



ASTM D5101 - Filtration Compatibility of Soil-Geotextile Systems

Test Number _____ (One Form Per Configuration)

TRI Log # (If Assigned)

Client Company:

Project:

Contact:

Client Company:				PO		Please include on all shipped materials
Name	e-mail		Phone			
CC e-mails						

1 Geotextile Details

Source	<input type="checkbox"/> Production - Field	<input type="checkbox"/> Production - Manufacturer	<input type="checkbox"/> Representative - Manufacturer	<input type="checkbox"/> Other
Manufacturer				
Product				
Sample ID				

See COC / Test Request Form for Additional Geotextile Testing Assignments

2 Soil Details/Deposition

Client-Supplied Classification Data and/or Hydraulic Conductivity Data

- Silty Soil, Plasticity Index in the Vicinity of 5
Consider HCR (ASTM D5567) vs. Gradient Ratio
- Sandy Soil, Hydraulic Conductivity Less than 10-3 cm/s
Water Pluviation
- Sandy Soil, Hydraulic Conductivity Greater than 10-3 cm/s
Slurry Deposition
- Well Graded or Unstable Soils
Dry Placement
- Client-Specified or Other - See 4 Other Testing Notes/Requests

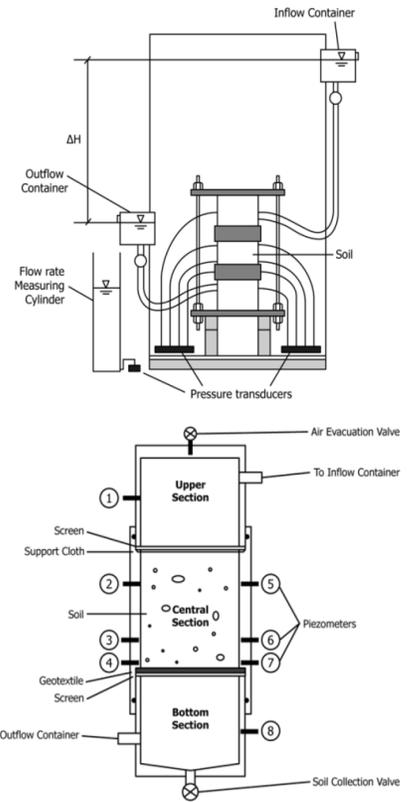
TRI Assigned Testing

- Particle Size Analysis with Hydrometer ASTM D422
- Atterberg Limit - ASTM D4318
- Fixed Wall Hydraulic Conductivity Testing - ASTM D2434
- See COC / Test Request Form for Additional Soil Testing Assignments

3 Target System Gradients

- Default - 1.0, 2.5, 5.0, 7.5, and 10.0
- Client-Specified

4 Other Testing Notes / Requests



Figures from ASTM D5101

Please provide at 5 gallons 50-65 lbs of material if TRI is performing gradient ratio and index testing. Please provide a minimum of 10 lbs of material if TRI is only performing gradient ratio testing. Please provide a 2 ft x 2 ft section of geotextile for sub-sampling. Please e-mail and include a copy of the test request form and accompanying COCs with the shipment.

Test Request Forms are Provided as a Means of Aiding in Efficient and Effective Communicating with Our Clients.

Your continued feedback is very welcome - jkuhn@tri-env.com