



Head of Planning Services
West Sussex County Council
The Grange
Tower Street
Chichester
West Sussex
PO19 1RH

Your ref
WSCC/011/21

Our ref
PLAN-039097

Date
20/05/2021

Contact
Tel 0330 303 0119

Dear Sir/Madam,

Proposal: Demolition of existing buildings and structures and construction and operation of an energy recovery facility and a waste sorting and transfer facility for treatment of municipal, commercial and industrial wastes, including ancillary buildings, structures, parking, hardstanding, and landscape works.

Site: WSCC/011/21: - Ford Circular Technology Park, Ford Road, Ford BN18 0XL.

Thank you for your letter dated 13/04/2021.

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

The impact of any works within the highway/access road on public apparatus shall be assessed and approved, in consultation with Southern Water, under a NRSWA enquiry in order to protect public apparatus. Please send these enquiries to Developer.Services@southernwater.co.uk

The planning application form makes reference to drainage using Sustainable Urban 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:

water.org.uk/sewerage-sector-guidance-approved-documents/

[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 disposal of surface water from this development shall follow the hierarchy within Part H3 of Building Regulations:

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- a) An adequate soakaway or some other adequate infiltration system.
 - b) A water course.
 - c) Where neither of the above is practicable: a sewer.

The proposed development is located adjacent to the Ford Wastewater Treatment Works. A precautionary buffer zone distance of 500 metres from the perimeter fence of the WWTW has been used for the purposes of this planning consultation response.

Due to the potential odour nuisance from a Wastewater Treatment Works, no habitable development should be located within the 1.5 OdU odour contour of the WWTW. An Odour survey will need to be carried out to a specification agreed with Southern Water to identify and agree the 1.5 OdU contour.

In order to apply for a discharge consent, you will need to engage a Water Retailer and submit the application through them. All charges for the trade effluent application and ongoing billing will be through the Retailer.

Trade Effluent application process for non-household (NHH) customers has changed since April 2017. This was a governmental decision to open the Market to competition. In order to apply for a consent, you will need to engage a Retailer and submit the application through them.


Southern Water (SW) is still the owner of assets (Wholesaler), but all administrative or billing matters are conducted by the Retailer of your choice as SW did not enter the Retail market at this point in time. Attached is a link to the Open Water website that lists Retailers available. Please note that not all Retailers will provide a Trade Effluent service. open-water.org.uk/for-customers/find-a-retailer/suppliers/english-water-and-wastewater-retailers

Once we have received an application via your appointed water retailer, we have 2 months to issue a consent or refuse the application. Any permit/consent to the environment eg lakes/rivers/streams should be made by the discharger to the EA.

The design of the proposed basements and on-site drainage system should consider the possibility of surcharging within the public sewerage system in order to provide the protection from the risk of flooding.

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.



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).

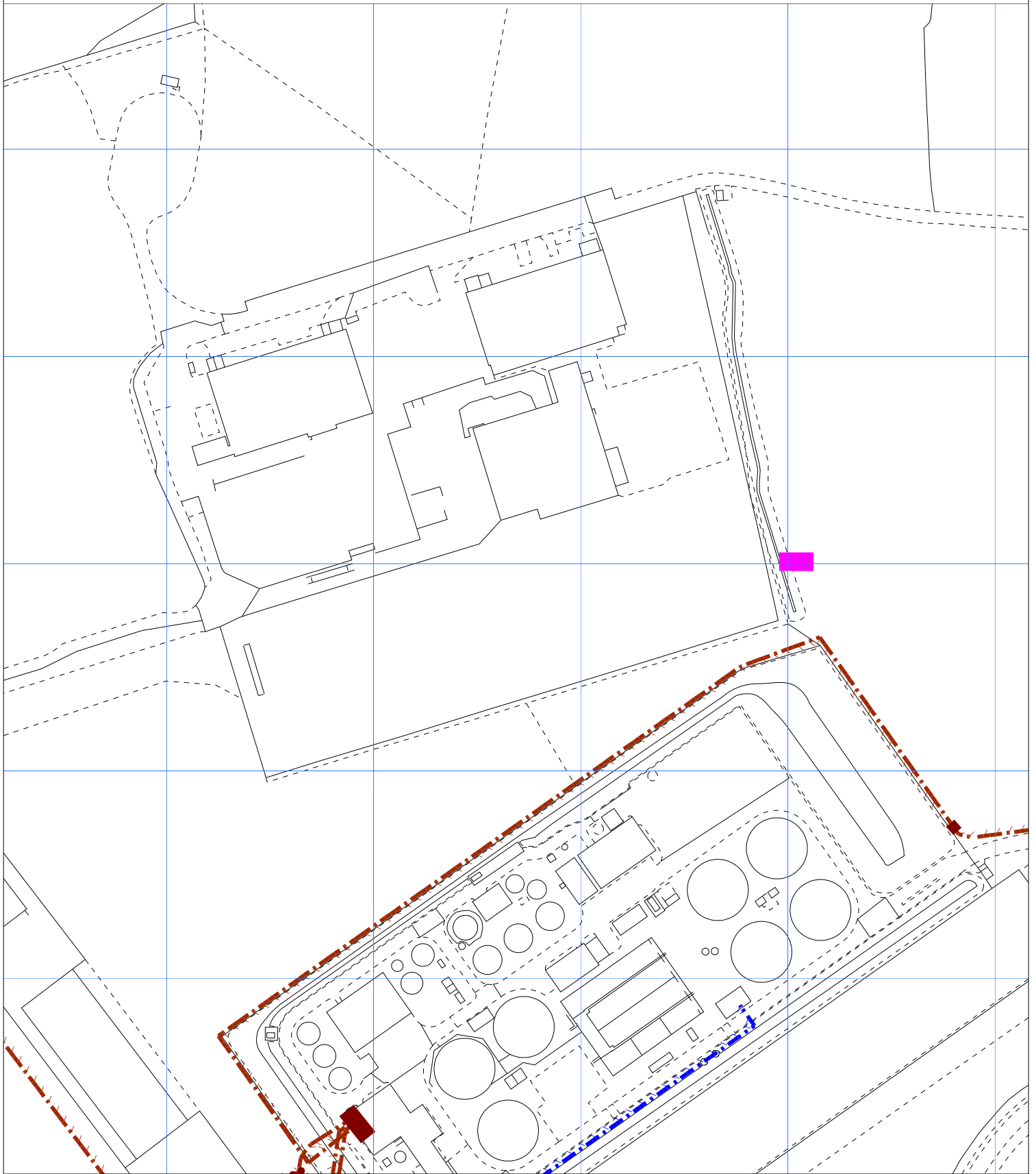
Website: southernwater.co.uk or by email at: SouthernWaterPlanning@southernwater.co.uk

