

Consultation Response from KC Lead Local Flood Authority
2018/93964 The Gables, 5 A, Halifax Road, Staincliffe, Dewsbury, WF13 4AA
Outline application for erection of residential development
**Date Responded: 22nd
February 2019**
**Responding Officer:
Aleksandra Tomczyk**
Responding Ref: 0
Summary

Kirklees Flood Management and Drainage provides the following COMMENTS on this application:

- The site is located within Flood Zone 1 – less than 1% chance of flooding from a main river source each year;
- The site is located within an area with very low surface water flood risk – less than 0.1% chance of flooding each year;
- We expect an analysis of flood routing for the site layout to be included in an application to follow. Short, intense storm may bypass road gullies and the route should avoid curtilage where reasonably practicable, utilising roads and open spaces. The likely position of attenuation should be considered, as well as flow routing from attenuation, in case of exceedance;
- Surface water discharge should be assessed using the hierarchy of preference: infiltration, watercourse, and sewer.
 - Our records show that the site is compatible for infiltration SuDS. An infiltration test should be carried out. We require the testing to be performed to BRE Digest 365 standard, in a location representative of the proposed location of any soakaway/infiltration feature, and this rate to dictate the sizing and siting of these features.
 - If infiltration is found not to be feasible, a watercourse should be assessed for discharge. However, our records do not show any watercourses in the area.
 - Our records show surface water sewer along Healds Road.
- Attenuation must store the critical 1 in 30 year storm. Volumes generated by storms up to and including 1 in 100 + 30% climate change critical storm also has to be stored on site. Opportunities to store the additional volume in safe areas on the surface can be explored.

If attenuation is greater than 1500mm and positioned under highway, this is likely to preclude adoption by Kirklees Council. Please speak to Structures department for more information. Storage in landscaped areas or non-adoptable highway is unaffected.

Additional comments

It is important that Flood Management and Drainage are consulted in any application to follow.

