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

Applicant:	Mr Gibbs
Planning Application Reference:	APP/18/01125
Proposal:	Erection of 1No. 3bed detached chalet bungalow with associated parking and access.
Location:	8 Westbrook Grove, Waterlooville, PO7 5HX
Date:	18 December 2018

Portsmouth Water have reviewed the application for the erection of 1No. 3bed detached chalet bungalow with associated parking and access 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 see more detail provided regarding the planned drainage and foundation designs 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

The proposed surface water strategy is disposal via soakaway, this is acceptable for roof water only, no further details have been provided.

If runoff from highways, roads and/or parking areas are proposed to be discharge via soakaways Portsmouth Water would request further information relating to the number of parking spaces and any pollution prevention/mitigation measures proposed.

The foul water drainage strategy for the site will be disposal via main sewer however no information is available to whether the proposed design comprises the connection 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. Please provide details of the proposed foul drainage strategy for the site once available.

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.

Portsmouth Water require further information on foundation design be submitted for detailed consideration. This should include as a minimum:

- a) the methods to be used;
- b) the design depths of the various structures involved and rationale;
- c) the density of piling, if any; and
- d) details of materials to be removed or imported to site.

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.

Catchment Management Team
Portsmouth Water

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