

Application no: 22/00217/DISC

Location: Begbroke Science Park, Begbroke Hill, Begbroke, OX5 1PF

Lead Local Flood Authority

Recommendation:

Objection

Detailed comments:

Condition 16 states:

Development shall not begin until a surface water drainage scheme for the site or part if separate reserved matters are submitted, based on sustainable drainage principles and an assessment of the hydrological and hydro-geological context of the development, has been submitted to and approved in writing by the Local Planning Authority. The scheme shall subsequently be implemented in accordance with the approved details before the development is completed. The scheme shall also include:

- o Discharge Rates
Provide infiltration test results at the proposed SuDS locations.
- o Discharge Volumes
Provide calculations for the drainage infrastructure and SuDS features for all storm events plus 40% climate change.
- o SUDS (Soakaways)
Provide catchment plan. There is a soakaway proposed outside the site boundary, please clarify ownership of this land and whether the proposed soakaway is acceptable.
- o Maintenance and management of SUDS features (To include provision of a SuDS Management and Maintenance Plan)
Discharge according to document: BBSP-RAMB-ZZ-XX-RP-C-000002, P01
- o Infiltration in accordance with BRE365 (To include infiltration testing; seasonal monitoring and recording of groundwater levels)
Provide infiltration testing results and locations.
- o Detailed drainage layout with pipe numbers
Provide pipe numbers. Calculations should reflect the pipe references.
- o Network drainage calculations
Provide calculations for the drainage infrastructure and SuDS features for all storm events plus 40% climate change.
- o Phasing
Clarify the phasing, provide phasing plan if more than one phase.
- o Flood Flow Routing in exceedance conditions (To include provision of a flood exceedance route plan)
Discharged according to document: BBSP-RAMB-ZC-XX-DR-C-00106, P01

Reason - To ensure an acceptable drainage scheme is provided in relation to the proposed expansion and do ensure the proposals do not have a detrimental impact on the drainage systems currently in situ in the immediate locale.

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Officer's Title: LLFA Engineer
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