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**CONSULTATION UNDER THE TOWN AND COUNTRY PLANNING
(DEVELOPMENT MANAGEMENT PROCEDURE ENGLAND) ORDER 2010**

Planning Application Reference:	APP/18/01204
Proposal:	Erection of 1No.4 bed detached dwelling, attached double garage and parking with access from Maylands Road
Location:	Land adj to 1 Maylands Road, Havant, PO9 3NP
Grid Ref:	SU 69931 06639
Date:	04 January 2019

Portsmouth Water have reviewed the application for erection of 1 No.4 bed detached dwelling, attached double garage and parking with access from Maylands Road, and have the following comments.

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 comment on the planned drainage and foundation strategies for the site.

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, site investigation boreholes and/or piling may pose a risk to groundwater quality and our supply at Havant and Bedhampton Springs.

Drainage

Based on the information provided in the application form we understand that surface water from the site will discharge via main sewers, this is acceptable to Portsmouth Water in relation to groundwater protection.

The foul water drainage strategy for the site is additionally disposal via main sewer with connections to an existing drainage system. 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

The proposed site is situated in a sensitive groundwater catchment and there are potential significant risks associated with groundworks in this area.

Portsmouth Water would have an presumption against piling at this location and therefore, if piling is the proposed foundation solution, no piling shall take place until a piling 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) has been submitted to and approved in writing by the local planning authority in consultation with Portsmouth Water.

Any piling, if proposed, must be undertaken in accordance with the terms of the approved piling method statement.

Reason: 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. Therefore, penetrative foundation methods have the potential to impact on the underlying groundwater and thus the Havant and Bedhampton Springs public water supply.

Catchment Management Team
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