



Department of Planning and Development
Havant Borough Council
Public Service Plaza
Civic Centre Road
Havant
Hampshire
PO9 2AX

Your ref
APP/21/01010

Our ref
PLAN-042364

Date
22/11/2021

Contact
Tel 0330 303 0119

Dear Sir/Madam,

Proposal: Erection of 194 No. dwellings, means of access, public open space, play areas, associated infrastructure and landscaping.

Site: APP/21/01010: - Land east of St Georges Avenue, Havant, PO9 2RX.

Thank you for your letter dated 15/10/2021.

Southern Water has undertaken a desktop study of the impact that the additional foul sewerage flows from the proposed development will have on the existing public sewer network. This initial study indicates that these additional flows may lead to an increased risk of foul flooding from the sewer network. Any network reinforcement that is deemed necessary to mitigate this will be provided by Southern Water.

Southern Water and the Developer will need to work together in order to review if the delivery of our network reinforcement aligns with the proposed occupation of the development, as it will take time to design and deliver any such reinforcement.

It may be possible for some initial dwellings to connect, pending network reinforcement. Southern Water will review and advise on this following consideration of the development programme and the extent of network reinforcement required.

Southern Water will carry out detailed network modelling as part of this review which may require existing flows to be monitored. This will enable us to establish the extent of any works required.

Southern Water endeavour to provide reinforcement within 24 months of planning consent being granted (Full or Outline) however for large developments our assessment of the timescales needed will require an allowance for the following which may result in an extension of the 24 month period:

- Initial feasibility, detail modelling and preliminary estimates.

- Flow monitoring (If required).
- Detailed design, including land negotiations.
- Construction.

Southern Water hence requests the following condition to be applied: Occupation of the development is to be phased and implemented to align with the delivery by Southern Water of any sewerage network reinforcement required to ensure that adequate wastewater network capacity is available to adequately drain the development.

Southern Water has undertaken a desktop study of the impact of the proposed development on the existing public surface water network. The results of this assessment indicate that with a connection at the “practical point of connection”, as defined in the New Connections Services implemented from 1st April 2018, there is an increased risk of flooding if the proposed surface water run off rates are to be discharged at proposed connection points.

southernwater.co.uk/connection-charging-arrangements

Alternatively, if this is a brownfield site redevelopment, the developer can discharge surface water flow no greater than existing levels if proven to already be connected and it is ensured that there is no overall increase in flows into the surface water system. The developer will be required to provide a topographical site survey and/or a CCTV survey with the connection application showing the existing connection points, pipe sizes, gradients and calculations confirming the proposed surface water flow will be no greater than the existing contributing flows.

We request that should this application receive planning approval, the following condition is attached to the consent: Construction of the development shall not commence until details of the proposed means of surface water run off disposal in accordance with Part H3 of Building Regulations hierarchy as well as acceptable discharge points, rates and volumes have been agreed by the Lead Flood Authority, in consultation with Southern Water.

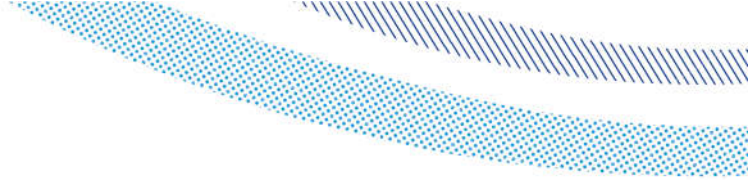
The planning application form makes reference to drainage using Sustainable Drainage Systems (SuDS).

Under certain circumstances SuDS will be adopted by Southern Water should this be requested by the developer. Where SuDS form part of a continuous sewer system, and are not an isolated end of pipe SuDS component, adoption will be considered if such systems comply with the latest Sewers for Adoption (Appendix C) and CIRIA guidance available here:

<http://water.org.uk/sewerage-sector-guidance-approved-documents>

[http://ciria.org/Memberships/The SuDS Manual C753 Chapters.aspx](http://ciria.org/Memberships/The_SuDS_Manual_C753_Chapters.aspx)

Where SuDS rely upon facilities which are not adoptable by sewerage undertakers the applicant will need to ensure that arrangements exist for the long-term maintenance of the SuDS facilities. It is critical that the effectiveness of these systems is maintained in perpetuity. Good management will avoid flooding from the proposed surface water system, which may result in the inundation of the foul sewerage system.



Thus, where a SuDS scheme is to be implemented, the drainage details submitted to the Local Planning Authority should:

- Specify the responsibilities of each party for the implementation of the SuDS scheme.
- Specify a timetable for implementation.
- Provide a management and maintenance plan for the lifetime of the development.

This should include the arrangements for adoption by any public authority or statutory undertaker and any other arrangements to secure the operation of the scheme throughout its lifetime.

The submitted drainage drawing (drawing no. 61195-PP-001) shows permeable paving is used for surface water disposal into public sewer which is not acceptable to Southern Water. The drainage design should ensure that no groundwater or land drainage will enter the public sewerage network.

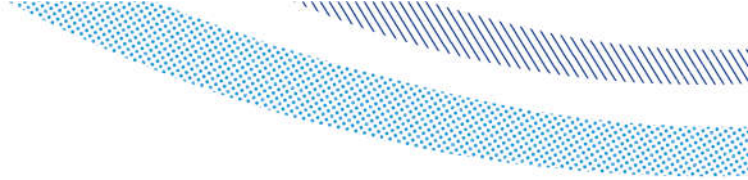
Please Note: Direct connection of foul and surface water rising main into public sewer is not acceptable to Southern Water, note a manhole and short length of gravity pipe work will normally be required between the rising main and the public sewer.

Should the applicant wish to offer the sewers for adoption under section 104 of the Water Industry Act, the drainage design should comply with the Sewerage Sector Guidance (water.org.uk/sewerage-sector-guidance-approved-documents/) standards and Southern Water's requirements. Please note that non-compliance with the Sewerage Sector Guidance standards will preclude future adoption of the foul and surface water sewerage network on site. The design of drainage should ensure that no groundwater or land drainage is to enter public sewers. Applications for adoption of sewers by Southern Water can be made via the online service, Get Connected: developerservices.southernwater.co.uk

We request that should this planning application receive planning approval, the following informative is attached to the consent: Construction of the development shall not commence until details of the proposed means of foul sewerage and surface water disposal have been submitted to, and approved in writing by, the Local Planning Authority in consultation with Southern Water.

This initial assessment does not prejudice any future assessment or commit to any adoption agreements under Section 104 of the Water Industry Act 1991. Please note that non-compliance with Sewers for Adoption standards will preclude future adoption of the foul and surface water sewerage network on site. The design of drainage should ensure that no groundwater or land drainage is to enter public sewers.

It is possible that a sewer now deemed to be public could be crossing the development site. Therefore, should any sewer be found during construction works, an investigation of the sewer will be required to ascertain its ownership before any further works commence on site.



For further advice, please contact Southern Water, Southern House, Yeoman Road, Worthing, West Sussex, BN13 3NX (Tel: 0330 303 0119).

Website: southernwater.co.uk or by email at: SouthernWaterPlanning@southernwater.co.uk

Yours faithfully,

Growth Planning Team
Business Channels

southernwater.co.uk/developing-building/planning-your-development