

**567—120.11(455B) Reporting and record-keeping requirements.**

**120.11(1) Reporting.** The following information shall be submitted to the department on a form provided by the department. All reporting submissions shall include the name, address, and telephone number of the landfarm and permit holder, as well as the permit number.

*a. Storage notification.* Multiuse and single-use landfarms shall submit the following information to the department and department field office with jurisdiction over the landfarm before receipt of the PCS for storage; however, at least 30 days' notification is encouraged. PCS storage information from an emergency cleanup supervised by the department pursuant to subrule 120.6(1), however, shall be reported within 7 days of the emergency cleanup.

- (1) The date the PCS is expected to be delivered for storage at the landfarm.
- (2) Where the PCS will be stored at the landfarm.
- (3) The spill number, UST registration number, and LUST number, as applicable.

*b. Land application notification.* Multiuse and single-use landfarms shall submit the following information to the department and department field office with jurisdiction over the landfarm before land application; however, at least 30 days' notification is encouraged. PCS information from an emergency cleanup supervised by the department pursuant to subrule 120.6(1), however, shall be reported within 7 days of the emergency cleanup.

- (1) The date the PCS is expected to be land applied.
- (2) Single-use landfarms shall submit an address, topographic map, soil map with key, and a map of the 100-year flood plain illustrating and labeling where the PCS is to be applied. Multiuse landfarms shall report the landfarm plot(s) to which the PCS is to be applied.
- (3) Application rate calculations pursuant to subrule 120.9(6).
- (4) The spill number, UST registration number, and LUST number, as applicable.

*c. PCS analysis and characterization.* Information on the analysis and characterization of the PCS pursuant to rule 567—120.6(455B) shall be submitted to the department before receipt of the PCS for storage or land application; however, at least 30 days' notification is encouraged. PCS analysis and characterization information from an emergency cleanup supervised by the department pursuant to subrule 120.6(1), however, shall be reported within 60 days of the emergency cleanup.

*d. Groundwater monitoring well results.* Multiuse landfarms shall annually test all groundwater monitoring wells as follows. A laboratory certified pursuant to 567—Chapter 83 for UST petroleum analyses shall test the samples. Test results for each well at a multiuse landfarm shall be submitted to the department by the first workday in January of each year.

(1) BTEX testing. The groundwater monitoring wells shall be tested for benzene, toluene, ethylbenzene, and xylene (BTEX). The BTEX analysis shall utilize the most recent version of Method OA-1 (GCMS), "Method for Determination of Volatile Petroleum Hydrocarbons (Gasoline)," University of Iowa Hygienic Laboratory.

(2) TEH-diesel and waste oil testing. The groundwater monitoring wells shall be tested for total extractable hydrocarbons (TEH-diesel and waste oil). The TEH-diesel and waste oil analyses shall utilize the most recent version of Method OA-2, "Extractable Petroleum Products (and Relatively Low Volatility Organic Compounds)," University of Iowa Hygienic Laboratory.

(3) MTBE testing. The groundwater monitoring wells shall be tested for MTBE unless prior analysis of PCS accepted for landfarming, pursuant to rule 567—135.15(455B), has shown that MTBE was not present in soil or groundwater of the source. A laboratory certified pursuant to 567—Chapter 83 for UST petroleum analyses shall test the samples. The analysis shall utilize one of the following methods:

1. The most recent version of Method OA-1 (GCMS), "Method for Determination of Volatile Petroleum Hydrocarbons (Gasoline)," University of Iowa Hygienic Laboratory.

2. U.S. Environmental Protection Agency (EPA) Method 8260B, SW-846, "Test Methods for Evaluating Solid Waste," Third Edition.

**120.11(2) Record keeping.** All landfarms shall maintain records of all information related to compliance with this chapter and the permit throughout the life of the landfarm and for three years

after landfarm closure pursuant to rule 567—120.12(455B). This information shall be available to the department upon request. Applicable information includes, but is not limited to, the following material.

- a.* Permit application information pursuant to rule 567—120.5(455B).
- b.* PCS analysis and characterization pursuant to rule 567—120.6(455B).
- c.* Site suitability information pursuant to rule 567—120.7(455B).
- d.* Specific design requirements pursuant to rule 567—120.8(455B).
- e.* Operations information pursuant to rule 567—120.9(455B); in particular, application rate calculations pursuant to 120.9(6).
- f.* ERRAP documents pursuant to rule 567—120.10(455B).
- g.* Reports submitted pursuant to subrule 120.11(1).
- h.* Closure information pursuant to rule 567—120.12(455B).