

Percolation Tests - Results and Drainage Field Calculation Form

I, (name).....on behalf of (applicant).....
 have carried out percolation tests in accordance with the guidance provided
 with this form on (date).....in respect of premises at:

.....

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

| Trial Hole 1 | Trial Hole 2 |
|---------------------|---------------------|
| | |

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.....

The results of the percolation tests were:

| Trial Hole 1 | | | | Trial Hole 2 | | | |
|--|------------------------|------|-----------|----------------------------------|------------------------|------|-----------|
| | <i>Time in seconds</i> | | <i>Vp</i> | | <i>Time in seconds</i> | | <i>Vp</i> |
| <i>Test 1</i> | | ±150 | | <i>Test 1</i> | | ±150 | |
| <i>Test 2</i> | | ±150 | | <i>Test 2</i> | | ±150 | |
| <i>Test 3</i> | | ±150 | | <i>Test 3</i> | | ±150 | |
| <i>Trial Hole 1 - Average Vp</i> | | | | <i>Trial Hole 2 - Average Vp</i> | | | |
| Average Vp of Trial Holes 1 & 2 | | | | | | | |

Use this averaged Vp figure in the following formula $P \times Vp \times 0.25 = A_t$
 where

P = no of people served by the tank
 A_t = floor area of the drainage field in square metres)

$$P \quad \times \quad Vp \quad \times \quad 0.25 \quad = \quad A_t$$

$$..... \quad \times \quad \quad \times \quad 0.25 \quad = \quad \quad m^2 \text{ of drainage field.}$$

Assuming a 600mm wide drainage trench thenm² ÷ 0.6 =linear metres.

I am aware that I require a Consent to Discharge from the Environment Agency and this is attached / or has been requested (delete as appropriate).

Signed:.....

Address:.....

Date:

Telephone No.....

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