

**Consultation Response from KC,  
Lead Local Flood Authority**

**2023/93667 Storthes Hall Student Village, Storthes Hall Lane, Kirkburton, Huddersfield, HD8  
0WA**

**Outline application for demolition of buildings and erection of residential development (up to  
261 dwellings), redevelopment of Lodge Cottage for residential use and associated works**

**Date Responded: 6<sup>th</sup> February 2024**

**Responding Officer: Paul Farndale**

**Responding Ref:**

## Summary

**Kirklees Flood Management & Drainage acting as Lead Local Flood Authority requires FURTHER INFORMATION in the Flood Risk Assessment before making a recommendation on this application.**

- Initial soakaway testing is required around the proposed basin as a feasibility study. This should follow the testing procedure outlined in BRE digest 365. There also needs to be an assessment of potential re-emergence and any stability issues (if relevant) close to significantly sloping areas.
- An understanding of where the existing buildings and associated hard standing drains to.
- As assessment of flood routing around the proposed layout showing that property curtilage is avoided where reasonably practicable, and the route is confined to roads and open space should there be a blockage scenario.
- As assessment of proposed drainage and how it may be affected by or affect landscaping plans issued, e.g. tree planting, tree root investigations areas, tree to remain.
- A provisional worked scheme for infiltration basins showing an estimated maximum water level based on initial infiltration test results. Design should be in accordance with CIRIA guide c753. This is so there is confidence of the area required in examining layout at outline application stage.

## Additional Comments

We have no specific concerns regarding main river or surface water flood risk to the site itself.

Existing access points are to be used. It is unclear at this stage how these roads are drained and whether upgraded drainage is required.

The r value offered for rainfall events is too high for the area at 0.4  
Kirklees generally ranges from 0.24 up to 0.35. This value can skew results in determining the critical rainfall event.

Previous applications for this site have looked at connections to watercourse to the south-east of the site. The connection point is slightly complicated as there is a pump house in this location.