

Lead Local Flood Authority - (LLFA)

Planning Application - Consultation Response

Flood Risk Management Team
Staffordshire County Council

Lead Local Flood Authority - (LLFA)

Planning Application Response

Local Planning Authority	Staffordshire Moorlands District Council Staffordshire (SMDC)
Planning application name	Battery Energy Storage System (BESS) and associated infrastructure. New House Farm Luzlow Lane Bagnall
Planning application reference	SMD/2024/0568
Type of application	Full
Date consulted	03/03/2025
Date of response	24/03/2025

Disclaimer

This response is made by the County Council in its capacity as a Lead Local Flood Authority as a statutory consultee. As a Lead Local Flood Authority, we respond to Planning Applications where resources allow and considering where development has the greatest ability to affect flood risk.

These comments should be taken as general comments on flood risk and drainage only. A detailed review of any technical methodology and results has not been undertaken by the Council. Liability for such technical work therefore rests with organisation(s) who have undertaken the said work.

General observations / local flooding information

Flood Zone	Flood Zone 1
Surface water risk	Yes, flow path shown on updated Flood Map for Surface Water affects site. A feature shall be implemented around the Site to intercept any surface water and route it around the perimeter of the site and to a point of outfall.
Past flooding	None Known. Our information about past flooding is based on data that the Flood Risk Management team holds. Where other authorities (such as LPAs) have been made aware of issues, we cannot guarantee they have passed this information on to us.
Watercourse within 5m of site	Yes, there is an ordinary watercourse which flows through the Site and will need to be diverted as part of any application.
Other observations	n/a

Thank you for consulting us on this full planning application. Our response is detailed below.

Staffordshire County Council Flood Risk Management Position

Insufficient information has been submitted to demonstrate that an acceptable Flood Risk Assessment & Drainage Strategy is proposed. We would therefore recommend that planning permission is not granted. The outstanding issues are as below:

- **Ordinary Watercourse Diversion**

Our maps indicate that there is an ordinary watercourse which passes through the Site.

It is likely that any existing ordinary watercourse located within the site would need to be diverted around the perimeter of the development. Please update the FRA, Drainage Document and all associated drawings to make this clear (and provide dimensions etc., of any diverted watercourses).

In addition, features should be incorporated to intercept any surface flows and route them to a point of outfall (i.e., perimeter land drains, swales etc.,) to ensure that the proposed development is not impacted upon by overland flows.

- **Runoff rates**

A discharge rate of 18.5 l/s is proposed to the watercourse on the north-western boundary. This is the 100-year greenfield runoff rate. The receiving watercourse is under the authority of SCC as the LLFA, and we would not accept a rate of 18.5 l/s as it provides no betterment upon the existing scenario.

The calculated Q/bar greenfield runoff rate is 6.4 l/s and all surface water generated by the Site shall be restricted to this rate to ensure betterment is provided to the downstream ordinary watercourse network.

Please update the design documents, drawings and calculations as appropriate.

- **Design detail**

Please update drawing P16021-GOO-XX-XX-SK-C-0504 Revision P01 to include relevant detail such as cover level, invert level, pipe diameter etc.,

Please re-consult us at when amended details are received.

Please note that the issues highlighted above are not necessarily exhaustive.

If you are minded to approve the application contrary to this advice, we request that you contact us again to allow further discussion.

Please contact us if you have any queries about this response.

