Method" and the "Trench Method", both of which are approved.

In general, the operations are similar, and in most instances general requirements apply to both methods.

ITEM 2 - Attendant. A competent attendant must be on the site during all hours the land-fill operation is open for use. The attendant will direct all operations such as place of dumping, type of material deposited, storage, covering, compacting, etc. He will be held responsible for the satisfactory and sanitary condition of the operation at all times.

ITEM 3 - Depositing of Material. All rubbish, garbage or other wastes shall be deposited directly to the fill area or trench in even, level layers, or deposited on the bank or surface above the fill area and bulldozed immediately into the fill area and compacted.

Trench areas or fill areas should be prepared in advance to the extent necessary to satisfactorily handle the day's operation.

ITEM 4 - Compacting. The layers of refuse deposited should not exceed that that can be easily and completely compacted. Compacted layers should be about 1 foot in depth, compacted refuse shall not be more than six (6) feet in depth before covering in area method. Four (4) foot layers recommended for trench method.

The face of the working fill should be kept as narrow as consistent with proper operation of trucks and equipment in order that the area of the waste material exposed during the operation day be minimal.

Waste building material, concrete or other bulky material should not be used for the final surface or side slopes but should be promptly incorporated within the main fill.

Other bulky material such as tree branches, bales of wire, large boxes or crates should be cut or broken up before placing in fill to be compacted.

Approximately 30 degree slopes should be maintained in surface of compacted material in area methods.

ITEM 5 - Covering.

- A. Sufficient dirt should be available at a convenient location that covering of compacted materials can be made immediately and with ease. Storing or stock piling of dirt will be required if deemed necessary by the health commissioner. Stock piling and protecting of dirt for winter operation is advisable.
- B. After compaction of wastes is complete, all exposed areas shall be covered as promptly as consistent with proper operation with a six(6) inch layer of clean compacted earth in case of area method where additional layers are to be built. This cover dirt shall be free of large rocks, stones or other bulky material. The covering shall be done in such a manner as to form a closed cell of each day's deposit.
- C. The final covering for surface and side slopes in area methods or trench methods shall be maintained at a depth of not less than 24 inches of compacted material.
- D. All wastes deposited must be compacted and covered at the end of each day's operation. Hours of operation should be adjusted to comply.

ITEM 6 - Miscellaneous:

Item 1 - Spraying. Spraying of exposed waste material and adjacent surfaces must be done when necessary to allay dust.

Item 2 - Control of blowing papers, etc., must be adequately maintained by use of movable snow fences or other suitable means.

Item 3 - Rodent and fly control program shall be maintained at all times and until fills are stabilized. After the active period of filling operations is completed, a maintenance program shall be continued to insure prompt repair of cracks, depressions and erosion of surface and side slopes.

Insecticidal methods must be used when necessary during fly and insect seasons.

Item 4 - Where necessary, effective steps must be taken to prevent floating of waste material into open water.

Item 5 - All collections of surface water, resulting from operation should be drained, filled or treated with effective chemicals so as to prevent mosquito production or allay odors.

Item 6 - Fencing. Site property lines must be fenced or otherwise protected and all entrances must be provided with a gate or barricade. These gates or barricades must be closed and secured when operation is closed or attendant is not on duty.

Item 7 - Burning. Burning of combustible material will not be permitted unless written permission is obtained from the health commissioner and then only upon presentation of evidences substantiating the necessity. Burning of any material that gives off obnoxious or disagreeable odors will not be condoned. Material containing garbage or putrescible wastes shall not be burned under any circumstances.

If permitted, burning shall be on weekdays between the hours of 8:00 A.M. and 1:00 P.M. Any fire, accidental or otherwise, burning after 2:00 P.M. must be extinguished within the hour. No burning will be permitted on, or attempted on, rainy or foggy days or days of high winds.

Brush, tree limbs, etc., may be burned at quoted times if permission is received in advance and burning is done at a distance removed from the active sanitary fill operations. A shallow ditch or pit area shall be used for this purpose. Smoke from burning must be kept at a minimum when permitted.

Item 8 - Salvage. Salvage is discouraged at all times. If salvage is practiced, it shall be only with the written permission of the health commissioner and shall not interfere at any time with the normal operation of the fill.

When permitted, it must be done before the final depositing of the wastes and shall not hold up compacting or other operations.

All salvage material shall be immediately removed from the site to the processing plant, or it may be stored in elevated bins on the site if properly maintained and protected. The salvage bins or material in same shall be removed from the site at least once each week, or as frequently as indicated by the health commissioner.

Item 9 - Abandoned Operations. If for any reason a sanitary land-fill operation or site is abandoned, closed, or its operations suspended indefinitely, the entire area must be leveled, compacted and covered with at least two (2) feet of compacted earth and otherwise put in shape by the original owner or operator. If the owner does not comply, it shall be ordered done and cost of same billed against the owner.

V. INSPECTION:

The county health commissioner shall make inspections of the site and operation procedures at least once each month or more often, if necessary. Copies of the inspection report and findings will be on file in the offices of the County Health Department.

The operation must be maintained so as not to constitute a nuisance at any time or to be considered as dangerous to the health of the general public.