

16 September 2026



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Dear Sam,

**Re: DC/26/0266 - Thakeham Mushrooms, Storrington Road,
Thakeham, Pulborough, West Sussex RH20 3DY**

Response to LLFA Consultation Response

Further to the consultation response from West Sussex County Council Lead Local Flood Authority (15th June 2026 and 2nd September 2026), please find attached the requested Causeway Flow calculation. The updated calculations are also included within Appendix H2 of the most recent Flood Risk Assessment.

In response to the outstanding matters raised by the Lead Local Flood Authority, we provide the following clarification.

1. Downstream Connection

The LLFA requested confirmation of downstream connectivity and completion of survey works to demonstrate that the existing culvert and onward watercourse provide a suitable discharge route for the proposed development. The response also sought clarification regarding the retained section of 525mm diameter pipe upstream of the outfall.

In response, we can confirm that a survey is no longer required to demonstrate connectivity, as the drainage strategy has been revised to include a new connection between the proposed development and the existing watercourse. This arrangement is illustrated on Drawing No. 2505500-ACE-XX-XX-DR-C-101, contained within Appendix G of the submitted Flood Risk Assessment. Regarding the existing 525mm diameter pipe identified upstream of the outfall, this infrastructure will be abandoned as part of the proposals.

2. Exceedance Events

The LLFA requested that the hydraulic calculations be updated using a Cv value of 1.0, together with the provision of an exceedance depth and extents for the 1:100 plus climate change allowance

Updated hydraulic calculations have now been undertaken using a Cv value of 1.0. These calculations are enclosed with this submission and are included within Appendix H2 of the Flood Risk Assessment. Exceedance flow routing and containment arrangements are illustrated on Drawing No. 2505500-ACE-XX-XX-DR-C-105, contained within Appendix G of the Flood Risk Assessment.

Conclusion

In summary, we trust that the information provided satisfactorily addresses the remaining drainage matters raised by the LLFA.

Yours sincerely

John Ainsworth

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Associate

