Sent: 27/09/2019 7:35:45 PM

Subject: IDAS / S96 Notification from WaterNSW. Your ref DA2019/0505.

Attachments: gta_IDAS1116522.pdf;

Please be advised that WaterNSW has completed its consideration - GRANT. Our ref IDAS1116522.

Copy of GTAs attached.

This is a system generated e-mail. Please do not reply.

Regards, WaterNSW



General Terms of Approval

for proposed development requiring approval under s89, 90 or 91 of the Water Management Act 2000

Reference Number: IDAS1116522

Issue date of GTA: 27 September 2019

Type of Approval: Water Supply Work

Description: 80mm submersible pump

Location of work/activity: 874 & 876 Pittwater Road Dee Why

DA Number: DA2019/0505

Condition Number Details

LGA: Northern Beaches Council

Water Sharing Plan Area: Greater Metropolitan Region Groundwater Sources

The GTA issued by WaterNSW do not constitute an approval under the *Water Management Act 2000*. The development consent holder must apply to WaterNSW for the relevant approval **after development consent** has been issued by Council **and before** the commencement of any work or activity.

	Dewatering
GT0062-00001	Groundwater shall not be pumped or extracted for any purpose other than temporary construction dewatering at the site identified in the development application.
GT0063-00001	An authorisation under the relevant water legislation, such as a Water Access Licence (WAL), shall be obtained for the take of groundwater as part of the activity. For avoidance of doubt, these terms do not represent any authorisation for the take of groundwater, nor do they constitute the grant, or the indication of an intention to grant, any required WAL.
GT0064-00001	An authorisation under the relevant water legislation, such as an Approval, is also required for the works involved in extracting the groundwater. For avoidance of doubt, these terms do not represent any authorisation for the construction or installation of such works.
GT0065-00001	The relevant works must not be carried out, installed or operated until a specialist hydrogeological assessment has been completed by the Department of Planning Industry and Environment, which concludes that adequate arrangements are in force to ensure that no more than minimal harm will be done to any water source, or its dependent ecosystems, as a consequence of the construction or use of the proposed water management work.
GT0066-00001	The design and construction of the building must prevent any take of groundwater after the authorisation has lapsed by making any below-ground levels that may be impacted by any water table fully watertight for the anticipated life of the building. Waterproofing of below-ground levels must be sufficiently extensive to incorporate adequate provision for unforeseen high water table elevations to prevent potential future inundation.
GT0067-00001	Sufficient permanent drainage shall be provided beneath and around the outside of the watertight structure to ensure that natural groundwater flow is not impeded and: a. any groundwater mounding at the edge of the structure shall be at a level not greater than 10 % above the level to which the water table might naturally rise in the location immediately prior to the construction of the structure; and b. any elevated water table is more than 1.0 m below the natural ground surface existent at the location immediately prior to the construction of the structure; and c. where the habitable part of the structure (not being footings or foundations) is founded in bedrock or impermeable natural soil then the requirement to maintain groundwater flows beneath the structure is not applicable.



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GT0068-00001 Construction methods and material used in and for construction shall be designed

to account for the likely range of salinity and pollutants which may be dissolved in groundwater, and shall not themselves cause pollution of the groundwater.

GT0069-00001 The Applicant is bound by the above terms and any other terms and conditions of

the subsequent authorisation(s) required for the extraction of groundwater and the

associated works under the relevant water legislation.

GT0070-00001 Measurement and monitoring arrangements to the satisfaction of WaterNSW are

to be implemented. Weekly records of the volumes of all groundwater pumped and the quality of any water discharged are to be kept and a completion report provided after dewatering has ceased. Records of groundwater levels are to be kept and a summary showing daily or weekly levels in all monitoring bores

provided in the completion report.

GT0071-00001 Following cessation of the dewatering operations and prior to the surrender of any

associated authorisation, the applicant shall submit to WaterNSW the completion report which shall include: a. detail of the volume of water taken, the precise periods and location of water taken, the details of water level monitoring in all of the relevant bores; and b. The location and construction of groundwater extraction works that are decommissioned c. a water table map depicting the aquifer settled groundwater condition and a comparison to the baseline conditions; and d. a detailed interpreted hydrogeological report identifying all actual resource and third party impacts, including an assessment of altered groundwater flows and an assessment of any subsidence or excessive settlement

induced in nearby buildings and property and infrastructure.

SCHEDULE 1

The plans and associated documentation listed in this schedule are referred to in general terms of approval (GTA) issued by WaterNSW for integrated development associated with DA2019/0505 as provided by Council:

 Preliminary Geotechnical Investigation - Asset Geotechnical Engineering Pty Ltd - ref - 4495-1-R1-Rev2