

**567—120.7(455B) Site exploration and suitability requirements for landfarms.** All landfarms shall meet the following site exploration and suitability requirements.

**120.7(1) Previous use.** If a site is to be used as a landfarm, then the landfarm applicator shall obtain written confirmation from the site owner of one of the following requirements:

*a.* That any other landfarm created in the past three years within 15 feet of the proposed landfarm plot has been closed pursuant to rule 567—120.12(455B).

*b.* That no area within 15 feet of the proposed landfarm plot has been used as a landfarm in the past three years.

**120.7(2) Wells.** PCS shall not be landfarmed or stored within 500 feet of a well that is being used or could be used for human or livestock consumption. The department may also exempt from this requirement extraction wells utilized as part of a remediation system. PCS shall not be landfarmed or stored within 500 feet of an agricultural drainage well.

**120.7(3) Sinkholes.** PCS shall not be landfarmed or stored within 500 feet of a sinkhole.

**120.7(4) Surface waters of the state.** PCS shall not be landfarmed or stored within 200 feet of a stream, lake, pond, wetland, or other surface water of the state. The department may waive the setback requirement for surface waters that have been constructed for pollution control purposes.

**120.7(5) Tile lines.** PCS shall not be landfarmed or stored within 200 feet of a tile line surface intake.

**120.7(6) Housing and sensitive populations.** PCS shall not be landfarmed or stored within 200 feet of an occupied residence, recreational area, child care facility, educational facility, or health care facility.

**120.7(7) Flood plains.** PCS shall not be landfarmed or stored within the 100-year flood plain.

**120.7(8) Slope.** PCS shall not be landfarmed or stored on slopes greater than 5 percent. This requirement may be satisfied by utilizing United States Department of Agriculture (USDA) soil maps.

**120.7(9) Soil properties for landfarm plot.** All soils in the landfarm plot of the landfarm shall comply with the following requirements:

*a. USDA textural soil classification.* Soils in the landfarm plot of landfarms shall be clay, sandy clay, sandy clay loam, sandy loam, silty clay, silt clay loam, clay loam, loam, or silt loam as classified by the USDA Textural Classification Chart for soils.

*b. Stones and debris.* Soils in the landfarm plot shall be free of stones and debris larger than 4 inches in diameter.

*c. Soil pH.* Soils in the landfarm plot shall have a pH greater than or equal to 6 and less than or equal to 9.

*d. Bedrock separation.* The landfarm plot shall have a minimum of 6 feet of soil over bedrock.

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