

**Consultation Response from KC,  
Lead Local Flood Authority**
**2026/91494 Land off, Penistone Road, Birdsedge, Huddersfield, HD8 8XP**
**Outline application for erection of residential development, including associated infrastructure works. All matters reserved except means of access into (but not within) the site from Penistone Road.**
**Date Responded: 13/07/2026**
**Responding Officer: Martin Stephenson**
**Responding Ref: 1**
**Documents reviewed by the LLFA:**

AMA:

- 300655, FRA and Drainage Statement, Rev 2, dated April 2026

**Drainage Summary:**

The LLFA confirms that the conclusions in the *FRA and Drainage Statement* document are accepted including an allowable surface water discharge rate of **7.4l/s** (the IH124 calculated 1-year GFRO rate as set out in Section 8.9.2) outfalling into the river Dearne (subject to 3<sup>rd</sup> party landowner agreements and Land Drainage Consent for the headwall construction).

On developments of this size, the LLFA would expect that the attenuation tank would be of the “Carlow” concrete tank type instead of the proposed GeoCell type indicated on the Drainage Layout Drawing contained in Appendix I. If the developer wishes to use the GeoCell type, provisions will need to be made for its replacement at the end of its design life (typically 30 – 50 years).

Note that vehicular access to the tank and flow control chamber will be required to ensure inspection and maintenance operations can be easily undertaken and details provided of access into tank for inspection. It is also preferable that the upstream MH before the tank is of the catch-pit type to reduce the risk of siltation within the tank.

**Kirklees Flood Management & Drainage as Lead Local Flood Authority SUPPORTS this application SUBJECT to the comments above and the recommended conditions set out below.**

**DR01 Drainage Details**

Development shall not commence until a detailed design scheme detailing foul, surface water and land drainage, including the agreed surface water discharge rate with the LLFA of **7.4l/s** to a watercourse, attenuation for the critical 1 in 100 (plus an allowance for climate change) rainfall event, attenuation construction details /design, plans and longitudinal sections, hydraulic calculations and phasing of drainage provision has been submitted to and approved in writing by the Local Planning Authority. The scheme shall include a risk assessment and method statement, in accordance with CDM Regulations 2015, for access to and into the attenuation structure, and the scheme shall include a maintenance and management plan for surface water infrastructure. No part of the development shall be occupied until such approved drainage scheme has been provided on the site to serve the development or each agreed phasing of the development and retained thereafter.

**DR07 Overland Flow Routing**

The development shall not commence until an assessment of the effects of 1 in 100 year storm events, with an additional allowance for climate change, blockage scenarios and exceedance events on drainage infrastructure and surface water run-off pre and post development between the development and the surrounding area (both upstream and downstream of the development), has been submitted to and approved in writing by the Local Planning Authority. No part of the development shall be brought into use (dwellings shall not be occupied) until the works comprising the approved scheme have been completed, and such approved scheme shall be retained thereafter.

**DR10 Construction Phase Surface Water Flood Risk and Pollution prevention plan.**

Development shall not commence until a scheme, detailing temporary surface water drainage for the construction phase (after soil and vegetation/site strip) has been submitted to and approved in writing by the Local Planning Authority. The scheme shall detail:

- phasing of the development and phasing of temporary drainage provision.
- include methods of preventing silt, debris and contaminants entering existing drainage systems and watercourses and how flooding of adjacent land is prevented.
- the strategy shall include a plan showing the location of the attenuation storage and supporting calculations, which shall be based on the critical 1 in 5-year storm. It should be assumed that once the site has been stripped that the percentage run-off will be 100 %. The maximum allowable off-site discharge rate shall not exceed 2.5 litres per second per ha, unless otherwise agreed with the LLFA.

The temporary works shall be implemented in accordance with the approved scheme and phasing. No phase of the development shall be commenced until the temporary works approved for that phase have been completed. The approved temporary drainage scheme shall be retained until the approved permanent surface water drainage system is in place and functioning in accordance with written notification to the Local Planning Authority.