

Satwant Calais
Gregory Hills Development Company Pty Ltd
PO Box 119
Oatlands, NSW 2117

Your Reference
368851

Camden Medical Centre - Groundwater

Our Reference
CA/SR/368851/06-01

17 June 2016

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Medical Centre
Groundwater Letter.docx

Dear Sir,

This letter has been prepared in response to Item 12 of the SEARS response letter assessing the impact to the groundwater of the proposed development.

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Sydney NSW 2000
PO Box Q1678, QVB
Sydney, NSW 1230
Australia

As part of initial investigations of the site, before any development had been undertaken on the site, Douglas Partners undertook a contamination report on the site. As part of this report its states in the conclusions that "as no soil contamination was detected and there were no offsite sources of contamination, groundwater monitoring was not considered to be necessary". Further to this the investigation undertaken by ADE Consulting Group verified that no contaminated material was evident in the imported fill used as part of the bulk earthworks on the site.

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With regards to the groundwater level on the site, geotechnical investigations were undertaken to a depth of 3.5m with no groundwater evident. Further to this as part of the Stage 2 sewer installation works just to the south of the proposed site, work was undertaken up to a depth of approximately RL 93.5 which is approximately 4m deep compared to the existing ground level, with no groundwater being encountered.

As part of these works the proposed lowest level on the site is the basement carpark at an RL of 99.5. At the deepest level of the basement compared to the existing ground level the depth is 2.5m. Taking into account the above information we believe there will be no groundwater issues on the proposed site

If you have any queries please do not hesitate to contact the undersigned.

Yours Faithfully



Sean Reilly
Civil Engineer
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Camden Medical Centre – Department of Primary Industries Water

4 July 2016

Dear Sir,

This letter has been prepared to address the items raised by the Department of Primary Industries Water in response to the SEARS application for the proposed Camden Medical Centre. The table below provides a summary of each of the items raised:

DPI Water Comment	Response
Annual volumes of surface water and groundwater proposed to be taken by the activity (including through inflow and seepage) from each surface and groundwater source as defined by the relevant water sharing plan.	Not applicable. No surface water or groundwater are proposed to be taken for activity as part of the proposed development.
Assessment of any volumetric water licensing requirements (including those for ongoing water take following completion of the project).	Not applicable
The identification of an adequate and secure water supply for the life of the project. Confirmation that water can be sourced from an appropriately authorised and reliable supply. This is to include an assessment of the current market depth where water entitlement is required to be purchased.	Development proposed to be serviced from the Sydney water approved water main to be constructed as part of the Gregory Hills Corporate Park development. Refer to the Camden Medical Campus Stormwater Management and Servicing Strategy Report, Mott MacDonald, May 2016 for details.
A detailed and consolidated site water balance.	Not applicable
Assessment of impacts on surface and ground water sources (both quality and quantity), related infrastructure, adjacent licensed water users, basic landholder rights, watercourses, riparian land, and groundwater dependent ecosystems, and measures proposed to reduce and mitigate these impacts.	Please refer to the letter from Mott MacDonald regarding the groundwater for the site dated 17 th June 2016.
Full technical details and data of all surface and groundwater modelling.	Not applicable.
Proposed surface and groundwater monitoring activities and methodologies.	Not applicable.

Assessment of any potential cumulative impacts on water resources, and any proposed options to manage the cumulative impacts.	Not applicable.
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If you have any queries please do not hesitate to contact the undersigned.

Yours Faithfully



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