

Neil Greenwood
CAPITA SYMONDS LTD
Symonds House Wood Street
East Grinstead
RH19 1UU

Our ref: HA/2021/122986/03-L01
Your ref: ENVPAC/1/SSD/00179
Date: 12 April 2021

Dear Mr Greenwood

**REVIEW OF DOCUMENTS - A29 REALIGNMENT LAND TO THE NORTH OF
EASTERGATE AND NORTH-WEST OF BARNHAM, PO22 0DF**

Thank you for accepting our offer to provide detailed planning advice. We have reviewed the following documents:

Hydrogeological Detailed Quantitative Risk Assessment (DQRA) for the A29 Realignment (dated March 2021)

We are providing this advice under Agreement No.ENVPAC/1/SSD/00179. Please note we have taken 6 hours to review and provide our advice on these documents which is slightly less than we estimated in our Programme of Works. The revised total will now be £600 plus VAT which is payable on receipt of our invoice.

Environment Agency Advice

We have reviewed the submitted information in relation to the proposed development and have the following detailed comments.

We understand that contaminated soils have been encountered in the area of the future Fontwell Avenue roundabout associated with an infilled gravel pit. Exceedances of PAH, TPH and some metals were encountered and that the DQRA has been produced to

derive site specific target levels for the remediation of this area.

The area of the proposed development as described in the DQRA is sited on London Clay and within the groundwater source protection zones 1c and 2c for Portsmouth Waters public water supply abstraction at Eastergate. This abstraction is from the Chalk aquifer which at this location is overlain by a significant thickness of London Clay and Lambeth Group which should offer it protection from the contamination identified and we accept the conclusion of the DQRA that this aquifer is not a significant potential receptor.

The receptors identified are the surface water drains which lead to the Lidsey Rife (820m south) and the superficial head deposits (with a 50m compliance point) and we support the remedial target methodology and concentrations proposed and detailed in Table 11 and 12. The use of background concentrations where the derived SSTL's are impractical is considered acceptable.

Following removal of the materials we look forward to reviewing the validation report to demonstrate the source material has been reduced and does not pose any further significant risk to controlled waters. I note that soakage infiltration areas are proposed and the effects of increased hydraulic gradients is not considered to be significant. The validation report will need to be submitted for review and taken into account in any application for the discharge of the SuDS infiltration of surface water condition.

I hope the above advice is helpful. If there is any further work you anticipate needing our detailed advice on in relation to this project please contact me on the details below.

Yours sincerely

Mrs Sophie Brown
Sustainable Places Planning Advisor

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Disclaimer

Our opinion is based on the information available to us at the time of the enquiry. When the formal planning application is submitted, our position may change if there have been changes to environmental risk or evidence, and/or planning policy.