

Havant Borough Council
Development Control
Civic Offices
Civic Centre Road
Havant
Hampshire
PO9 2AX

Our ref: HA/2020/121974/02-L01
Your ref: APP/19/01226
Date: 27 January 2022

Dear Planning Team,

RE-CONSULTATION - CONSTRUCTION OF 44 DWELLINGS WITH ACCESS, OPEN SPACE, LANDSCAPING AND ASSOCIATED WORKS. LAND WEST OF COLDHARBOUR FARM ROAD, EMSWORTH

Thank you for re-consulting the Environment Agency on the above application, with regards to the submission of further details and hydraulic modelling.

We have reviewed the information as submitted and set out our position below.

Environment Agency Position

In the absence of an adequate Flood Risk Assessment (FRA) we object to the proposed development. The FRA is inadequate due to the insufficient hydraulic modelling and therefore unsuitable for its intended use. The applicant needs to refer to the reviews and address the comments in them.

The supplied model is not considered suitable for its intended use for the following reasons, which have resulted in 'Must Do' actions:

1. Hydrology Review_ Coldharbour Farm Road

There are a series of green, amber and red comments in this review to be addressed. The most significant comment relates to the use of WINFAP 3 as stated on page 7 of the Flood Estimation Record. WINFAP-FEH 3 was discontinued in November 2016 and given this analysis was undertaken in 2021, it is recommended to use WINFAP 4 or 5. It would be worthwhile to produce the flows using a later version of WINFAP as there were inherent issues with WINFAP 3.

1. Non-real time Hydraulic Model Review_ Coldharbour_Farm_25012022

Model not currently suitable for intended use. There are multiple areas of the modelling that need addressing before it can be considered suitable for intended use. For instance:

- Decision to build the model as 1D only, 2D only and then 1D-2D and how the channel and floodplain is represented in these
- Glasswalling at downstream extent of model where it's 1D only
- Inflows
- Not all structures represented and no spills around these in 1D or 2D
- Limited sensitivity testing, why no tests on flows or culvert blockage?

Other amber comments are also of concern and should be addressed along with green comments.

Please do not hesitate to contact me using the contact details shown below should you have any queries regarding the above information.

Yours faithfully

Mrs Sophie Brown
Sustainable Places Planning Advisor

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