



Hampshire County Council

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<i>Date</i>	1 February 2022	<i>Email</i>	SWM.consultee@hants.gov.uk

Dear Sir/Madam,

Outline application for development of up to 300 dwellings (including affordable housing). The proposal includes provision for structural planting and landscaping; informal public open space; children's play areas; sustainable drainage system (SuDS); a new vehicular access from St Mary's Road; and associated ancillary works. All matters reserved except for means of vehicular access. Accompanied by an Environmental Statement. At Rook Farm, land off St Marys Road, Hayling Island.

Hampshire County Council as Lead Local Flood Authority has provided comments in relation to the above application in our role as statutory consultee on surface water drainage for major developments.

In order to assist applicants in providing the correct information to their Local Planning Authority for planning permission, Hampshire County Council has set out the information it requires to provide a substantive response at <https://www.hants.gov.uk/landplanningandenvironment/environment/flooding/planning>

The County Council has reviewed the following documents relating to the above application:

- Flood Risk Assessment; ref: SHF.1132.142.HY.R.001.B; dated: November 2021.

The information submitted by the applicant in support of this planning application indicates that surface water runoff from the application site will be managed through attenuation basins. Additionally, surface water will be discharged at 12.26 l/s (Q_{BAR}) into the on-site land drains which finally

*Director of Economy, Transport and Environment
Stuart Jarvis BSc DipTP FCIHT MRTPI*

connects to the public surface water network. This is acceptable in principle since the underlying geology will make infiltration infeasible at the site.

Considering that this is an outline planning application with approval sought for the site access, at this stage the information submitted by the applicant has addressed our concerns regarding surface water management and local flood risk.

Therefore, the County Council as the Lead Local Flood Authority has **no objection** to the proposals subject to the following planning conditions:

1. No development shall begin until a detailed surface water drainage scheme for the site, based on the principles within the Flood Risk Assessment ref: SHF.1132.142.HY.R.001.B, has been submitted and approved in writing by the Local Planning Authority. The submitted details should include:
 - a. A technical summary highlighting any changes to the design from that within the approved Flood Risk Assessment.
 - b. Detailed drainage layout drawings at an identified scale indicating catchment areas, referenced drainage features, manhole cover and invert levels and pipe diameters, lengths and gradients.
 - c. Detailed hydraulic calculations for all rainfall events, including the listed below. The hydraulic calculations should take into account the connectivity of the entire drainage features including the discharge location. The results should include design and simulation criteria, network design and result tables, manholes schedule tables and summary of critical result by maximum level during the 1 in 1, 1 in 30 and 1 in 100 (plus an allowance for climate change) rainfall events. The drainage features should have the same reference that the submitted drainage layout.
 - d. Evidence that Urban Creep has been considered in the application and that a 10% increase in impermeable area has been used in calculations to account for this.
 - e. Confirmation on how impacts of high groundwater will be managed in the design of the proposed drainage system to ensure that storage capacity is not lost, and structural integrity is maintained.
 - f. Confirmation that sufficient water quality measures have been included to satisfy the methodology in the Ciria SuDS Manual C753.
 - g. Exceedance plans demonstrating the flow paths and areas of ponding in the event of blockages or storms exceeding design criteria.
2. The condition of the existing on-site land drains and subsequent culverted connections into the public sewer network, which will take surface water from the development site, should be investigated before any connection is made. If necessary, improvement to its condition as reparation, remediation, restitution and replacement should be undertaken. Evidence of this, including photographs should be submitted. Evidence that the asset owner has agreed to the proposed discharge rates and connections should be submitted before any connection is made.

3. Details for the long-term maintenance arrangements for the surface water drainage system shall be submitted to and approved in writing by the Local Planning Authority prior to the first occupation of any of the dwellings. The submitted details shall include;

- a. Maintenance schedules for each drainage feature type and ownership
- b. Details of protection measures.

As a statutory consultee, the County Council has a duty to respond to consultations within **21 days**. The 21 day period will not begin until we have received sufficient information to enable us to provide a meaningful response.

Please ensure all data is sent to us via the relevant Local Planning Authority.

For guidance on providing the correct information, we recommend you use our **Surface Water Management Pre-application service** which provides clear guidance on what is required for us to recommend that planning permission is granted and consider the works as best practise. For full details, please visit: <https://www.hants.gov.uk/landplanningandenvironment/environment/flooding/planning> and click on [pre-application advice request form](#).

This response has been provided using the best knowledge and information submitted as part of the planning application at the time of responding and is reliant on the accuracy of that information.

Yours faithfully,



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Web: <https://www.hants.gov.uk/landplanningandenvironment/environment/flooding>

General guidance for the application

It is important to ensure that the long-term maintenance and responsibility for Sustainable Drainage Systems is agreed between the Local Planning Authority and the applicant before planning permission is granted. This should involve discussions with those adopting and/or maintaining the proposed systems, which could include the Highway Authority, Planning Authority, Parish Councils, Water Companies and private management companies.

For SuDS systems to be adopted by Hampshire Highways it is recommended that you visit the website at:

<https://www.hants.gov.uk/transport/developers/constructionstandards> for guidance on which drainage features would be suitable for adoption.

Where the proposals are connecting to an existing drainage system it is likely that the authorities responsible for maintaining those systems will have their own design requirements. These requirements will need to be reviewed and agreed as part of any surface water drainage scheme.

Works in relation to ordinary watercourses

*PLEASE NOTE: If the proposals include works to an ordinary watercourse, under the Land Drainage Act 1991, as amended by the Flood and Water Management Act 2010, prior consent from the Lead Local Flood Authority is required. **This consent is required as a separate permission to planning.***

Information on ordinary watercourse consenting can be found at the following link

<https://www.hants.gov.uk/landplanningandenvironment/environment/flooding/c/hangewatercourse>

It is strongly recommended that this information is reviewed before Land Drainage consent application is made.

*For guidance on providing the correct information, we recommend you use our **Ordinary Watercourse Consents Pre-application service** and help avoid delays occurring at the formal application stage. A Pre-application service for Ordinary Watercourse Consents is available, allowing consents to go through in a smoother, often more timely manner. For full information please visit:*

<https://www.hants.gov.uk/landplanningandenvironment/environment/flooding/c/hangewatercourse>