
From: Whittaker, Roberta (EXT)
Sent: 25 May 2022 13:27
To: Johnston, Christopher
Cc: Planning (SMDC)
Subject: SMD/2021/0491 - Land off Tenford Lane - LLFA Response (Rev 5)

Categories:

Hi Chris,

Further to our discussion I have enclosed our latest consultation response for SMD/2021/0491 – Land off Tenford Lane.

Staffordshire County Council Flood Risk Management Position

For avoidance of further doubt, the strategy presented is outline, and what we need to see is a final strategy commensurate with the requirements of [Appendix A](#) of the SuDS Handbook. As previously discussed, while we are happy to condition some finer details e.g. a finalised maintenance plan; in order to determine the layout, which is the purpose of this application, we need a finalised drainage layout which requires a detailed strategy. For example it is not acceptable at this stage to not have designs and dimensions for the infiltration basins as their size and locations will have a fundamental impact on the layout.

Please present a detailed drainage strategy for our review.

In general, any surface water drainage scheme should demonstrate, but not necessarily be limited to, the following:

- Surface water drainage system(s) designed in accordance with the Non-technical standards for sustainable drainage systems (DEFRA, March 2015).
- Provision of surface water runoff attenuation storage.
- Detailed design (plans, network details and calculations) in support of any surface water drainage scheme, including details on any attenuation system, and the outfall arrangements. Calculations should demonstrate the performance of the designed system for a range of return periods and storm durations.
- Plans illustrating flooded areas and flow paths in the event of exceedance of the drainage system.
- Provision of an acceptable management and maintenance plan for surface water drainage to ensure that surface water drainage systems shall be maintained and managed for the lifetime of the development.
- Provision of supporting information to demonstrate that sufficient water quality measures have been incorporated into the design. This should be in accordance

with the CIRIA SuDS Manual Simple Index Approach and SuDS treatment design criteria.

- Evidence of compliance with the principles of the drainage hierarchy, as described in Part H of the Building Regulations. If applicable, evidence of infiltration testing in accordance with BRE365 should be provided. If discharge is proposed to a surface water sewer then evidence should be provided regarding permission to connect.

Advice to LPA

Please re-consult us at flood.team@staffordshire.gov.uk when amended details are received. If you are minded to approve the application contrary to this advice, we request that you contact us again to allow further discussion.

Kind Regards
Roberta

Please note my working days are Monday to Wednesday.



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