

Dear Mr L Oliver,

Thank you for consulting us on the above planning application regarding additional information submitted.

The additional information does not include the requested detailed drainage layout together with details hydraulic calculations (**Network Hydraulic Calculations**). As our formal response dated 10th February 2020 stated:

- *Drainage layout drawings at an identified scale (minimum 1:500) 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 system, including the connection to the public sewer network, and inform the design of the surface water drainage strategy. 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 40% climate change allowance) rainfall events**. The drainage features should have the same reference that the submitted drainage layout.*
- *Evidence that runoff exceeding design criteria has been considered. Calculations and exceedance flow diagram/plans must show where above ground flooding might occur and where this would pool and flow.*

Until the aforementioned information is submitted, our formal response **still stands**.

The additional Source Control Calculations indicate that Surface Water to the public surface water sewer will be limited to 4 l/s. While we would accept that discharge rate bearing in mind that this is a brownfield site which is mostly permeable, there is no information on the planning website which demonstrate that Southern Water has agreed to the proposed discharge rate, which will have an impact on the requested hydraulic calculations. As the letter from Southern Water states:

“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.”

Kind regards,
Santi

Santiago Manzanero