

-----Original Message-----

From: Simon Davis

Sent: 22 November 2017 12:18

To: Planning.Responses

Subject: FW: Y/51/17/DOC - Yapton Free Church

Further Drainage Engineers comments

Kind Regards

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-----Original Message-----

From: Paul Cann

Sent: 22 November 2017 11:09

To: [REDACTED]

Cc: Simon Davis

Subject: RE: Y/51/17/DOC - Yapton Free Church

Hi Reg

I note that you have only undertaken two tests. I have looked at the results. Test 1 gave a reasonable percolation rate, as you would expect.

Test 2; the first two reading times are incorrect but we can assume these are 1340 and 1345. The depth reading at 20.45 should also be 523mm. As insufficient readings were taken ie. readings need to be taken to achieve at least the 75% depth ie. 675mm, I have had to do a bit of interpolation. The calculation gave a much poorer percolation rate than those rates used in the original soakaway design.

If test 3 had been undertaken then it is likely that the rates would be poorer still.

Based upon these results, I would suggest that an engineer re-looks at the design. As the third test was not carried out, a safety factor (to be agreed) will need to be applied to the worst percolation rate.

As you are no longer using CEP, you could try somebody like Robert Clark Associates (01903 778945).

Hope this helps.

Regards

Paul Cann

Senior Engineer (Drainage & Coastal)

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