

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 the site is to be used as a single-use landfarm, then the single-use landfarm applicator shall obtain written confirmation from the site owner of one of the following requirements. This subrule shall not apply to land utilized as a landfarm prior to October 20, 2004.

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

b. That no area within 15 feet of the proposed operating area 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. Groundwater monitoring wells installed pursuant to paragraph 120.8(2)“c” are exempt from this requirement. 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) Groundwater elevations. Multiuse landfarms shall not landfarm PCS in soil that is within 5 feet of the high water table.

120.7(5) 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(6) Tile lines. PCS shall not be landfarmed or stored within 200 feet of a tile line surface intake. A multiuse landfarm shall not be located on land that has been tiled. The absence of tile lines shall be verified by written confirmation from the landowner and a visual inspection of the property.

120.7(7) 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(8) Flood plains. PCS shall not be landfarmed or stored within the 100-year flood plain.

120.7(9) 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(10) Soil properties for operating area. All soils in the operating area of the landfarm shall comply with the following requirements:

a. USDA textural soil classification.

(1) Multiuse landfarms. Soils in the operating area of multiuse landfarms shall be silty clay, silt clay loam, clay loam, loam, or silt loam as classified by the USDA Textural Classification Chart for soils.

(2) Single-use landfarms. Soils in the operating area of single-use 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 operating area shall be free of stones and debris larger than 4 inches in diameter.

c. Soil pH. Soils in the operating area shall have a pH greater than or equal to 6 and less than or equal to 9.

d. Bedrock separation. The operating area shall have a minimum of 6 feet of soil over bedrock.