

I, (name) SIMON OWEN on behalf of (applicant) DOUGLAS BARLEY

Have carried out percolation tests in accordance with the guidance provided with this form on (date) 14/04/21 in respect of premises at: CROWLWIM, STAYLITTLE

Description of ground strata:

Mixture of sand, gravel with boulders, clay at base, medium permeability

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

Test Hole 1	Test Hole 2
1 metre	1 metre

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, Overcast, 10°C

The results of the percolation tests were: successful

Test Hole 1				Test Hole 2			
	Time in Seconds		V_p		Time in Seconds		V_p
Test 1	7100	+150	47	Test 1	8700	+150	58
Test 2	8400	+150	56	Test 2	8900	+150	59
Test 3	9000	+150	60	Test 3	8900	+150	59
Trial Hole 1 - Average V_p			54.3	Trial Hole 2 - Average V_p			58.7

Average V_p of Test Holes 1 & 2	56.5
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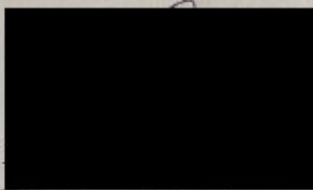
Use this averaged V_p figure in the following formula $P \times V_p \times 0.25 = A$

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 drain field (in square metres)
24	X	56.5	X	0.25	=	339 m ²	

Calculating the linear drainage field length

A	÷	TW	=	L	
339	÷	0.9	=	377	m

Signed:



Date: 14/04/21

Tel No:



Address:

SILVER BIRCHES, PEN-Y-GREEN ROAD, LLANIDLOES, SY18