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

Planning Application Reference:	APP/19/01017
Proposal:	Single storey dining room extension and associated works.
Location:	Oaklands RC School, Stakes Hill Road, Waterlooville, PO7 7BW
Date:	05 November 2019

Portsmouth Water have reviewed the application for a single storey extension and associated works at Oaklands RC school and have the following comments.

Site Setting

The site lies on Sand, Silt and Clay bedrock overlying Chalk and is located within the 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 deep infiltration 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 would not object to the proposed development in principle, however due to the sensitivity of the groundwater environment we would wish to be further consulted on the drainage and foundation designs.

Drainage

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

Portsmouth Water would have a presumption against deep bore soakaway disposal in this area. 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.

Reason- The proposed development lies within an area of sensitive groundwater used for human consumption. Deep infiltration systems can provide a pathway for contaminants. Any contamination present may pose a risk to groundwater underlying the site and to the surrounding drinking water supplies.

Based on the information provided in the application form there is no requirement for foul sewage disposal.

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 piling was the proposed foundation solution, no piling shall take place until a piling method statement and risk assessment (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.

Catchment Management Team
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