Yours faithfully,

Growth Planning Team
Business Channels

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

SOUTHERN WATER



The positions of pipes shown on this plan are believed to be correct, but Southern Water Services Ltd accept no responsibility in the event of inaccuracy. The actual positions should be determined on site.

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O.S. REF: SU9903SW

Scale: 1:2500

Screen Print

WARNING: BAC pipes are constructed of Bonded Asbestos Cement

WARNING: Unknown (UNK) materials may include Bonded Asbestos Cement



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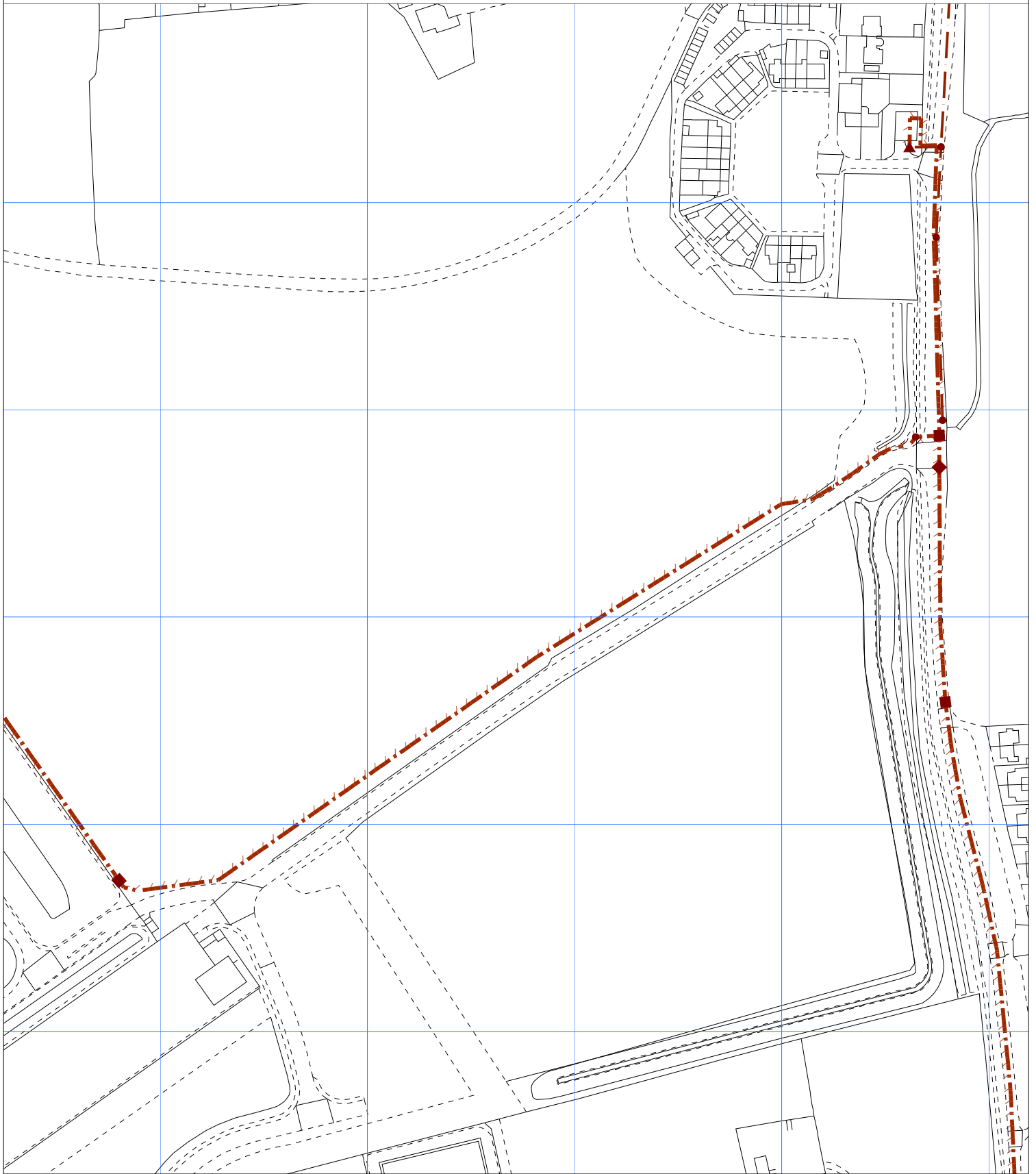
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