

7001.0600 PART B INFORMATION REQUIREMENTS FOR WASTE PILES.

Except as otherwise provided by part 7045.0534, subpart 1, if the applicant proposes to store or treat hazardous waste in waste piles, the applicant shall furnish the information required by items A to M in addition to the information required by part 7001.0560:

A. A list of hazardous wastes placed or to be placed in each waste pile.

B. If an exemption is sought to parts 7045.0534, subparts 2, items A and B, and 3; and 7045.0484 as provided by part 7045.0534, subpart 1, an explanation of compliance with part 7045.0534, subpart 1, items A to D or detailed plans and an engineering report describing how the requirements of part 7045.0534, subpart 1, items A to D will be met.

C. Geologic and hydrogeologic information necessary to demonstrate compliance with part 7045.0534, subpart 2.

D. Detailed plans and an engineering report describing how the waste pile is designed and is or will be constructed, operated, and maintained to meet the requirements of parts 7045.0461 and 7045.0534, subparts 3, 4a, and 5a, addressing the following items:

(1) (a) The liner system, except for an existing portion of a waste pile, if the waste pile must meet the requirements of part 7045.0534, subpart 3, item A. If an exemption from the requirement for a liner is sought as provided by part 7045.0534, subpart 3, item K, the applicant must 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 waste pile must meet the requirements of part 7045.0534, 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 7045.0534, subpart 3, item D or E, the applicant must submit appropriate information.

(c) If the leak detection system is located in a saturated zone, the applicant must 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 7045.0534, subpart 4a, and response action plan, if required under part 7045.0534, subpart 5a.

(2) Control of run-on.

(3) Control of runoff.

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

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

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

E. If an exemption from part 7045.0484, subpart 12, item E, is sought as provided by part 7045.0534, subpart 4, detailed plans and an engineering report that describes compliance with part 7045.0534, subpart 4, item A.

F. If an exemption from part 7045.0484 is sought as provided by part 7045.0534, subpart 5, detailed plans and an engineering report that describes compliance with part 7045.0534, subpart 5, item A.

G. A description of how each waste pile, 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 7045.0534, subpart 6, items A, B, and C. This information must be included in the inspection plan submitted under part 7001.0560, item E. If an exemption is sought to part 7045.0484 under part 7045.0534, subpart 5, describe in the inspection plan how the inspection requirements comply with part 7045.0534, subpart 5, item A, subitem (2).

H. If treatment is carried out on or in the pile, details of the process and equipment used, and the nature and quality of the residuals.

I. If ignitable or reactive wastes are to be placed in a waste pile, an explanation of compliance with the requirements of part 7045.0534, subpart 8.

J. If incompatible wastes, or incompatible wastes and materials will be placed in a waste pile, an explanation of compliance with part 7045.0534, subpart 9.

K. A description of how hazardous waste residues and contaminated materials will be removed from the waste pile at closure, as required under part 7045.0534, subpart 7, item A. For any waste not to be removed from the waste pile upon closure, the owner or operator shall submit detailed plans and an engineering report describing compliance with part 7045.0534, subpart 7, items A and B. This information must be included in the closure plan and, where applicable, the post closure plan submitted under part 7001.0560, item L.

L. 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 waste pile that is not enclosed is or will be designed, constructed, operated, and maintained to meet the

requirements of part 7045.0534, subpart 10. This submission must address the following items as specified in part 7045.0534, subpart 10:

- (1) the volume, physical, and chemical characteristics of the wastes to be disposed in the waste pile, 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.

M. A description of how each waste pile, including the liners and appurtenances for control of run on and runoff will be inspected in order to meet the requirements of part 7045.0534, subpart 6. This information shall be included in the inspection plan required by part 7001.0560, item E.

Statutory Authority: *MS s 116.07; 116.37*

History: *8 SR 2276; 10 SR 1212; 11 SR 1832; 18 SR 1886; 33 SR 2042*

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