

WEST SUSSEX COUNTY COUNCIL CONSULTATION

TO:	Arun District Council FAO: Andrew Wood
FROM:	WSCC – Lead Local Flood Authority
DATE:	24 th February 2020
LOCATION:	Hangleton Farm Livery Stables Wadars Animal Rescue Centre Hangleton Lane Ferring BN12 6PP
SUBJECT:	FG/6/20/PL Development of Animal Rescue Centre, to include new buildings for reception, training & education, cattery, kennels & associated ancillary accommodation, conversion of existing barn into staff accommodation along with driveways, car parking & landscaping. This application is a Departure from the Development Plan
RECOMMENDATION:	Advice - No Objection

West Sussex County Council (WSCC), in its capacity as the Lead Local Flood Authority (LLFA), has been consulted on the above proposed development in respect of surface water drainage.

The following is the comments of the LLFA relating to surface water drainage and flood risk for the proposed development and any associated observations, recommendations and advice.

Flood Risk Summary

Current surface water flood risk based on 30year and 100year events	Low risk
Comments: Current surface water mapping shows that the proposed site is at low risk from surface water flooding. Areas of higher risk can be found adjacent to the site along Hangleton Lane. This risk is based on modelled data only and should not be taken as meaning that the site will/will not definitely flood in these events. Any existing surface water flow paths across the site should be maintained and mitigation measures proposed for areas at high risk. Reason: NPPF paragraph 163 states – ‘When determining any planning application, local planning authorities should ensure flood risk is not increased elsewhere.’	
Modelled groundwater flood hazard classification	Moderate risk
Comments: The area of the proposed development is shown to be at moderate risk from groundwater flooding based on current mapping. This risk is based on modelled data only and should not be taken as meaning that the site will/will not suffer groundwater flooding.	

Ground water contamination and Source Protection Zones.

The potential for ground water contamination within a source protection zone has not been considered by the LLFA. The LPA should consult with the EA if this is considered as risk.

Ordinary Watercourses nearby?	No
Comments: Current Ordnance Survey mapping shows no ordinary watercourses running adjacent to the site. Local or field boundary ditches, not shown on Ordnance Survey mapping, may exist around or across the site. If present these should be maintained and highlighted on future plans. Works affecting the flow of an ordinary watercourse will require ordinary watercourse consent and an appropriate development-free buffer zone should be incorporated into the design of the development.	

Records of any historic flooding within the site?	No
Comments: We do not have any records of historic surface flooding within the confines of the proposed site. This should not be taken that this site has never suffered from flooding, only that it has never been reported to the LLFA. Hangleton Lane, adjacent and south of the site, has experienced historic flooding.	

Future development - Sustainable Drainage Systems (SuDS)

No Flood Risk Assessment or Drainage Strategy has been included with this application.

The Design and Access Statement states that soakaways and a pond would be used. While this method would, in principle, meet the requirements of the NPPF and associated guidance documents, further information will need to be provided to show that the below can be achieved.

In line with Defra's non-statutory technical standards for sustainable drainage systems, for a brownfield site such as this, the peak runoff rate and runoff volume should be as close as reasonably practicable to the Greenfield runoff rate/volume from the development for the same rainfall event. If this is not possible, significant betterment, at least 50% reduction in rate from the peak pre-redevelopment rate, should be achievable.

All works to be undertaken in accordance with the LPA agreed detailed surface water drainage designs and calculations for the site, based on sustainable drainage principles.

The maintenance and management of the SUDs system should be set out in a site-specific maintenance manual and submitted to, and approved in writing, by the Local Planning Authority. The scheme shall subsequently be implemented in accordance with the approved designs.

Please note that Schedule 3 of the Flood and Water Management Act 2010 has not yet been implemented and WSCC does not currently expect to act as the SuDS Approval Body (SAB) in this matter.

Kevin Brook
Flood Risk Management Team