

*** DRAFT – NOT FOR FILING ***

3745-512-441

Leachate collection system granular filter layer.

(A) The leachate collection system granular filter layer material shall maximize the flow of liquid moving through the granular filter layer and shall meet the following criteria:

(1) The permeability shall not be less than the permeability of the underlying drainage layer.

(2) Contain not more than five per cent carbonate content by weight using ASTM D3042, as described in rule 3745-500-03 of the Administrative Code, at a pH of 4.0.

(3) Have a uniformity coefficient less than 5.0.

(B) Testing of the material used for the leachate collection system granular 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 leachate collection system granular filter layer by the owner or operator shall include the following:

(1) Record drawings showing the location, including the run-out if applicable, and plan views with topographic representation of the basal and final elevations of the granular filter layer, as constructed.

(2) Results of all testing and verification that the granular filter layer meets the standards in paragraph (A) of this rule and the specifications in the authorizing document.