

WEST SUSSEX COUNTY COUNCIL CONSULTATION

TO:	Arun District Council FAO: Simon Davis
FROM:	WSCC – Lead Local Flood Authority
DATE:	22 nd October 2020
LOCATION:	Land to West of Hook Lane Hook Lane Westergate PO20 3TE
SUBJECT:	AL/79/20/OUT Outline planning application with some matters reserved (Layout, Scale, Appearance and Landscaping are to be determined as reserved matters) for the construction of 10 No. dwellings & the creation of a new vehicular & pedestrian access on to Hook Lane. 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 site itself is at low risk from surface water flooding. 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.’ Therefore, a wholesale site level rise via the spreading of excavated material should be avoided.	
Modelled groundwater flood hazard classification	High risk
Comments: The area of the proposed development is shown to be at high 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.

Watercourses nearby?	No
Comments: Current Ordnance Survey mapping shows an ordinary watercourse in close proximity 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 flooding within the site?	No
Comments: We do not have any records of 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.	

Future development - Sustainable Drainage Systems (SuDS)

The FRA included with this application state that below ground storage with a restricted discharge to the watercourse would be used to control the surface water runoff from the site.

The disposal of surface water via infiltration/soakaway should be shown to have been investigated through winter groundwater monitoring in conjunction with the District Drainage Engineer.

In the spirit of SuDS implementation, and in line with many of the policies within the West Sussex Lead Local Flood Authority Policy for the Management of Surface Water, betterment for surface water systems on the new developments should be sought. This could include retention at source through rain gardens, permeable paving, swales or bioretention systems prior to disposal to reduce peak flows. SuDS landscaping, including open features, also significantly improves the local green infrastructure provision and biodiversity impact of the developments whilst also having surface water benefits.

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