

**Consultation Response from KC,  
Lead Local Flood Authority****2025/91579 The Homestead, Hurst Knowle, Almondbury, Huddersfield, HD5 8SG****Demolition of the former Homestead care home and erection of 28 dwellings, comprising 20 apartments and 8 bungalows, with access from Hurst Knowle and associated external works including landscaping****Date Responded: 22/08/2025.****Responding Officer: Martin Stephenson****Responding Ref: 1****Documents reviewed by the LLFA:**

HHA:

- E24/8263/01, Engineering Feasibility Plan, Rev A dated 25/07/2025.

**Drainage Summary:**

The Engineering Feasibility Plan indicates that the attenuated surface water run-off is proposed to outfall to the Yorkshire Water Combined sewer in Hurst Knowle at a rate of 12.6l/s.

However, according to Kirklees Council's asset mapping, there is an adjacent culverted watercourse located immediately to the south of the site.

In accordance with the NPPF hierarchy of preferred surface water discharge locations where infiltration into the soil has been discounted, this culvert should be considered first above the outfall to combined sewer (which is the least preferable option). The allowable surface water discharge rate to this culvert would be 70% of the existing outfall rate (which is calculated to be approx. **21.4l/s** based on 0.22ha of the existing Care Home drained area). This increased discharge rate would allow for a smaller volume of attenuation to be provided. The size, depth, capacity, construction material and condition of the culvert should be determined by the developer.

If the developer has valid reasons why the surface water discharge should be to combined sewer rather than the culverted watercourse, these should be communicated to the LLFA for consideration.

**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 agreed discharge rates with the LLFA indirectly or directly to 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 2-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.