



Department of Planning and
Development
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Developer Services
Southern Water
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SO21 2SW

Tel: 0330 303 0119

Email: southernwaterplanning@atkinsglobal.com

Your Ref

APP/18/00672

Our Ref

PLAN-023966

Date

13/08/2018

Dear Sirs,

Proposal: Erection of 46no. dwellings with associated parking, access from Westwood Close, diversion of Havant Footpath 73, landscaping and surface water drainage. Felling and works to trees within Area A1, subject to TPO 2071. Site: Land off Westwood Close, Emsworth, PO10 7QL. APP/18/00672

Thank you for your letter of 24/07/2018.

Please find attached a plan of the sewer records showing the approximate position of a public foul and surface water sewers crossing the site. The exact position of the public sewers must be determined on site by the applicant before the layout of the proposed development is finalised.

The attached plan shows that the proposed development lies over or within a clearance distance of public foul and surface water sewer, which is not acceptable to Southern Water. We request that if this application is determined, the applicant should produce a suitable layout maintaining the statutory clearance distance for public sewers.

Please note that:

1. The 450 mm diameter surface water sewer and outfall requires a clearance of 3.5 metres either side of the sewer to protect it from construction works and allow for future access for maintenance. No development or new tree planting should be located within 3.5 metres either side of the external edge of the public surface water sewer.

2. The 375 and 225 mm diameter sewers require a clearance of 3 metres either side of the sewer to protect it from construction works and allow for future access for maintenance. No development or new tree planting should be located within 3 metres either side of the external edge of the public foul sewers.
3. No soakaways, swales, ponds, watercourses or any other surface water retaining or conveying features (including tanked permeable paving) should be located within 5 metres of a public or adoptable sewers.
4. All other existing infrastructure should be protected during the course of construction works.

Alternatively, the applicant may wish to amend the site layout, or combine a diversion with amendment of the site layout. It might be possible to divert the public foul sewer, so long as this would result in no unacceptable loss of hydraulic capacity, and the work was carried out at the developer's expense to the satisfaction of Southern Water under the relevant statutory provisions. If the applicant would prefer to advance these options, items (1) – (4) above also apply.

In order to protect drainage apparatus, Southern Water requests that if consent is granted, a condition is attached to the planning permission. For example "The developer must advise the local authority (in consultation with Southern Water) of the measures which will be undertaken to protect and divert the public sewers, prior to the commencement of the development."

Furthermore, due to changes in legislation that came in to force on 1st October 2011 regarding the future ownership of sewers it is possible that a sewer now deemed to be public could be crossing the above property. Therefore, should any sewer be found during construction works, an investigation of the sewer will be required to ascertain its condition, the number of properties served, and potential means of access before any further works commence on site.

The applicant is advised to discuss the matter further with Southern Water, Sparrowgrove House Sparrowgrove, Otterbourne, Hampshire SO21 2SW (Tel: 0330 303 0119) or www.southernwater.co.uk.

The impact of any works within highway / access road on public apparatus will need to be agreed and approved in consultation with Southern Water under NRSWA enquiry in order to protect public apparatus.

Southern Water has undertaken a desk 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 there is an increased risk of flooding unless any required network reinforcement is provided by Southern Water. Any such network reinforcement will be part funded through the New Infrastructure Charge with the remainder funded through Southern Water's Capital Works programme.

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.

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 waste water network capacity is available to adequately drain the development”

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 program 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 works required (If any) and to design such works in the most economic manner to satisfy the needs of existing and future customers.

Our assessment of the timescales needed to deliver network reinforcement will consider an allowance for the following:

Initial feasibility, detail modelling and preliminary estimates.
Flow monitoring (If required)
Detail design, including land negotiations.
Construction.

The overall time required depends on the complexity of any scheme needed to provide network reinforcement. Southern Water will seek however to limit the timescales to a maximum of 24 months from a firm commitment by the developer to commence construction on site and provided that Planning approval has been granted.

The planning application form makes reference to drainage using Sustainable Urban Drainage Systems (SUDS). Under current legislation and guidance SUDS rely upon facilities which are not adoptable by sewerage undertakers. Therefore, 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 application details for this development indicate that the proposed means of surface water drainage for the site is via a watercourse. The Council's technical staff and the relevant authority for land drainage consent should comment on the adequacy of the proposals to discharge surface water to the local watercourse.

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 foul and surface water sewerage 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.

Yours sincerely



Marta Karpezo
Developer Services