

Percolation Testing : DIY Assessment



Test Preparation

Excavate 3 test holes (A, B & C). Each test hole to be 1.0m x 1.0m Square by 0.6m Deep. Each test hole to be at least 5.0m from a boundary and at least 10.0m from each other.

In the bottom of each test hole dig out a small pit 300mm x 300mm Square by 300mm Deep.

Each small pit to be wetted up with water prior to testing. Pour a pail of water into the small pit and let it drain away fully. Pour a second pail of water into the small pit and again let it drain away fully. The small pits should now be sufficiently wet to enable the testing to begin. NOTE: For best results wet up the small pits the day before carrying out the tests.

NOTE: If the water does not drain away during the wetting up of the small pits then it is not worth carrying out the test procedure. If this is the case please call for further advice on other treatment options for your site.

Test Procedure

Pour water into each small pit to full depth i.e. 300mm. Let the water drop by 50mm and then record the time taken for the water to drop a further 150mm. Carry out a minimum of 3 runs per pit i.e. 9 runs in total. Record your results & site information in the tables below and return to us for further advice & recommendations. NOTE: You should only carry out the tests in dry weather.

Site Details			
Date of Testing			
Assessor & Contact Number	(your name & tel no)		
Site Name OR House Name			
Site Address & Postcode			
Development Proposals	(e.g. 1 x 3 bedroom house)		
Location of Testing	(e.g. in field to south of house)		
Fall of Land	(e.g. west to east)		
Vegetation of Site	(e.g. grassland)		
Proximity to Drinking Water Wells?			
Seepage of Water from Test Hole Walls?	HOLE A YES / NO	HOLE B YES / NO	HOLE C YES / NO

Soil Profile Description	use Test Hole A for your description		
Depth of Description	@ 150mm deep	@ 500mm deep	@ 750mm deep
Colour (choose from Brown / Orange / Grey)			
Structure (choose from Crumbly / Hard)			
Stones (choose from Yes / No and Gravel <1" / Boulders >1")			
Do all 3 test holes have roughly the same soil profile?	YES / NO		

Test Hole	Time for Water to Drain 150mm Depth		
	Run 1	Run 2	Run 3
A	mins	mins	mins
B	mins	mins	mins
C	mins	mins	mins

The following additional information will be very helpful if provided :

- A photo of the site
- A photo of each test hole
- Site plans of the house & land

Please return this form to:

Moir Environmental Ltd, 7 Alloway Place, Ayr KA7 2AA

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