

From: Matt Paddock [redacted]  
Sent: Friday 9 September 2022 16:03  
To: [redacted]  
Cc: [redacted]  
Subject: RE: Eldon Grove

Derek,

Further to the below email and our telephone call, we have the following comments

- Query 4) The water encountered in the wells is not considered to be representative of a water table, but a non-continuous perched water body or surface water inflow into the wells and therefore, the proposed basement would not extend below a water table. As stated by the Hydrogeologist employed (Chord Environmental – John Evans) for their specialist advise for the screening:  
"In the absence of continuous sand strata, the Claygate Member is cohesive and as such cannot transmit significant groundwater flow under normal hydraulic gradients. It therefore cannot support a continuous water table as would occur in a permeable and porous medium. Monitored water levels represent either isolated pockets of groundwater (perched water), usually within Made Ground, or undrained collected surface water."
- Query 5) Input data for the ground movement analysis are detailed in Section 5.7.3 of the report. Attached is the .pds files for pdsip on the no 12 basement footprint if CRH need the input parameters for pdsip.

Please feel free to contact me with any further queries.

Kind regards

Matt

**Matt Paddock MSc FGS** | Principal Geo-Environmental Engineer  
Director

