

Dear Sir/Madam,

Thank you for consulting Portsmouth Water on the above planning application. Portsmouth Water wish to make the following comments to insure the proposed development is low risk to groundwater. We recognise the deadline for comment has passed but hope are comments are taken into consideration.

Surface Water drainage

The proposed development lies within an area of sensitive groundwater used for human consumption and lies in a Source Protection Zone One C (SPZ1C) of the Havant & Bedhampton Springs groundwater supply. The Springs are a public water supply that abstracts groundwater for public consumption. Due to the sensitivity of the aquifer Portsmouth Water have a presumption against the use of deep bore soakways for surface water disposal.

Piling & Foundations

The proposed works are situated in a sensitive groundwater catchment and there are potentially significant risks associated with groundworks in this area. Piling or any other foundation designs using penetrative methods can pose a risk to potable supplies from, for example, turbidity, mobilisation of historical contaminants, drilling through different aquifers and creation of preferential pathways. Thus, if piling is required it should be demonstrated that any proposed piling will not result in contamination of groundwater.

Many thanks

Kind regards

Beth Fairley

RoSPA 2017 President's Award Winner

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