

**7001.0620 PART B INFORMATION REQUIREMENTS FOR LANDFILLS.**

Except as otherwise provided by part 7045.0538, subpart 1, if the applicant proposes to dispose of hazardous waste in a landfill, the applicant shall furnish the information designated in items A to L in addition to the information required by part 7001.0560:

A. A list of the hazardous wastes placed or to be placed in each landfill or landfill cell.

B. Geologic and hydrogeologic information necessary to demonstrate compliance with part 7045.0538, subpart 2.

C. Detailed plans and an engineering report describing how the landfill is designed and is or will be constructed, operated, and maintained to meet the requirements of parts 7045.0461 and 7045.0538, subparts 3, 4a, and 5, addressing the following items:

(1) (a) The liner system, except for an existing portion of a landfill, if the landfill must meet the requirements of part 7045.0538, subpart 3, item A. If an exemption from the requirement for a liner is sought as provided by part 7045.0538, subpart 3, item K, submit detailed plans, and engineering and hydrogeological reports, as appropriate, describing alternate designs and operating practices that will, in conjunction with location aspects, prevent the migration of any hazardous constituents into the groundwater or surface water at any future time.

(b) The double liner and leak (leachate) detection, collection, and removal system, if the landfill must meet the requirements of part 7045.0538, subpart 3, item C. If an exemption from the requirements for double liners and a leak detection, collection, and removal system or alternative design is sought as provided by part 7045.0538, subpart 3, items M and N, submit appropriate information.

(c) If the leak detection system is located in a saturated zone, submit detailed plans and an engineering report explaining the leak detection system design and operation, and the location of the saturated zone in relation to the leak detection system.

(d) The construction quality assurance plan if required under part 7045.0461.

(e) Proposed action leakage rate, with rationale, if required under part 7045.0538, subpart 4a, and response action plan, if required under part 7045.0538, subpart 5.

(2) Control of run-on.

(3) Control of runoff.

(4) Management of collection and holding facilities associated with run-on and runoff control systems.

(5) Control of wind dispersal of particulate matter, where applicable.

(6) The phased development plan in accordance with the requirements of part 7045.0538, subpart 3, item I.

(7) Treatment and disposal of collected runoff and leachate.

D. A description of how each landfill, including the double liner system, leachate collection and removal system, leak detection system, cover system, and appurtenances for control of run-on and runoff, will be inspected in order to meet the requirements of part 7045.0538, subpart 5, items A, B, and C. This information must be included in the inspection plan submitted under part 7001.0560, item E.

E. Detailed plans and an engineering report describing the final cover which will be applied to each landfill or landfill cell at closure in accordance with part 7045.0538, subpart 7, item A, and a description of how each landfill will be maintained and monitored after closure in accordance with part 7045.0538, subpart 7, item B. This information must be included in the closure and post closure plans submitted under part 7001.0560, item L.

F. If ignitable or reactive wastes will be landfilled, an explanation of compliance with the requirements of part 7045.0538, subpart 8.

G. If incompatible wastes or incompatible wastes and materials will be landfilled, an explanation of compliance with part 7045.0538, subpart 9.

H. If bulk or noncontainerized liquid waste or waste containing free liquids were landfilled before May 8, 1985, and an explanation of compliance with the requirements of part 7045.0538, subpart 10 was submitted to EPA by Code of Federal Regulations, title 40, section 270.21(h), as amended, that explanation must also be submitted to the commissioner.

I. If containers of hazardous waste are to be landfilled, an explanation of compliance with the requirements of part 7045.0538, subpart 11 or 12, as applicable.

J. A waste management plan for hazardous waste F028 and treatment residues and soils contaminated with hazardous wastes F020, F021, F022, F023, F026, F027, and F028 listed under part 7045.0135, subpart 1a, item B, describing how a landfill is or will be designed, constructed, operated, and maintained to meet the requirements of part 7045.0538, subpart 13. This plan must address the following items as specified in part 7045.0538, subpart 13:

(1) the volume, physical, and chemical characteristics of the wastes, including their potential to migrate through soil or to volatilize or escape into the atmosphere;

(2) the attenuative properties of underlying and surrounding soils or other materials;

(3) the mobilizing properties of other materials codisposed with these wastes; and

(4) the effectiveness of additional treatment, design, or monitoring techniques.

K. Information reasonably ascertainable by the owner or operator on the potential for the public to be exposed to hazardous constituents through releases related to the unit. At a minimum, the information must address:

(1) reasonably foreseeable potential releases from both normal operations and accidents at the unit, including releases associated with transportation to or from the unit;

(2) the potential pathways of human exposure to hazardous wastes or constituents resulting from the releases described in subitem (1);

(3) the potential magnitude and nature of the human exposure resulting from the releases.

L. Owners or operators of a landfill who have already submitted a Part B application and were required to submit the exposure information required in item K to EPA by Code of Federal Regulations, title 40, section 270.10(j), as amended, must also submit that information to the commissioner.

**Statutory Authority:** *MS s 116.07; 116.37*

**History:** *8 SR 2276; 10 SR 1212; 11 SR 1832; L 1987 c 186 s 15; 18 SR 1565; 18 SR 1886; 20 SR 715; 33 SR 2042*

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