

Consultation Response from KC Lead Local Flood Authority
2019/90725 Land at, Busker Lane, Scissett, Huddersfield, HD8 9JU
Demolition of existing dwellings and erection of 9 apartments
Date Responded:
05/04/2019
Responding Officer:
Aleksandra Tomczyk
Responding Ref: 0
Summary

Kirklees Flood Management and Drainage as the Lead Local Flood Authority OBJECT to this planning application as insufficient information on surface water management has been submitted.

We offer the below additional comments that describe the reasons for objection in detail.

Additional Comments

The applicant seeks approval for demolition of an existing dwelling, and erection of a new building, containing 9 apartments. These apartments are to provide additional capacity for the care home located immediately east of the proposed development site.

Kirklees LLFA note that the drawings submitted lack unique identifiers/reference numbers as such we are unable to refer to a specific document in any objection or approval. Few of the drawings provided by KDP Architects display the proposed alignment of drainage but provide no dimensions, levels or other fundamental information. There is no data provided over the suitability/feasibility of the proposed drainage, or whether this could have adverse impacts elsewhere.

To overcome this objection, a Drainage Strategy Report must be provided. It must address the following:

- Consideration of flood risk;
- Method of disposing of surface water, using the hierarchy of surface water discharge:
 - o Infiltration – our maps show that this area has high compatibility for infiltration. The applicant should carry out infiltration/soakaway testing in accordance to BRE Digest 365 guidance and let the results of the testing dictate the sizing of the infiltration features.
 - o Watercourse – if infiltration is proven unfeasible for the proposed development location, discharge into a watercourse can be considered. Our maps do not show any watercourses in the area.
 - o Sewer – if the above discharge options are proven not to be feasible for the proposed development, discharge into a sewer can be considered. Our maps show a combined sewer along the Busker Lane.
- Discharge rate to the proposed outfall, if infiltration not used;
- Attenuation required to meet this discharge rate; and
- Drainage simulations for the following return periods:
 - o Qbar 30 year;
 - o 100 year;
 - o 100 year + climate change.
- Comparison of existing and proposed impermeable area.

If the applicant wishes to utilise the drainage system within the neighbouring development, we require appropriate calculations showing that this system has sufficient capacity to receive the additional flows.

Kirklees LLFA highlight that this application comprises brownfield development therefore a minimum 30% reduction in surface water discharge is required, unless a justification is made for a higher rate. Evidence is required to justify why the proposed discharge is the lowest possible.

