

intent to close the facility so that alternative disposal options can be arranged.

(b) Signs shall be posted at all points of access to the facility at least 30 days prior to closure indicating the date of closure and alternative disposal facilities. Facilities which are operated by and serve only a single waste generator and are not open to the public are exempt from this provision.

(c) Notice of the upcoming closure shall be published in a local newspaper at least 30 days prior to closure and a copy of the notice shall be provided to the department within 10 days of the date of publication. Facilities which are operated by and serve only a single waste generator and are not open to the public are exempt from this provision.

(2) GENERAL REQUIREMENTS. Within 10 days after ceasing to accept waste, the owner or operator shall restrict access by the use of gates, fencing or other appropriate means to insure against further use of the facility. If the final use allows access, such access shall be restricted until closure has been completed and approved by the department.

(3) CLOSURE. Within 60 days after ceasing to accept waste, closure shall be accomplished in the following manner for facilities without a closure plan or plan of operation approved in writing by the department. Placement of final cover in accordance with s. NR 504.07 may be required if the department determines that this type of final cover system is necessary to prevent or abate attainment or exceedance of the groundwater standards contained in ch. NR 140.

(a) The entire area previously used for disposal purposes shall be covered with at least 2 feet of compacted earth sloped adequately to allow surface water runoff. A specific soil type may be required by the department for this 2-foot layer. The department may require the cover layer to be more than 2 feet thick.

(b) Surface water run-on shall be diverted around all areas used for waste disposal to limit the potential for erosion of the cover soils and increased infiltration. Drainage swales conveying surface water runoff over previous waste disposal areas shall be lined with a minimum thickness of 2 feet of clay.

(c) The final slopes of the facility shall be greater than 2%, but shall not exceed 3 horizontal to one vertical.

(d) The finished surface of the disposal area shall be covered with a minimum of 6 inches of topsoil.

(4) ESTABLISHMENT OF VEGETATION. Within 90 days after ceasing to accept waste, or if waste termination is after September 15, within 90 days after March 15 of the following year, the owner or operator shall complete seeding, fertilizing and mulching of the finished surface. The seed type and amount of fertilizer applied shall be selected depending on the type and quality of topsoil and compatibility with both native vegetation and the final use. Unless otherwise approved by the department in writing, seed mixtures and applications rates shall be in accordance with section 630, Wisconsin department of transportation standard specifications for road and bridge construction.

(5) **FINAL USE.** The following activities are prohibited at closed solid waste disposal facilities unless specifically approved by the department in writing:

- (a) Use of the facility for agricultural purposes.
- (b) Establishment or construction of any buildings.
- (c) Excavation of the final cover or any waste materials.

(6) **HAZARDOUS AIR CONTAMINANT CONTROL.** All solid waste disposal facilities which have a design capacity of greater than 500,000 cubic yards and have accepted municipal solid waste shall install a department approved system to efficiently collect and combust hazardous air contaminants emitted by the facility within 18 months of February 1, 1988 unless the owner can demonstrate that the performance criteria of s. NR 504.04 (4) (f) can be achieved without implementing such a system. Control techniques other than combustion may be approved by the department.

History: Cr. Register, January, 1988, No. 385, eff. 2-1-88.

NR 506.09 Waste characterization. (1) **GENERAL.** Only the waste types and sources listed in the plan of operation approval, wastes previously approved by the department in writing or otherwise allowed under this chapter may be accepted for disposal. Written requests for authorization to accept additional waste types shall be submitted to and approved by the department prior to disposal of such waste.

(2) **SUBMITTAL REQUIREMENTS.** Requests for authorization to accept additional waste types shall include the following information at a minimum:

- (a) Detailed physical and chemical characteristics including percent solids and the results of the paint filter test.
- (b) The volume of waste to be disposed of on a daily and yearly basis.
- (c) The source of the wastes and a description of the processes which generated the waste.
- (d) The duration of disposal.
- (e) Special handling and disposal procedures.
- (f) Based upon a preliminary review of the above information, the department may require additional information to determine the compatibility of the waste with the existing design and operation of the landfill.

Note: Landfill operators who wish to accept hazardous waste from small quantity generators subject to s. NR 181.13 (2) must obtain approval from the department under s. NR 181.13 (7).

History: Cr. Register, January, 1988, No. 385, eff. 2-1-88.

NR 506.10 Asbestos. No person may dispose of asbestos at a solid waste disposal facility except in conformance with the following minimum requirements:

(1) **FACILITY CRITERIA.** Only facilities meeting the following criteria may accept asbestos for disposal:

Register, January, 1988, No. 385

(a) The facility shall be a licensed and approved facility as defined in s. 144.441 (1) (a), Stats.

