

## Lead Local Flood Authority Planning Application Response

|                                |                                                                                                       |
|--------------------------------|-------------------------------------------------------------------------------------------------------|
| Lead SCC Officer               | Henry Wood                                                                                            |
| Local Planning Authority       | Staffordshire Moorlands District Council (SMDC)                                                       |
| Planning application name      | Erection and operation of a Battery Energy Storage System and associated infrastructure and equipment |
| Planning application reference | SMD/2022/0047                                                                                         |
| Type of application            | Full                                                                                                  |
| Date consulted                 | 08/02/2022                                                                                            |
| Date of response               | 28/02/2022                                                                                            |

### 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                       | The site is within Flood Zone 1.                                                                                                                                                                                                                                                                                                                                                                                        |
| Surface water risk               | <p>Yes, the updated Flood Map for Surface Water (uFMfSW) affects the proposed site area.</p> <p>There is an issue with surface water flooding at the midpoint of the northern access road which is shown to be affected during the 1 in 30, 1 in 100 and 1 in 1000-year events.</p> <p>There is a small amount of surface water flooding shown during the 1 in 1000-year event in the southwest corner of the site.</p> |
| Past flooding within 20m of site | <p>Yes.</p> <p>There is a flooding hotspot instance located opposite the exit from the northern most access road.</p> <p>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.</p>                                                     |
| Watercourse within 5m of site    | None known                                                                                                                                                                                                                                                                                                                                                                                                              |
| Other observations               | None                                                                                                                                                                                                                                                                                                                                                                                                                    |



## RESPONSE

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

### **Staffordshire County Council Flood Risk Management position**

Insufficient information has been submitted to demonstrate that an acceptable drainage strategy is proposed. We would therefore recommend that planning permission is not granted until the following issues have been resolved.

We ask to be reconsulted with the results of a drainage strategy. Our objection will be maintained until an adequate analysis has been submitted.

#### **1. Detailed Plans and Calculations**

Details of the final drainage design, including the SuDS layout, the loH 124 runoff calculation and the MicroDrainage Calculations have been referenced in the submitted Flood Risk Assessment and Drainage Strategy in support of the proposed surface water drainage scheme.

A review of the submitted FRA shows that Appendix 3, 4 and 5 (relating to the matters above) have not been submitted as part of the application.

The applicant should submit Appendices 3, 4 and 5 of the FRA for review by the LLFA for this information to be assessed and our objection removed.

#### **Reason**

To ensure appropriate disposal of surface water runoff generated from the proposed development.

#### **2. Maintenance and Management Arrangements**

Whilst operation and maintenance requirements are discussed within Section 7 of the submitted FRA, a named individual or management company should be formally named to ensure adequate maintenance of the proposed drainage system is undertaken over the lifetime of the development.

#### **Reason**

To reduce the risk of surface water flooding to the development and properties downstream through appropriate management and maintenance of the proposed drainage system for the lifetime of the development.

Please contact us on [flood.team@staffordshire.gov.uk](mailto:flood.team@staffordshire.gov.uk) if you have any queries about this response.

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