



from
Southern Water 

Gravesham Borough Council
Civic Centre
Windmill Street
Kent
DA12 1AU

Your ref
20251116

Our ref
DSA000049337

Date
5th December 2025

Contact
Tel 0330 303 0119

Dear Sir/Madam,

Proposal: Outline application with all matters reserved (except access) for a development of up to 150 dwellings (Use Class C3), including affordable dwellings, and associated landscaping, public open space and infrastructure works.

Site: Land West of Norwood Lane, Meopham, Gravesend, Kent, DA13 0YE.

Thank you for your correspondence. Please see our comments below regarding the above planning consultation application.

No capacity

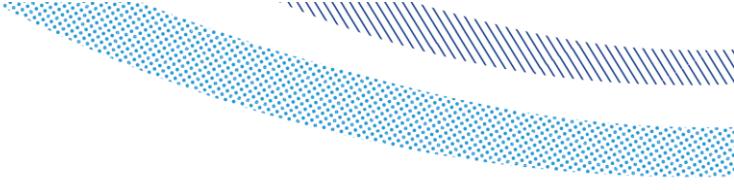
Network Capacity refers to the available capacity in our underground assets that carry wastewater to Waste Water Treatment Works (WWTWs). This includes a range of pipe sizes and material types, Wastewater Pumping Stations (WPS) and supporting infrastructure.

Some capacity issues may be addressed with operational changes, others may require physical works on our assets. We may identify where several developments would benefit from a larger network reinforcement programme to serve them all where significant growth is taking place in close proximity.

Part of our evaluation looks at the risk of flooding incidents arising from the additional flow of material in terms of 'hydraulic overload'. This means we consider whether there is enough room in the pipes for the likely maximum flow from the connection itself. This assessment does not include random events such as ingress of water from broken pipes, changes in flow arising from blockages or unidentified additional flows from misconnections, these are dealt with through other processes outside of our asset growth planning team as they are operational incidents.

Network Capacity is independent of capacity at the WWTW and growth is planned in a different way though in some cases we may have parallel projects to both reinforce both the network and upgrade the treatment works but this is often not required.

For full details of our connection charging arrangement visit: Connection charging arrangements (southernwater.co.uk)



Southern Water has undertaken a capacity check of the impact that the additional foul sewerage flows from the proposed development will have on the existing public sewer network. This study indicates that these additional flows may lead to a minor increased risk of impact on the sewer network.

Sufficient capacity

There is currently adequate capacity in the local sewerage network to accommodate a 50% foul flow of 0.68 l/s for the above development at manhole reference TQ64677301. Please note that no surface water flows (existing or proposed) can be accommodated within the existing foul sewerage system unless agreed by the Lead Local Flood Authority in consultation with Southern Water, after the hierarchy Part H3 of Building Regulations has been complied with.

Water capacity

Southern Water has completed a capacity assessment of the local network to determine our ability to provide a water supply to service the above proposed development. The assessment indicates that additional off-site mains or upgrades to existing infrastructure will be required to provide sufficient capacity.

Where Southern Water identifies that network reinforcement is necessary to support planned growth, and the developer intends to connect to the public water supply, we will request that the Local Planning Authority (LPA) apply relevant planning conditions. These conditions enable the LPA to review submitted details in line with Southern Water's assessment of the impact on existing water infrastructure. It is important to note that the timing of infrastructure improvements by the water company may not always align with development timelines. In such cases, the LPA may need to consider phasing the development, for example by ensuring that occupation does not take place until the necessary enhancements to the public water network have been completed.

Condition

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 network reinforcement required to ensure that adequate water network capacity is available to the development.

Tree planting

We have restrictions on the proposed tree planting adjacent to Southern Water sewers, rising mains or water mains. Reference should be made to Southern Water's publication "A Guide to Tree Planting near water Mains and Sewers" (https://www.southernwater.co.uk/media/pddob0vn/ds-tree-planting-guide-1_nwm.pdf) and the Sewerage Sector Guidance (<https://www.water.org.uk/sewerage-sector-guidance-approved-documents/>) with regards to any landscaping proposals and our restrictions and maintenance of tree planting adjacent to sewers, rising mains and water mains.

Condition

In order to protect public apparatus, Southern Water requests that if consent is granted, the following pre commencement condition is attached to the planning permission; The developer must advise the local authority (in consultation with Southern Water) of the landscaping proposals in proximity of

public apparatus in order to protect it in accordance with Southern Water's guidance, prior to the commencement of the development.

Proposed SuDS features

If it is the intention of the developer for Southern Water to adopt the proposed SuDS, the system shall be designed and constructed in line with the Design and Construction Guidance www.water.org.uk/sewerage-sector-guidance-approved-documents/.

No Soakaways should be connected to the public surface water sewer.

The supporting documents make reference to drainage using Sustainable Drainage Systems (SuDS). Where SuDS form part of a continuous sewer system, and are not an isolated end of pipe SuDS component, adoption of SuDS will be considered if requested by the developer if they comply with: Design and Construction Guidance (Appendix C), CIRIA guidance and Southern Water SuDS Guidance available here:

[https://www.water.org.uk/sewerage-sector-guidance-approved-documents/](http://www.water.org.uk/sewerage-sector-guidance-approved-documents/)

[https://www.ciria.org/ItemDetail?iProductCode=C753F&Category=FREEPUBS](http://www.ciria.org/ItemDetail?iProductCode=C753F&Category=FREEPUBS)

[https://www.southernwater.co.uk/media/l4ndl3db/suds-final-080824.pdf](http://www.southernwater.co.uk/media/l4ndl3db/suds-final-080824.pdf)

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.

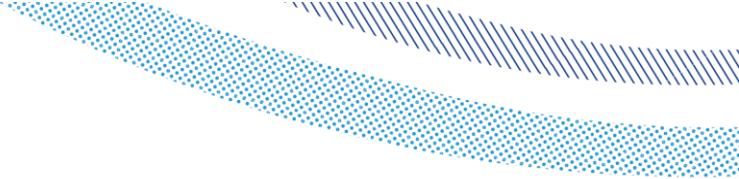
This should include the arrangements for adoption by any public authority or statutory undertaker and any other arrangements to secure the operation of the scheme throughout its lifetime.

This initial assessment does not prejudice any future assessment or commit to any adoption agreements under Section 104 of the Water Industry Act 1991.

S106 Connection application

Any new connections to the public sewerage system will require a Section 106 connection application to be submitted and approved by Southern Water Services. Please note that, where there are separate systems available Southern Water will not allow surface water to connect into the public foul sewer. If this is not possible, please provide evidence that all other options have been explored.

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,
Future Growth Planning Team
southernwater.co.uk/developing-building/planning-your-development