

567—102.107(455B) Permit. Prior to any land application of solid waste not exempted in 567—102.102(455B) or 567—102.106(455B), a solid waste management permit pursuant to 567—subrule 100.4(2) must be obtained by the waste generator.

102.107(1) Permit application. In lieu of the permit application requirements in 567—subrule 100.5(1), all permit applications for land application shall include:

- a. The name, address, email, and telephone number of:
 - (1) The permit applicant (generator of the waste).
 - (2) Official responsible for operation of the project.
 - (3) Agronomist affiliated with the project.
- b. Type, source, and expected volume or weight of waste to be handled per day, week, and year.
- c. Information on the source, quantity, and method of treatment of the waste prior to disposal.
- d. Chemical analyses showing compliance with 102.103(2) and any additional analysis that the department may require to adequately define the waste. Chemical analysis shall be done by a laboratory certified pursuant to 567—Chapter 83.
- e. A detailed description of the land application process to be used, including the method and rate of application, and information indicating how the operational requirements of 567—102.105(455B) will be met.
- f. A table of all application sites that includes the name of the site, legal description, county, acres eligible for land application, and the name of the landowner.
- g. For each land application site, the following:
 - (1) An aerial photograph of sufficient scale to show all homes, buildings, lakes, ponds, watercourses, wetlands, dry runs, roads, and other applicable details.
 - (2) A map or aerial photo showing all wells located within 500 feet of the site.
 - (3) A soil map.
 - (4) Water table levels of the site, including the frequency and duration of any expected high-water table or flooding.
 - (5) Proof of the applicant's ownership of the site or legal entitlement to use the site for the disposal of waste.
- h. Other information as required by the department.

102.107(2) Reporting requirements.

a. A permit holder shall have a certified professional agronomist perform an annual inspection of all sites utilized in the previous year to ensure soil properties and constituents being applied are suitable and will not exceed agronomic rates for the crop that will be produced the following summer. The agronomist will review soil test results to ensure that the application of the waste will not cause buildup of nutrients in the soil. The results of this inspection shall be submitted to the department's main office by April 1 each year.

b. A permit holder shall submit an annual report summarizing the records required in 102.105(8) "b" to the department's main office on a form provided by the department. The report will be for July through June and is due by October 1 of each year.

c. Sampling and analyses of the permitted waste shall be performed and submitted to the department according to a schedule stipulated in the permit. At a minimum, an analysis shall be submitted with each permit renewal.

102.107(3) Temporary storage.

a. The permit may allow for storage of stabilized sludge and solid waste at application sites subject to the following conditions:

- (1) Waste shall not be stored within 200 feet of an occupied residence nor within 500 feet of a well that is part of a public water supply, as defined in 567—subrule 40.2(1), or 200 feet of all other wells.
- (2) The waste shall not be stored on soils classified as sand, loamy sand, or silt on the USDA textural classification chart shown in 102.104(6).
- (3) Amount stored may not exceed the amount needed for the next application window for that site.
- (4) All material stored must be land applied the next application season.

(5) If weather or extenuating circumstances prevent application from taking place, the applicant must notify the department.

(6) Runoff shall be controlled at all times.

(7) Financial assurance in accordance with 567—102.108(455B) has been obtained.

b. The permit may allow for storage of stabilized sludge and solid waste at a consolidation point subject to the following conditions:

(1) Waste shall not be stored within 200 feet of an occupied residence nor within 500 feet of a well that is part of a public water supply, as defined in 567—subrule 40.2(1), or 200 feet of all other wells.

(2) The storage surface shall be made of asphalt, concrete, compacted granular aggregate, clay, or similar relatively impermeable material.

(3) All material stored must be land applied the next application season.

(4) If weather or extenuating circumstances prevent application from taking place, the applicant must notify the department.

(5) Runoff from the waste shall be controlled at all times.

(6) Financial assurance in accordance with 567—102.108(455B) has been obtained.

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