

***** DRAFT – NOT FOR FILING *****

3745-512-645

Cap system geotextile filter layer.

(A) The cap system geotextile filter layer shall meet the following criteria:

- (1) Have an appropriate apparent opening size necessary to retain material in the cap protection layer overlying the geotextile filter.
- (2) Have an apparent opening size and either a porosity or percentage of open area available to resist clogging by material from the cap protection layer.
- (3) Have a minimum permittivity to ensure that the layer does not create a perched zone above the cap system drainage layer.
- (4) Be overlapped and sewn by the owner or operator to keep the geotextile in place during placement of overlying materials and be placed and secured in accordance with the manufacturer's specifications.

(B) Testing of the cap system geotextile filter layer shall be performed by the owner or operator in conformance with the following:

- (1) Pre-construction testing on representative samples to determine shear strength in accordance with rule 3745-512-10 of the Administrative Code.
- (2) Pre-construction testing on representative samples in accordance with rule 3745-512-15 of the Administrative Code.

(C) Certification of the cap system geotextile filter layer by the owner or operator shall include the following:

- (1) Record drawings showing the plan views, including the run-out if applicable, of the geotextile filter layer, as constructed.
- (2) Results of all testing and verification that the geotextile filter layer meets the standards in paragraph (A) of this rule and the specifications in the authorizing document.