

**Consultation Response from KC,
Lead Local Flood Authority****2025/91770 Land off Station Road, Meltham, HD9 4NL****Outline application for erection of residential development (5 dwellings)****Date Responded: 08/10/2025.****Responding Officer: Martin Stephenson****Responding Ref: 2****Previous response by the LLFA**

Dated 20/08/2025 for application 2025/91770.

Documents reviewed by the LLFA:

Dart Engineers Ltd:

- 25075-DR-C-0100, Drainage Strategy, Rev P1 dated April 2025.
- 25075-DR-C-0101, Temporary Drainage Strategy, Rev P1 dated September 2025.
- 25075-Storm Network, Causeway Hydraulic Calculations dated 03/09/2025.

Drainage Summary:

The LLFA accepts the proposed temporary drainage strategy and flood routing proposals.

The LLFA also welcomes the proposal to discharge the surface water to the local watercourse via an attenuation and flow control device. However, the LLFA has noted that TWL stated in the hydraulic calcs for the 1:100 (+CC) is given as 99.167m and the hydrobrake IL is 98.000. Therefore, the head at the hydrobrake for the critical storm is 1.167m. Using the hydrobrake noted in the calculations (CLT-SHE-0092-3500-800-3500) and a head of 1.167 will give a higher flow rate than 3.5l/s. To fully utilise the storage in the attenuation tank, the design head for the hydrobrake would need to be 1.2m. Please select the appropriate hydrobrake model to account for this and re-calculate the hydraulic model. This revision can be conditioned, and the updated drawings and calculations will need to be resubmitted with the discharge of conditions application.

Note that details of the access arrangements for inspection and maintenance into the attenuation tank and inclusion of a silt trap prior to the tank would be expected within the application.

Kirklees Flood Management & Drainage as Lead Local Flood Authority SUPPORTS this application SUBJECT to the comments above and the recommended condition 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 discharge rate with the LLFA of **3.5l/s** 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 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.