

Our Ref: LD/WSC/E4736/17822

Your Ref:

10th March 2021

Arun District Council Planning Authority

C/O

Dandara (Southern) Limited

Dear Sirs

**LAND OF FONTWELL AVENUE-DISCHARGE OF PLANNING CONDITION 15 REFERENCE
WA/99/20/DOC**

We write to you in relation to the planning consultee response dated 17th February 2021. With reference to recent correspondence via email from Portsmouth Water dated 9th March 2021, we note the request for confirmation that the soakaways are above the primary chalk strata with a layer of geology below the base of soakaways and the primary chalk strata itself.

The soakaways have been designed to achieve the base level being above the perched ground water level, these soakaways do not lie within the primary chalk strata that Portsmouth Water are concerned with.

The borehole logs within the LEAP Phase 2 Soils Investigation Report indicate that the primary chalk strata was not encountered in any of the boreholes undertaken upto a maximum 6m depth. Soakaway 3 is the deepest in relation to existing ground levels at approximately 4.5m depth which is sufficiently above the primary chalk strata. The respective soakaway and corresponding depth in relation to existing ground levels are indicated in Table 1 overleaf.

Architectural and Civil Engineering
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Rogers Cory Partnership Limited
The Old School, Old School Road
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Figures 3 to 5 within the Soils Investigation Report indicate the primary chalk strata is encountered between 17 and 14.5mAOD approx. in the sections undertaken.

Table 1

Soakaway	Highest existing ground level above soakaway (mAOD)	Base Level (mAOD)	Maximum Depth below existing ground level (m)
1	30.25	27.62	2.63
2	26.10	21.85	4.25
3	26.15	21.62	4.53
4	27.25	23.075	4.18
5	25.80	22.84	2.96

Should you need any further information do not hesitate to contact me.

Your sincerely

LEON DARRELL

PRINCIPAL ENGINEER

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