**Section 811.321 Waste Placement**

a) Phasing of Operations

1) Waste disposal operations must move from the lowest portions of the unit to the highest portions. Except as provided in subsection (a)(2), the placement of waste must begin in the lowest part of the active face of the unit, located in the part of the facility most downgradient, with respect to groundwater flow.

2) The operator may dispose of wastes in areas other than those specified in subsection (a)(1) only under any of the following conditions:

A) Climatic conditions, such as wind and precipitation, are such that the placement of waste in the bottom of the unit would cause water pollution, litter or damage to any part of the liner;

B) The topography of the land surrounding the unit makes the procedure of subsection (a)(1) environmentally unsound, for example, because steep slopes surround the unit; or

C) When groundwater monitoring wells, constructed in accordance with the requirements of Section 811.319, are placed 50 feet, or less, downgradient from the filled portions of the unit.

b) Initial Waste Placement

1) Construction, compaction and earth moving equipment must be prohibited from operating directly on the leachate collection piping system until a minimum of five feet of waste has been mounded over the system.

2) Construction, compaction and earth moving equipment must be prohibited from operating directly on the leachate drainage blanket. Waste disposal operations must begin at the edge of the drainage layer by carefully pushing waste out over the drainage layer.

3) An initial layer of waste, a minimum of five feet thick, or, alternatively, a temporary protective layer of other material suitable to prevent the compacted earth liner from freezing, must be placed over the entire drainage blanket prior to the onset of weather conditions that may cause the compacted earth liner to freeze, except as provided in subsection (b)(4).

4) Waste must not be placed over areas that are subject to freezing conditions until the liner has been certified or recertified by the CQA officer designated pursuant to Section 811.502 and reconstructed (if necessary) to meet the requirements of Section 811.306.

(Source: Amended at 42 Ill. Reg. 21330, effective November 19, 2018)