

Registered Office:
Portsmouth Water Ltd
PO Box 8
Havant
Hampshire PO9 1LG

Tel: 023 9249 9888
Fax: 023 9245 3632
Web: www.portsmouthwater.co.uk

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

Planning Application Reference:	APP/19/00950
Proposal:	Proposed change of use and conversion and extension of existing garage block A to create 1No. 3 bedroom detached dwelling with associated car parking and bike and bin storage, reconfiguration of existing vehicular access, new gate and boundary wall, and associated works to garage block B.
Location:	Garage blocks, Willowdene Close, Havant
Date:	23 October 2019

Portsmouth Water have reviewed this application for the creation of 1No 3 bedroom detached dwelling with associated car parking and works, Havant.

Site Setting

The site is located in Source Protection Zone 1c (SPZ1c) for the Havant and Bedhampton springs; an essential 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 drainage solutions and/or piling may pose a risk to groundwater quality and our supply at Havant and Bedhampton Springs

Portsmouth Water's Position

Portsmouth Water have no objects in principle to the proposed development, however due to the sensitivity of the groundwater environment of the proposed site we would wish to see more detail provided regarding the planned drainage and foundation designs for the site.

Drainage

The proposed surface water strategy is disposal by soakaway, if these are shallow in nature this will be acceptable to Portsmouth Water in relation to groundwater protection and we would have no further comments on surface water drainage for the site.

Portsmouth Water has a presumption against deep bore soakaways in this area. If deep bore soakaways are the proposed drainage solution, the application for the construction and installation of these features should be accompanied by an adequate risk assessment demonstrating how the risk to groundwater would be mitigated in the proposed design.

Based on the information provided in the application form the current foul water sewage disposal is unknown. Portsmouth Water require the use of the highest specification pipework and designs for schemes involving new sewerage systems in SPZ1 to minimise leakage.

Piling & Foundations

Portsmouth Water require details of the proposed foundation solution for the development, the proposed works are situated in a sensitive groundwater catchment and there are potentially 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 pose a risk to groundwater.

Catchment Management Team
Portsmouth Water

catchment.management@portsmouthwater.co.uk