

Sandra Edwards

From: Amanda Scholes on behalf of Planning.Responses
Sent: 24 May 2018 09:27
To: Planning Scanning
Subject: FW: Y/91/17/OUT

From: David Easton
Sent: 23 May 2018 10:58
To: Planning.Responses
Subject: FW: Y/91/17/OUT

Could the attached please be uploaded as an additional consultation response from Engineers (Drainage).

Many thanks,
David

From: Laura Gibbons
Sent: 17 May 2018 13:55
To: David Easton
Cc: Paul Cann
Subject: RE: Y/91/17/OUT

Hi David,

Additional comments relating to surface water drainage:

- We note that groundwater monitoring was conducted in late October. For a development of this size, we require monitoring to be completed from October through to March, i.e. the current monitoring results are insufficient.
- Discharge rates of $\times 10^{-6}$ are not poor enough to justify ruling out infiltration in the surface water drainage strategy. Infiltration is achievable at such a rate. Therefore, the overall strategy would need to be revised.
- A plan showing the locations of percolation test pits would also be required.
- We do not require 1m clearance between the base of any proposed infiltration structure and maximum recorded groundwater levels. Therefore, a maximum recorded groundwater level of 1.69m bgl is not too high to rule out the use of infiltration. Shallow infiltration structures can be used with maximum groundwater levels of 1m bgl.

Regards,

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

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