

**CONSULTATION UNDER THE TOWN AND COUNTRY PLANNING
(DEVELOPMENT MANAGEMENT PROCEDURE ENGLAND) ORDER 2015**

Applicant:	Reside Developments Ltd
Planning Application Reference:	BN/147/21/OUT
Proposal:	Outline application with all matters reserved (except access) for the erection of up to 8 No. dwellings.
Location:	Land west of Fontwell Avenue Fontwell Avenue Eastergate PO20 3RX
Date:	20 December 2021

Portsmouth Water's Position

The site lies 151 meters south of a potable abstraction owned by Portsmouth Water and is located within the Source Protection Zone 1c (SPZ1c) for this Public Water Supply Source. The SPZ1c relates to subsurface activity only, where the Chalk aquifer is confined and may be impacted by deep drilling activities. Subterranean activities such as deep drainage solutions and/or piling may pose a risk to groundwater quality at the local public water supply source.

The site lies superficial Head deposits overlying the Lambeth Group bedrock. The geology beneath the site is classified as a Secondary A Aquifer. Deep groundwater flows north towards the Source Protection Zone abstraction source. Therefore, all measures to prevent pollution during and post construction are required in order to safeguard the local public water supply.

Drainage

The proposed surface water strategy is disposal via infiltration with a combination of soakaways and permeable pavements. The main roads, parking courts and private drives run off will be managed through permeable pavings. Roof water will be conveyed to cellular crate soakaways. The soakaways are to be shallow in nature and this is acceptable in relation to groundwater protection. If deep bore soakaway(s) are the proposed drainage solution, the application for the construction and installation should be accompanied by an adequate risk assessment demonstrating how the risk to groundwater would be mitigated in the proposed design.

The proposed foul water strategy is discharge into the exiting foul main sewers; this is acceptable to Portsmouth Water in relation to groundwater protection. Portsmouth Water require the use of the highest specification pipework and designs for schemes involving new sewerage systems in SPZ1 to minimise leakage.

We wish to be consulted if there are any deviations from these proposals.

Piling & Foundations

Portsmouth Water would have no objection to piling at this location if the piles terminate within the Clay cover, if the piles penetrate the full depth of the Clay cover we would expect a piling risk assessment and method statement (detailing the depth and type of piling to be undertaken and the methodology by which such piling will be carried out, including measures to prevent and minimise the potential for damage to subsurface water infrastructure, vibration and the programme for the works).

Catchment Management Team
Portsmouth Water

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