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<i>Date</i>	29 September 2021	<i>Email</i>	SWM.consultee@hants.gov.uk

Dear Sir/Madam,

Outline planning application for the development of 150 dwellings (3-bed; 4-bed and 5-bed dwelling houses and 1-bed and 2-bed apartments) addressing layout, scale and access, including biodiversity enhancements and buffers and species-specific enhancements, SUDS and car parking (with appearance and landscaping matters reserved) at Cabbagefield Row, opposite 123-133, Swanmore Road, Havant.

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 AND SURFACE WATER DRAINAGE STRATEGY; Ref:223/01/cr/fra/0821; dated: August 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 detention basins. Additionally, surface water will be discharged, at greenfield discharged rates, into the Park Lane Stream west of the application site. This is acceptable in principle since the site investigations showed that infiltration is not feasible at the application site.

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

However, the connection with the Park Lane Stream raises some concerns as it goes through land which appears to be owned by a third party. Therefore, and considering that there appears to be no alternative discharge point from the application site, at this stage we request written evidence from the landowners authorising the passage of any drainage asset through their land and headwalls provision.

Additionally, the information submitted by the applicant is very high level considering that this is an outline planning application which is also seeking to fix the layout. Therefore, at this stage we request a detailed drainage strategy which includes:

- 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.
- 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.
- Exceedance plans demonstrating the flow paths and areas of ponding in the event of blockages or storms exceeding design criteria.

Bearing in mind that the layout will be fixed, we request that the above issues are addressed at this stage and not through planning conditions, to demonstrate that the application site has a secure outfall to dispose surface water and to demonstrate that the quantum of development is achievable, whilst ensuring that flood risk will not be increased on or off site.

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,



Flood and Water Management Team
Economy, Transport & Environment Department,
Hampshire County Council, 1st Floor, Ell Court West,
The Castle, Winchester, Hampshire SO23 8UD

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>