



Economy, Transport and Environment Department  
Elizabeth II Court West, The Castle  
Winchester, Hampshire SO23 8UD

Paul Basham Associates  
The Bothy  
Cams Hall Estate  
Fareham  
PO16 8UT

Tel: 0300 555 1375 (General Enquiries)  
0300 555 1388 (Roads and Transport)  
0300 555 1389 (Recycling Waste & Planning)  
Textphone 0300 555 1390  
Fax 01962 847055  
www.hants.gov.uk

Enquiries to	Sarah Reghif	My reference	PRE/2021/DER
Direct Line	0370 779 7497	Your reference	
Date	08/06/2021	Email	Swm.consultee@hants.gov.uk

Dear Rob Wilson,

**Re: Downend Road, Porchester**

As requested, we have undertaken a review of the information provided in advance of it being submitted to the local planning authority. We have reviewed it against the previous comments made in relation to this application (SWM/2020/0482), our general requirements and discussions held during our meeting dated 5 May 21.

In order to assist applicants in providing the correct information to their Local Planning Authority for planning permission, Hampshire County Council has set out the information it requires to provide a substantive response at <https://www.hants.gov.uk/landplanningandenvironment/environment/flooding/planning>

The County Council has reviewed the following documents relating to the above application:

- Drainage Technical Note ref: 091.5013/DTN/1

Clarification has been provided in relation to the infiltration testing previously queried. Testing has been undertaken during July and December thus providing some testing during winter months however this did not include 3 repetitions so there remains a risk that the infiltration rates would worsen under these conditions. As it stands, basins 6 and 7 can not achieve the 24hr ½ drain down time for the 1:100 although this has been achieved at the 1:30 + CC. This is considered acceptable although there is a risk with the some of the points highlighted below due to the minimal tolerances.

There are still concerns that the infiltration rates are optimistic with the sites that achieved the 3 repetitions being undertaken during summer months but

Director of Economy, Transport and Environment  
**Stuart Jarvis BSc DipTP FCIHT MRTPI**

given this is an outline with all matters reserved, we will accept additional testing to be undertaken by condition. We would recommend that this testing, particularly for the basins, is undertaken during winter months at the earliest opportunity.

We would also highlight that the calculations include infiltration through side and base but a FoS of 2. Either the BRE or Ciria methodology should be used.

No calculations appear to have been provided for Basin 3.

We would request that the railway line and the 20m offset be included on the drainage plans. This will be essential in understanding the constraints in terms of location for the infiltration basins.

Although I appreciate the level of detail provided with the flow arrow plans, this is extremely difficult to follow when reviewing information on screen so an 'overarching' or key plan would be useful.

It would also be useful to have the railway line clearly shown on the flow plans, even if it excludes level information, as this provides a substantial 'separation' between the development and the adjacent properties.

Based on the information provided and the later 2 points (calculations and provision of the railway line on the plans) being incorporated onto the planning submission, we are satisfied that conditions can be applied to address more detailed drainage elements.

This response has been provided using the best knowledge and information submitted as part of the planning application at the time of responding and is reliant on the accuracy of that information.

Yours faithfully,

A handwritten signature in black ink, appearing to be 'PP' followed by a stylized name.

Flood and Water Management Team  
Economy, Transport & Environment Department,  
Hampshire County Council, 1st Floor, EII Court West,  
The Castle, Winchester, Hampshire SO23 8UD  
Web: <http://www3.hants.gov.uk/flooding/watercourses.htm>