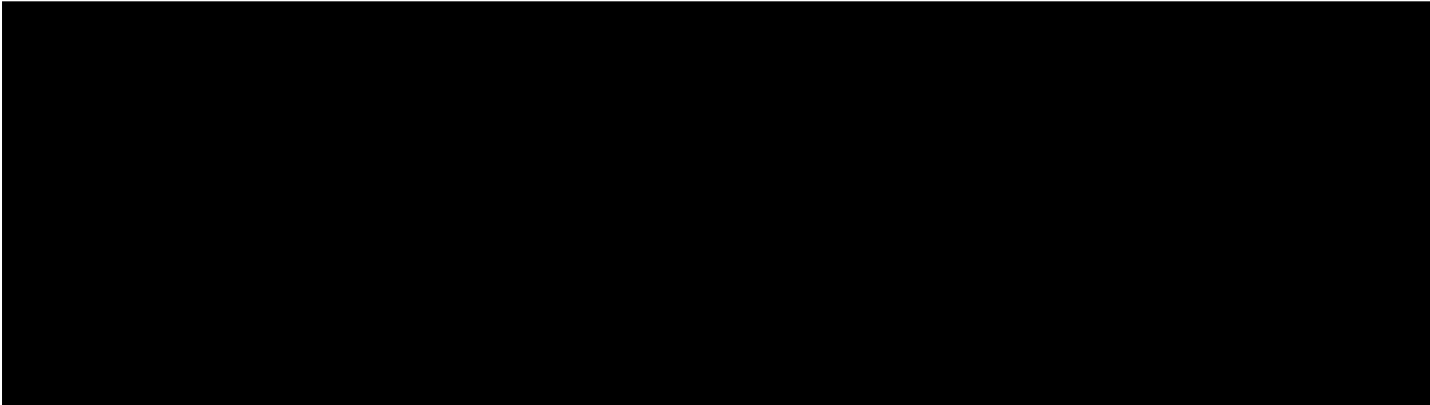




From: Kevin Brook [REDACTED]
Sent: 14 November 2017 11:29
To: Planning.Responses
Subject: Planning Consultation on: AL/115/17/OUT

Dear Mr R Temple

Please see attached the response for the above Planning Consultation from the WSCC Flood Risk Management team.

Kind Regards

Kevin Brook
Flood Risk Management Engineer
Residents' Services - Highways and Transport
West Sussex County Council

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

DATE: 14th November 2017

FROM: Kevin Brook

**TO: Arun District Council
FAO: Mr R Temple**

PLANNING REFERENCE: AL/115/17/OUT

LOCATION: Wings Nursery, Lidsey Road, Aldingbourne, PO20 3SU

RECOMMENDATION:

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

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 detailed 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 uFMfSW for 30year and 100year events	Low risk
Comments: Current uFMfSW mapping generally shows the site to be 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 must be maintained. Reason: NPPF paragraph 103 states – ‘When determining planning applications, 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.	

Records of any historic flooding within the site?	No
Comments: We do not have any records of historic 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 no ordinary watercourses running across the proposed development area although local or field boundary ditches, not shown on Ordnance Survey mapping, exist around or near to the site. No development should take place within 3-5m of any ordinary watercourse. If works are undertaken within, under, over or up to an Ordinary Watercourse, even if this is temporary, an Ordinary Watercourse Consent (OWC) may need to be applied for from the District Council.	

Future development - Sustainable Drainage Systems (SuDs)

The 'Sustainable Drainage' section of the Design and Access Statement included with this application proposes that permeable paving, swales, French drains and infiltration basin would be used to control the surface water runoff from the site. In line with the SuDS selection hierarchy, infiltration testing/groundwater monitoring should be carried out for the entire site to assess whether infiltration is possible.

Development should not commence until finalised detailed surface water drainage designs and calculations for the site, based on sustainable drainage principles, for the development have been submitted to and approved in writing by the Local Planning Authority. The drainage designs should demonstrate that the surface water runoff generated up to and including the 100 year, plus climate change, critical storm will not exceed the run-off from the current site following the corresponding rainfall event.

Development shall not commence until full details of the maintenance and management of the SUDs system is 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