(b) Open burning shall not be conducted at the facility.

(c) The facility shall be approved by the department in writing to accept asbestos.

(2) **GENERAL REQUIREMENTS.** (a) Unless an alternative handling procedure is approved by the department, asbestos shall be disposed of at the base of the active working face. A specific disposal trench shall be excavated into existing refuse. Asbestos shall be placed into the excavated trench and shall immediately be covered with a minimum of 3 feet of waste or soil prior to compaction.

(b) The location of asbestos disposal areas may not coincide with previous asbestos disposal areas or proposed future landfill construction.

(c) All applicable safety measures required by chs. NR 400 to 499, and EPA and OSHA, specifically, those requirements dealing with the safety of personnel working with the asbestos, shall be followed.

History: Cr. Register, January, 1988, No. 385, eff. 2-1-88.

NR 506.11 Infectious waste. No person may accept infectious waste at a solid waste disposal facility unless the material has been incinerated in a controlled air, multi-chambered incinerator which provides complete combustion of the waste to carbonized or mineralized ash or has otherwise been treated, processed or handled by a generally accepted medical process so as to render the waste noninfectious.

History: Cr. Register, January, 1988, No. 385, eff. 2-1-88.

NR 506.12 Ultra low-level radioactive waste. No person may dispose of ultra low-level radioactive waste at a solid waste disposal facility except in accordance with the following minimum requirements:

(1) **FACILITY CRITERIA.** Only facilities meeting the following criteria may accept ultra low-level radioactive waste for disposal:

(a) The facility shall be a licensed and approved facility as defined in s. 144.441 (1) (a), Stats.

(b) The facility shall be approved by the department in writing to accept ultra low-level radioactive waste.

(2) **GENERAL REQUIREMENTS.** The following criteria also apply to facilities proposing to accept ultra low-level radioactive waste:

(a) Sludge wastes shall meet the requirements contained in s. NR 506.13 or 506.14, as appropriate.

(b) A plan shall be submitted which addresses the control of any radon gas which may be generated by the waste.

History: Cr. Register, January, 1988, No. 385, eff. 2-1-88.

NR 506.13 Free liquids wastes. (1) **SMALL QUANTITY EXEMPTION.** An owner or operator of a solid waste facility used for the disposal of municipal waste may accept waste containing free liquids amounting to no more than 55 gallons on a one-time basis provided that the material is tested and determined to be non-hazardous, the criteria contained in

sub. (2) (a) and (b) are complied with and the department is notified and provided with all testing information prior to disposal. The department may require additional information if deemed necessary.

(2) **MUNICIPAL SOLID WASTE DISPOSAL FACILITIES.** Solid waste facilities used for the disposal of municipal solid waste shall not accept waste containing free liquids unless the facility meets the criteria contained in s. NR 506.14 (2) (a) and (b), is in substantial compliance with the minimum design criteria specified in s. NR 504.05 and the material is specifically approved in writing by the department. The information specified in s. NR 506.14 (2) (d) shall be submitted when requesting an approval under this section.

(3) **OTHER FACILITIES.** An owner or operator of any nonmunicipal solid waste disposal facility may accept waste containing free liquids only in accordance with plans approved by the department in writing.

History: Cr. Register, January, 1988, No. 385, eff. 2-1-88.

NR 506.14 Non-free liquid solid wastes. (1) **SMALL QUANTITY EXEMPTION.** An owner or operator of a solid waste facility used for the disposal of municipal waste may accept sludge wastes amounting to less than 50 cubic yards per year per generator provided that the material is tested and determined to be non-hazardous, the criteria contained in sub. (2) (a) to (c) and are complied with and the department is notified and provided with all testing information prior to disposal. The department may require additional information if deemed necessary.

(2) **MUNICIPAL SOLID WASTE DISPOSAL FACILITIES.** An owner or operator of a solid waste facility used for the disposal of municipal solid waste shall not accept sludge wastes for disposal unless all of the following criteria are complied with:

(a) The facility shall be a licensed and approved facility under s. 144.441 (1) (a), Stats.

(b) The proposed facility shall be in compliance with all solid waste regulations and any plan of operation approval.

(c) The material has been tested and determined not to contain free liquids.

(d) A report shall be submitted to and approved by the department which addresses the physical and chemical characteristics of the waste including the percent solids; the weight and volume of material produced; the frequency of waste generation; the amount of additional liquid which would be added over a specified time frame; revised water balance and liner efficiency calculations to account for the additional liquids added; methods for handling the additional gas generation and any proposed changes to the groundwater, surface water, unsaturated zone or leachate monitoring programs.

(e) A quarterly report is submitted which documents the daily mixing ratios of each sludge waste to municipal waste on both a weight and volume basis and any operational problems.