

**WEST SUSSEX COUNTY COUNCIL
FLOOD RISK MANAGEMENT CONSULTATION**

DATE: 18th April 2019

FROM: Kevin Brook

**TO: Arun District Council
FAO: Michael Eastham**

PLANNING REFERENCE: BE/38/19/PL

LOCATION: Adjoining site at 10 Acre Field West of Saltbox Rowan Way Bognor Regis

RECOMMENDATION:

Advice	☒	Modification	☐	More Information	☒
Objection	☐	No Objection	☐	Refusal	☐

West Sussex County Council (WSSCC), 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 and advice.

Flood Risk Summary

Modelled surface water flood risk	Low risk
Comments: Current surface water mapping shows that the majority of the proposed site is at low risk from surface water flooding although the southern boundary is shown to be at a higher risk. 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 must be maintained or appropriate mitigation strategies proposed. 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 ground water flood risk susceptibility	High risk
Comments: The majority of the proposed development is shown to be at high risk from ground water flooding based on the current mapping. Where the intention is to dispose of surface water via infiltration/soakaway, these should be shown to be suitable through an appropriate assessment carried out under the methodology set out in BRE Digest 365 or equivalent.	

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.

Records of any flooding of the site?

No

Comments:

We do not have any records of historic surface water 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.

Ordinary watercourses nearby?

Yes

Comments:

Current Ordnance Survey mapping shows an ordinary watercourse on or directly adjacent to the site.

Local or field boundary ditches, not shown on Ordnance Survey mapping, may exist around 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 to aid access/maintenance.

Future development - Sustainable Drainage Systems (SuDS)

No FRA/Drainage Strategy has been provided for this application.

Further information should be provided to clarify the surface water drainage arrangement for this proposal.

The site is within Flood Zone 3 therefore the EA should be consulted.

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