
From: Whittaker, Roberta (EXT)
Sent: 07 March 2022 13:39
To: Johnston, Christopher
Cc: Planning (SMDC)
Subject: SMD/2021/0491 - Land off Tenford Lane - LLFA Response (Rev 3)

Categories:

Good Afternoon,

Thank you for reconsulting us on the RM application SMD/2021/0491 – Land off Tenford Lane.

Staffordshire County Council Flood Risk Management Position

We have reviewed the submitted information and note that in order to finalise the layout, we need a detailed drainage design to ensure adequate space is allowed for acceptable SuDS and drainage features. We are happy to leave some elements of the design until the discharge of conditions phase, e.g. a finalised maintenance strategy, but note the following information / clarification points still need to be resolved at RM stage.

Please provide a detailed drainage design commensurate with the requirements of [Appendix A](#) of the Staffordshire SuDS Handbook.

Infiltration Testing and Ground Conditions

- Please provide a ground investigation report for the site, including groundwater levels across the site.

Calculations

- Microdrainage calculations should use the slowest of the 3 infiltration test readings at the relevant trial pit, not the average.
- Permeable paving design has not been finalised across the site.
- Please include urban creep in your impermeable area calculations.
- Please provide a detailed design plan for the SuDS features and labelled detailed network plan to allow us to cross check the MicroDrainage calculations with the drainage plan.

Exceedance

- Please provide a detailed exceedance plan supported by ground levels, FFLs, water levels and detailed designs of the swale, bund and cutoff drain. Given the slope of the site we need to ensure the proposed measures are sufficient to capture overland flows before they reach Tenford Lane – as discussed at outline stage.
- Please provide a plan of proposed site levels – this is especially important given the 1 in 10 slope on the site to assess if the proposed features are adequate to manage overland flows on site.

Water Quality

- As per the outline assessment, please show how two levels of treatment for highway drainage will be provided.

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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