



OUT21/5026

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NSW Department of Planning, Industry and Environment

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Dear Mr Macri

**Children's Hospital at Westmead - Multi-storey Carpark (SSD-10434896)
EIS**

I refer to your email of 20 April 2021 to the Department of Planning, Industry and Environment (DPIE) Water and the Natural Resources Access Regulator (NRAR) about the above matter.

The above proposal is for the construction of a new multi-storey carpark at the Children's Hospital at Westmead, in Western Sydney.

DPIE Water and NRAR's post approval recommendations regarding groundwater take and management are in Attachment A.

Any further referrals to DPIE Water and NRAR can be sent by email to landuse.enquiries@dpie.nsw.gov.au or to the following coordinating officer within DPIE Water:

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Yours sincerely

Liz Rogers
Manager, Assessments, Knowledge Division
Department of Planning, Industry and Environment: Water
10 June 2021

Attachment A

Detailed advice to DPIE Planning & Assessment regarding the Children's Hospital at Westmead - Multi-storey Carpark (SSD-10434896) - EIS

1.0 Water Take and Licencing

1.1 Post Approval Recommendation

In the event groundwater is intercepted during construction, the proponent must ensure that any take is appropriately licenced (unless eligible under an exemption (see comment below).

Comment

For take less than 3 megalitres per year (ML/yr) during construction, the proponent is referred to Division 3 Exemptions, Cl. 21 of the NSW Water Management (General) Regulation 2018 regarding relevant conditions.

2.0 Groundwater Management

2.1 Post Approval Recommendation

The proponent should confirm potential for interception of the water table at the detailed design stage.

Explanation

DPIE Water notes depth to competent rock varies across the site and that is not clear, from the information provided, as to the maximum depth of all footings or, therefore, whether interception of the water table – maximum observed level 7.3 mAHD at a single borehole - is likely to occur during construction.

DPIE Water accepts, however, that potential for interception of the water table is limited to certain locations across the site - likely confined to a short duration during installation of footings - and concludes only minor seepage risk, with any inflows likely to be covered by a licencing exemption. Based on the current design, the proposed development is not considered an aquifer interference activity for the purpose of assessment against minimal impact considerations of the NSW Aquifer Interference Policy (AIP).

2.2 Post Approval Recommendation

If Acid Sulfate Soils are encountered prior to or during construction, the proponent should prepare and submit an Acid Sulfate Soils Management Plan.

Explanation

The site is identified in the Parramatta Local Environment Plan (LEP) as having class 5 potential acid sulfate soils. DPIE Water notes the limited potential for intersection of groundwater during construction is unlikely to result in an increased risk and that an acid sulfate soils management plan is not considered necessary for the proposed development.

DPIE Water notes heavy metals contamination was identified at the site which would potentially affect conditions related to discharge of any groundwater. It is assumed that this issue will be addressed in the NSW Environment Protection Authority (EPA) submission.

3.0 Controlled Activities on Waterfront Land

3.1 Post Approval Recommendation

All works on waterfront land as defined by the *Water Management Act 2000* must be in accordance with the NRAR Guidelines for Controlled Activities on Waterfront Land. The NRAR Guidelines can be found <https://www.industry.nsw.gov.au/water/licensing-trade/approvals/controlled-activities/guide>

Explanation

Works separated from Toongabbie Creek by Labyrinth Way are exempt. Works on waterfront land include demolition, earthworks and construction of the upgraded Redbank Road. All works will be surrounded by a sediment fence. Site stormwater will be connected to an existing stormwater network but there will be sediment basin outlets during construction which will be required to be in accordance with NRAR Guidelines.

End Attachment A