

**Consultation Response from KC,
Lead Local Flood Authority**
2021/93399 Land Adjacent to, 569 , New Hey Road, Mount, Huddersfield, HD3 3XN
Outline application for demolition of agricultural and storage buildings and erection of residential development (& dwellings)
**Date Responded:
27/09/2021**
**Responding Officer:
Martin Stephenson**
**Responding Ref:
0**
Drainage Comments

The LLFA notes from the application form that discharge of surface water is proposed to be to soakaways. Disposal to ground has the highest ranking in the hierarchy of disposal methods in CIRIA C753 SuDS Manual (Section 3.2.3) and therefore is encouraged where suitable by the LLFA.

Plans held by Kirklees Council indicate that the underlying soils may be suitable for soakaways, however the developer will need to provide evidence of the soakage rate at the location/s using the BRE Digest 365 percolation testing methodology with a minimum of 3 successful tests per trial pit location. The trial pits' depth should be at least at the base of any proposed soakaways.

It is not recommended that soakaways are sited on slopes steeper than 1 in 10 to reduce the risk of re-emergence of flows at the surface further down the slope.

Plans held by Kirklees Council indicate that there is a potential for surface flooding at the south-western boundary of the site with a predicted depth of up to 1.2 m for the 1 in 100 year rainfall event. The developer should ensure that external flooding into the site and internal flooding due to exceedance events within the site do not enter the curtilage of new or existing properties.

Details of a scheme to control surface water during the construction phase following site strip will be required by the LLFA. Discharge from the site during construction will be limited to 2.5 l/s for the 1 in 2 year rainfall event.

Details of how the soakaway/s and the shared surface water drainage system will be maintained for the life of the development or until adopted by Yorkshire Water (if adoptable) will be required by the LLFA.