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

Planning Application Reference:	APP/19/00748
Proposal:	Single storey extension to north side of existing Community Centre to create additional multi-use project room.
Location:	The Acorn Centre, 3 The Kestrels, Eagle Avenue, Waterlooville, PO8 9GX
Date:	03 October 2019

Portsmouth Water have reviewed this application for a single storey extension to The Acorn Centre in Waterlooville and have the following comments.

Site Setting

The site is located in Source Protection Zone 1 (SPZ1) for Havant and Bedhampton springs; an essential public water supply source. The site lies on Made Ground overlying Superficial Deposits, which in turn overlie Bedrock. The Superficial Deposits are Head and the Bedrock consists of Lambeth Group overlying Tarrant Chalk member. The geology underlying the site is classified as Secondary A Aquifers overlying a Principal Aquifer. The proposed development site is located in a sensitive area with regards to groundwater protection and the local public water supply source, all measures to prevent pollution during and post construction are required in order to safeguard the local public water supply.

Drainage

Based on the information provided in the application form we understand the proposed surface water drainage strategy for the site will be discharge to a main sewer, this is acceptable to Portsmouth Water in relation to groundwater protection. Southern Water should be consulted on the suitability of this proposal for surface water disposal. Portsmouth Water require the use of the highest specification pipework and designs for schemes involving new sewerage systems in SPZ1 to minimise leakage. Portsmouth Water have no further comments on the surface water drainage strategy.

There will be no requirement for a new foul sewer connection, therefore Portsmouth Water have no further comments on foul water drainage for the site.

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 a presumption against piling at this location if the piles penetrate the full depth of the Clay cover. We would have no objection to piled foundations that terminate within the Clay cover; in this instance 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) to be 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.

Catchment Management Team
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