

**NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION ACT (EXCERPT)**  
**Act 451 of 1994**

**324.11710 Requirements to which permit subject.**

Sec. 11710. A site permit is subject to all of the following requirements:

- (a) The septage waste disposed of shall be applied uniformly at agronomic rates.
- (b) Not more than 1 person licensed under this part may use a site for the disposal of septage waste during any year.
- (c) Septage waste may be disposed of by land application only if the horizontal distance from the applied septage waste and the features listed in subparagraphs (i) to (ix) equals or exceeds the following isolation distances:

	<u>TYPE OF APPLICATION</u>	
	<u>SURFACE</u>	<u>INJECTION</u>
(i) Type I public water supply wells	2,000 feet	2,000 feet
(ii) Type IIa public water supply wells	2,000 feet	2,000 feet
(iii) Type IIb public water supply wells	800 feet	800 feet
(iv) Type III public water supply wells	800 feet	150 feet
(v) Private drinking water wells	800 feet	150 feet
(vi) Other water wells	800 feet	150 feet
(vii) Homes or commercial buildings	800 feet	150 feet
(viii) Surface water	500 feet	150 feet
(ix) Roads or property lines	200 feet	150 feet

(d) Septage waste disposed of by land application shall be disposed of either by surface application, subject to subdivision (g), or injection.

(e) If septage waste is applied to the surface of land, the slope of that land shall not exceed 6%. If septage waste is injected into land, the slope of that land shall not exceed 12%.

(f) Septage waste shall not be applied to land unless the water table is at least 30 inches below any applied septage waste.

(g) If septage waste is applied to the surface of the land, 1 of the following requirements is met:

(i) The septage waste shall be mechanically incorporated within 6 hours after application.

(ii) The septage waste shall have been treated to reduce pathogens prior to land disposal by aerobic or anaerobic digestion, lime stabilization, composting, air drying, or other process or method approved by the department and, if applied to fallow land, is mechanically incorporated within 48 hours after application, unless public access to the site is restricted for 12 months and no animals whose products are consumed by humans are allowed to graze on the site for at least 1 month following disposal.

(h) Septage waste shall be treated to reduce pathogens by composting, heat drying or treatment, thermophilic aerobic digestion, or other process or method approved by the department prior to disposal on lands where crops for direct human consumption are grown, if contact between the septage waste and the edible portion of the crop is possible.

(i) Vegetation shall be grown on a septage waste disposal site within 1 year after septage waste is disposed of on that site.

(j) Food establishment septage shall not be applied to land unless it has been combined with other septage waste in no greater than a 1 to 3 ratio and blended into a uniform mixture.

(k) The permittee shall not apply septage waste to a location on the site unless the permittee has conducted a soil fertility test of that location as described in section 11709 within 1 year before the date of the land application. The permittee shall not apply food establishment septage to a location on the site unless the permittee has conducted testing of soil in that location within 1 year before the date of application in accordance with requirements in 40 CFR 257.3 to 257.5 or a single test of mixed septage waste contained in a storage facility.

(l) Beginning 2 years after the effective date of the 2004 amendatory act that amended this section, before land application, domestic septage shall be screened through a screen of not greater than 1/2-inch mesh or through slats separated by a gap of not greater than 3/8 inch. Screenings shall be handled as solid waste under part 115. Instead of screening, the domestic septage may be processed through a sewage grinder designed to not pass solids larger than 1/2 inch in diameter.

**History:** 1994, Act 451, Eff. Mar. 30, 1995;—Am. 2004, Act 381, Imd. Eff. Oct. 12, 2004.

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