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

Planning Application Reference:	APP/19/00551
Proposal:	Erection of side extension to existing industrial building.
Location:	10 Aston Road, Waterloooville, PO7 7XG
Date:	20 June 2019

Portsmouth Water have reviewed the application for the erection of side extension to existing industrial building, Waterloooville. Our response is based on the review of the following documents:

APP_19_00551-EXISTING___PROPOSED_PLANS-1175556
APP_19_00551-PLANNING_STATEMENT-1175555
APP_19_00551-APPLICATION_FORM-1175558

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 objections 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 foul water drainage, foundation design and pollution prevention measures for the site.

Drainage

The surface water strategy according to the application form will be disposal by main sewers, this is acceptable to Portsmouth Water in relation to groundwater protection. Portsmouth Water have no further comment on the surface drainage for the development.

The foul water drainage strategy for the development is currently unknown, please provide details of the proposed foul drainage strategy for the development. 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 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.

Construction Environmental Management Plan (CEMP)

Portsmouth Water request a Construction Environmental Management Plan (CEMP) is provided for comment outlining all pollution mitigation measures to be adopted during the construction phase. This should include management of overland runoff, storage of hazardous materials, chemical and hydrocarbons on site and temporary drainage infrastructure to ensure that water resources are not put at risk from leaks or spillages.

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