

Sandra Edwards

From: Amanda Scholes on behalf of Planning.Responses
Sent: 18 July 2018 09:59
To: Planning Scanning
Subject: FW: Hares Dihatsu, Rustington

Follow Up Flag: Follow up
Flag Status: Flagged

From: Anita Gardner
Sent: 17 July 2018 16:33
To: Planning.Responses
Subject: FW: Hares Dihatsu, Rustington

Please treat as a consultee response

Anita Gardner | Principal Planner, Directorate of Place, [Arun District Council](http://www.arun.gov.uk) | Location: First Floor, Arun Civic Centre, Maltravers Road, Littlehampton, BN17 5LF

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From: Laura Gibbons
Sent: 17 July 2018 13:57
To: 'Chris Hendry'
Cc: Ziyad Thomas; Anita Gardner
Subject: RE: Hares Dihatsu, Rustington

Hi Chris,

March is within the time frame that we allow for infiltration testing and groundwater monitoring, April is not. This is set out in our guidance.

However, as stated within my consultation response further discussion and safety factors were required as March was after the peak of groundwater levels. Your statement below over simplifies the situation at this site.

You are also planning on discharging to a foul sewer. Which is what I want to remove, in line with Building Regulations and CIRIA I would like you to follow the hierarchy for surface water drainage disposal. You have not done this, and infiltration testing is required to show if it is possible to infiltrate more surface water. I asked if there were neighbouring sites to try to remove the need for this further testing. However, no sites are in true close proximity to the site.

The two sites that you have highlighted hint that infiltration for all surface water is achievable, but it seems likely it will need to be at a greater depth to get to more permeable layers. You will need to complete testing at the right depths in the winter to ascertain if this is indeed the case. I would recommend you contact me before you commence this to ensure it meets our requirements.

Regards,

Laura Gibbons, MEng, GMICE
Engineer (Drainage & Coastal)

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From: Chris Hendry [REDACTED]
Sent: 13 July 2018 13:07
To: Laura Gibbons
Cc: Ziyad Thomas
Subject: RE: Hares Dihatsu, Rustington

Hi Laura,

I have found another site, down the road on Station Road. This time the site is slightly to the East. Please find attached documents relating to drainage, including correspondence from yourself. I have added a screenshot of the location relative to our site.

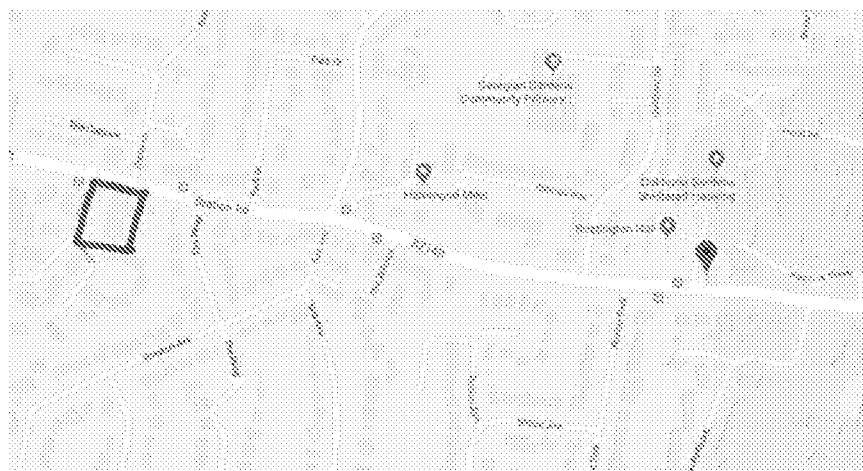
The topo levels are similar to our site and they are using 3m deep soakaways.

I note that their recoding of groundwater was in March as per your email, whereas ours was April. You have not requested further winter groundwater monitoring on this scheme and instead referred to safety factors, despite their proposal to use relatively deep soakaways. We are only using permeable paving at surface level rather than 3m deep soakaways, so I would hope that whatever safety factors they are allowed to use could be applied to our site as well.

Please can you consider the monitoring requirement in the light of this information plus the previous email I sent relating to the site to the West of ours.

