

## Lead Local Flood Authority Planning Application response

|                                |                                                                                                                                                                             |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Lead SCC Officer               | Caroline Parkin                                                                                                                                                             |
| Local Planning Authority       | Staffordshire Moorlands District Council                                                                                                                                    |
| Planning application name      | Land East of Cellarhead Battery Site, Rownall Road - Adoption of an Environmental Impact Assessment Screening Opinion (Proposed Battery Storage Facility for National Grid) |
| Planning application reference | SMD/2021/0352                                                                                                                                                               |
| Type of application            | Scoping                                                                                                                                                                     |
| Date consulted                 | 08/06/2021                                                                                                                                                                  |
| Date of response               | 29/06/2021                                                                                                                                                                  |

### 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            | The updated Flood Map for Surface Water does not show flooding within the site itself. There is a surface water flow route to the south east of the site which drains in an easterly direction.                                                                                                                                                                                                                  |
| Past flooding                 | <p>There are no incidents of past flooding within 20m of the site.</p> <p>There is a record of historical flooding approximately 165m to the east of the site.</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            | Mapping shows a reservoir located approximately 30m from the southern boundary of the site.                                                                                                                                                                                                                                                                                                                      |



## RESPONSE

Thank you for consulting us on this planning application, our response is as follows:

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

Review of available information indicates that there is a low risk of flooding to this site. The proposed development will require a drainage strategy which should identify a suitable means of discharge of surface water and allow space for SuDS within its layout.

### **Advice to Applicant**

The Staffordshire County Council flood team provides a pre-application advice service for developments within Staffordshire. This is accessed through our online payment system. Further details can be found on our website at <https://www.staffordshire.gov.uk/environment/Flood-Risk-Management/Information-for-planners-and-developers.aspx>.

Our criteria for an acceptable drainage strategy are laid out in full in the SCC SUDS Handbook, which can be downloaded from our website (<https://www.staffordshire.gov.uk/environment/Flood-Risk-Management/Information-for-planners-and-developers.aspx>).

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).
- Limiting the discharge rate generated by all rainfall events up to the 100 year plus climate change in accordance with the guidance in the SCC SUDS Handbook.
- 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.

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

