

Subject: RE: 8 Collins Close BN/16/21/HH

Date: 2021-04-28 09:28

From: Sarah Burrow <Sarah.Burrow@arun.gov.uk>

To: rob <rob@plan2buildsussex.co.uk>

Hi Rob,

I have had a look through the raw data for The Croft I can confirm that I am happy for you to not undertake winter groundwater monitoring. On that site groundwater has not been found within 2m below ground level (mbgl).

With regards to infiltration testing, I have numerous results for the site but no plan for them! Therefore if you do not want to wait until next year to do your own testing I will have to ask that you use the worst case infiltration rate for the calculations. There is a good chance that the infiltration rate will be better on your site, however, this is the necessary trade off when using alternative results to mitigate the risk.

The infiltration testing completed on the site tended to find that the infiltration rate improved at greater depths. As such we have ruled out shallow infiltration. Depending on the depth that you or your Drainage Engineer wish to install the soakaway will dictate which rate you should use. The worst rate at 1.24mbgl was 3.024×10^{-6} m/s (TP102) and the worst rate at 1.6mbgl was 6.570×10^{-6} m/s (TP107).

Please upload a copy of this e-mail with your Discharge of Conditions application as evidence that I have authorised the use of these results and that you will not need to undertake winter groundwater monitoring and winter infiltration testing (unless you want to try and see if you have an improved rate on your site). If you do not evidence this authorisation, there is a chance the application will be delayed by the consultee (myself or one of my colleagues) asking for results.

Kind Regards

Sarah Burrow

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Current working pattern: Monday 8am-2:30pm, Tuesday 8am-5:30pm,

Wednesday 8am-5pm, Thursday 8am-5:30pm, Friday 8am-11:30am.

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