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

Planning Application Reference:	APP/18/01033
Proposal:	Residential development comprising 69 No. dwellings with access from St George's Avenue together with access, car parking, landscaping, electrical substation and associated works
Location:	Land East of, Castle Avenue, Havant
Grid Ref:	SU73056 06323
Date:	22 March 2019

Portsmouth Water have reviewed the additional documentation in support of planning application APP/18/01033 and have the following comments. Our response is based on the review of the following documents:

APP_18_01033-DRAINAGE_NOTE_DATED_FEB_19-1160871
APP_18_01033-CONSTRUCTION_ENVIRONMENTAL_MANAGEMENT_PLAN_FEB_2019-1161089

Drainage

The proposed drainage strategy for surface and foul water is to existing and new main sewers, this is acceptable to Portsmouth Water in relation to groundwater protection. 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 surface and foul water drainage for the site.

Piling & Foundations

According to the submitted Construction Environmental Management Plan no piling is currently proposed at the site. 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.

The Geo-Environmental report by Enzygo provides geotechnical recommendations in relation to foundations, consideration has been given to the use of conventional strip foundations. Portsmouth Water would welcome this foundation design due to its shallow nature.

Construction Environmental Management Plan (CEMP)

Portsmouth Water welcomes the submission of a CEMP to support this application and has the following comments.

Section 9.7 mentions underground oil storage, Portsmouth Water would have significant concerns over underground oil storage at the site.

In the event of a pollution incident both the Environment Agency and Portsmouth Water should be notified, therefore could Section 13.4 of the CEMP be amended that Portsmouth Water are also notified in the event of a major spillage. Furthermore, in the site incident response/emergency plan a pollution incident contact list should be provided which should include the Environment Agency's Incident Hotline contact details: 0800 807060 and Portsmouth Water's Catchment Management email address: catchment.management@portsmouthwater.co.uk.

Portsmouth Water has no further comments on the CEMP.

Catchment Management Team
Portsmouth Water

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