

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

**2024/93326 Bradley Nursery, Bradley Junction Industrial Estate, Leeds Road, Bradley,  
 Huddersfield, HD2 1UR**

**Provision of a temporary compound as part of the Transpennine Route Upgrade Programme**

**Date Responded: 13/02/2025.**

**Responding Officer: Martin Stephenson**

**Responding Ref: 1**

**Documents reviewed by the LLFA:**

Tony Gee and Partners:

- 151667-TSA-W3-MVL3-DRG-C-CV-000458, Site Drainage, Rev P02 dated 18/11/24.

**Drainage Summary:**

The drainage drawing indicates a Complex Flow Control – however, the LLFA requires a flow control device rated at **5.0l/s** only with attenuation storage sufficient to cater for the critical 1 in 100 year (plus climate change) rainfall event without flooding off-site.

Hydraulic calculations (e.g. MicroDrainage, Causeway) should be submitted to the LPA for LLFA comment confirming that the proposed attenuation volume is sufficient.

**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 rate of **5.0l/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 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.

**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