

***** DRAFT – NOT FOR FILING *****

3745-511-650

Cap system protection layer.

- (A) The cap system protection layer shall conform to the requirements to meet the stability standards in rules 3745-511-40 and 3745-511-50 of the Administrative Code.
- (B) The thickness of the cap system protection layer shall be either of the following:
- (1) Not less than thirty-six inches for a facility located in Ashtabula, Cuyahoga, Erie, Fulton, Geauga, Lake, Lorain, Lucas, Ottawa, or Williams county.
 - (2) Not less than thirty inches for a facility located in an Ohio county other than those listed in paragraph (B)(1) of this rule.
- (C) The thickness of the cap system drainage layer may be used to satisfy the thickness requirement of the cap system protection layer specified in paragraph (B) of this rule.
- (D) The slope of the surface of the cap system protection layer shall conform to the following:
- (1) Have at least a 5.0 per cent slope in all areas other than where surface water control structures are located.
 - (2) Not exceed compaction equipment limitations.
 - (3) Not exceed maintenance equipment limitations.
 - (4) Have a maximum slope length between ditches that shall result in an erosion rate of not more than five tons per acre per year as calculated using the "Universal Soil Loss Equation," "Revised Universal Soil Loss Equation," or the "Water Erosion Prediction Project Model" as described in rule 3745-500-03 of the Administrative Code assuming disturbed soils and assuming the soil is highly susceptible to rill erosion.