

Porosity Test Record

Proposed Drainage: Possible Request for Soak aways from hard standing/fixed buildings

Location/Site: P Berry Site, Stryt Y Bydden, Caego, Wrexham LL11 6TQ

Undertaken By: Gareth Clarke & David Sharp Date: 15th February & 16th February 2024

Weather Conditions: Dig Day: Light rain Test Day: Sunny

2 trial Holes to be dug at invert level. 300mm x 300mm x 300mm. Dill with water on Dig day and leave overnight.

Test 1:.. Trial hole 3 was filled. Natural drainage from 75% to 25% too: 48 minutes = 2880 secs

Test 2:.. trial Hole 3 was filled. Natural drainage from 75% to 25% took: 52 Minutes = 3120 Secs

Test 3:.. Trial hole 4 was filled. Natural drainage from 75% to 25% took: 33 minutes = 1980 secs

Average time taken for natural drainage from 75% to 25% (test 1+ test 2+ test 3 = ????) (???? ÷ 3 =)

$2880 + 3120 + 1980 = 7980 \div 3 = 2660 \div 150 = 17.73333$

Vp = 18Vp

The Vp of 18 vp falls within the scope of 12 to 100 therefore the ground is deemed suitable for drainage from the proposed: Rainwater run off Soak away.

I can confirm that the test was carried out as stated above and the results were recorded as accurately as possible.

Name: DAVID Sharp Signed: [Signature] Date: 16-2-24

Porosity Test Record

Proposed Drainage: STP Drainage Field & Designed Soak away For surface water run off.

Location/Site: P Berry Site, Stryt Y Bydden, Caego, Wrexham LL11 6TQ

Undertaken By: Gareth Clarke & David Sharp Date: 15th February & 16th February 2024

Weather Conditions: Dig Day: Light rain Test Day: Sunny

2 trial Holes to be dug at invert level. 300mm x 300mm x 300mm. Dill with water on Dig day and leave overnight.

Test 1:.. Trial hole 1 was filled. Natural drainage from 75% to 25% too: 39 Minutes = 2340 Secs

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Test 2:.. trial Hole 1 was filled. Natural drainage from 75% to 25% took: 41 Minutes = 2460 Secs

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Test 3:.. Trial hole 2 was filled. Natural drainage from 75% to 25% took: 36 Minutes = 2160 secs

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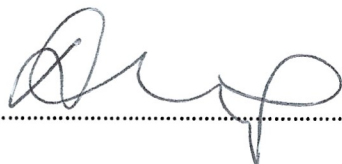
Average time taken for natural drainage from 75% to 25% (test 1+ test 2+ test 3 = ????) (???? ÷ 3 =)

$$2340 + 2460 + 2160 = 6960 \div 3 = 2320 \div 150 = 15.4666$$

Vp = 16Vp

The Vp of 16vp falls within the scope of 12 to 100 therefore the ground is deemed suitable for drainage from the proposed: 12 People x 16Vp x 0.20 = 38m Drainage field.

I can confirm that the test was carried out as stated above and the results were recorded as accurately as possible.

Name: DAVID Sharp Signed:  Date: 16-2-24