

I, (name) Andrew James on behalf of (applicant) _____
 Have carried out percolation tests in accordance with the guidance provided with this form on (date) 26/04/22 in respect of premises at:
Gwenlas Farm, Llanbadarn Fynydd

Description of ground strata:
Soil + Clay/mudch

The overall depth of the test holes dug were: (state in metres/millimetres)

Test Hole 1	Test Hole 2
900mm	900mm

I confirm that the water table did not rise to within 1 metre of the invert of the proposed land Irrigation scheme.

The weather conditions on the day were: Dry
 The results of the percolation tests were: _____

Test Hole 1				Test Hole 2			
	Time in Seconds		V _p		Time in Seconds		V _p
Test 1	7575	+150	50.50	Test 1	7400	+150	49.33
Test 2	7500	+150	50.00	Test 2	7300	+150	48.66
Test 3	7450	+150	49.66	Test 3	7225	+150	48.16
Trial Hole 1 - Average V _p			50.05	Trial Hole 1 - Average V _p			48.71

Average V _p of Test Holes 1 & 2	$50.05 + 48.71 \div 2 =$	49.38
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Use this averaged V_p figure in the following formula $P \times V_p \times 0.25 = A$

Calculating the drainage field area							Key	
P	X	V _p	X	0.25	=	A		P = no of people served by the tank A = floor area of the drainage field (in square metres) V _p = Percolation Value TW = Trench width in metres L = length of the drainage field (in metres)
6	X	49.38	X	0.25	=	74.07	m ²	
Calculating the linear drainage field length								
A	÷	TW	=	L				
74.07	÷	0.600	=	123.45	m			

Signed: _____ Date: 27/04/22 Tel No: _____

Address: Gwenlas Farm, Llanbadarn Fynydd, Llandrindod Wells