Kind regards,

Chris



Chris Hendry MSc CEng MStructE
Director

[REDACTED]

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From: Laura Gibbons [REDACTED]
Sent: 05 July 2018 11:50
To: Chris Hendry [REDACTED]
Subject: RE: Hares Dihatsu, Rustington [Filed 10 Jul 2018 12:15]

Hi Chris,
The site you mention is quite a distance from your site.
We really need to see winter groundwater monitoring for your site, as detailed in the condition.
At what depth were the percolation tests conducted at?
Thanks,

Laura Gibbons, MEng, GMICE
Engineer (Drainage & Coastal)

Laura Gibbons | Engineer (Drainage & Coastal), Engineering Services, [Arun District Council](#) | Location: First Floor, Arun Civic Centre, Maltrovers Road, Littlehampton, BN17 5LF

[REDACTED]

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From: Chris Hendry [REDACTED]
Sent: 02 July 2018 15:08
To: Laura Gibbons
Subject: RE: Hares Dihatsu, Rustington

Hi Laura,

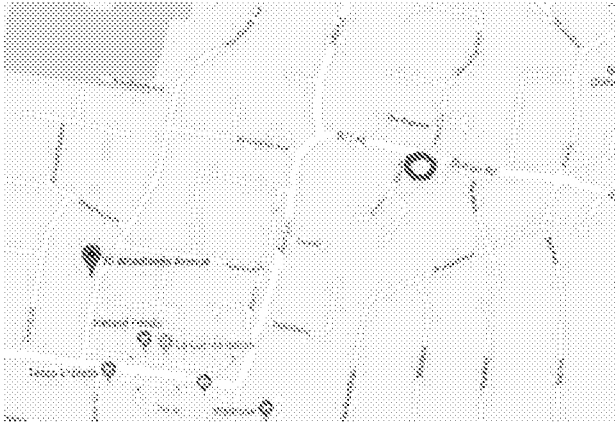
I have looked on the portal and found that there was a site relatively close by in Woodlands Avenue. Please see screen shot below – the pin is the other application and I have circled our site. The reference is as follows: R/115/18/DOC

This application used 2m deep buried soakaways and only found evidence of groundwater once during their monitoring visits– in late February as per the drainage drawing attached.

Our site is further from the sea and 2m higher in level, so would it be acceptable at this stage to assume that the groundwater will not rise so much as to render the permeable paving on our site ineffective? We are not using deep buried soakaways like the site in Woodlands so I would hope this could be viewed favourably.

Kind regards,

Chris



Chris Hendry MSc CEng MStructE

Director



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From: Laura Gibbons [REDACTED]
Sent: 29 June 2018 13:53
To: Chris Hendry [REDACTED]
Subject: RE: Hares Dihatsu, Rustington

Hi Chris,

The condition specifically states the requirement for these results to be supplied.

Percolation test results are required to prove the viability (or not as the case may be) of infiltration.

Winter groundwater monitoring is required when infiltration is to be used to ensure sufficient capacity is provided above the maximum winter groundwater level.

Thanks,

Laura Gibbons, MEng, GMICE
Engineer (Drainage & Coastal)

Laura Gibbons | Engineer (Drainage & Coastal), Engineering Services, Arun District Council | Location: First Floor, Arun Civic Centre, Maltravers Road, Littlehampton, BN17 5LF

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From: Chris Hendry [REDACTED]
Sent: 29 June 2018 13:17
To: Laura Gibbons
Subject: Hares Dihatsu, Rustington

Hi Laura,

We have received the attached request for additional information. I note the request for percolation testing results and winter groundwater monitoring.

The percolation test results took 8 days and so I didn't include these within the report as I assumed there were slightly irrelevant. Is this request specifically for the permeable paving check?

Winter groundwater monitoring was not provided in the SI report and the boreholes were done in spring. Groundwater was generally found to be at circa 4m in the chalk, though one result had it come up to about 2.5m. Are you concerned that this would rise so high that it renders the permeable paving inoperable?

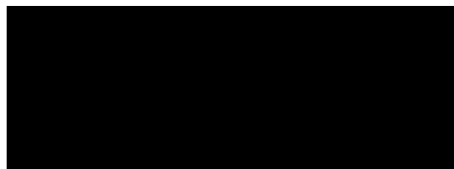
If you can clarify these then I'll prepare our response/information pack.

Kind regards,

Chris



Chris Hendry MSc CEng MStructE
Director



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