

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

**2024/92806 Land at, Penistone Road, Fenay Bridge, Huddersfield, HD8 0AW**

**Discharge of details reserved by conditions 20 (surface water discharge), 21 (flood routeing) and 31 (grass-crete and batter maintenance) of previous permission 2022/93154 for erection of 68 dwellings with associated access, parking, open space, landscaping and infrastructure works (including installation of surface water attenuation tank)**

**Date Responded: 7<sup>th</sup> February 2025**

**Responding Officer: Paul Farndale**

**Responding Ref:**

## Condition 20 – Attenuation

It is apparent that crate storage, Polyform R, is used on this site. Details of a Carlow tank are still present in submitted documents and should be removed.

Details should be supplied from the manufacturer as to loading restrictions in a field with only 600mm of cover to the soffit of the crate. Weight of vehicles are likely to be that of a grass cutter and potential agricultural vehicles.

A 600mm private pipe is shown cross existing public highway. **We understand works have started on site and this tank is installed with a private pipe installed under the adopted highway. This should be escalated to our planning enforcement team.**

Longitudinal sections show a 600mm pipe entering at soffit level and a 600mm pipe exiting at invert level. It is not clear therefore how this tank can be adequately cleaned as part of an acceptable maintenance plan. A technical approval letter from Yorkshire Water or a NAV equivalent is required therefore under section 104 of the Water Industry Act 1991, to demonstrate that a statutory undertaker would be happy to adopt this design.

Kirklees LLFA advise against the use of crate storage due to problematic maintenance regimes. However, the LPA authority will consider them with an appropriate management plan.

Clarification of the outfall details are required. 150mm above existing typical water level is required. There is reference to only 30mm above ditch level. Connection should be to a watercourse. A safety grille is mentioned where a flap valve should be provided. We are concerned given the level above bed level, that this valve could be shut more often than is desirable. A separate submerged outfall simulation is required. An addition spill inspection chamber prior to the outfall may be required.

The simulation model provided does not reflect the design of the drainage for this application. This included a difference in total contributing areas and significant differences for contributing areas to individual legs. The attenuation refers to pond or tank and should be updated to crate storage with correct void ratio.

No maintenance and management plan has been provided.

**We do NOT recommend that this condition is discharged at this moment in time.**