

General Terms of Approval

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

Reference Number:	S961131080
Issue date of GTA:	28 January 2021
Type of Approval:	Water Supply Work
Description:	80mm submersible pump
Location of work/activity:	100 SOUTH CREEK ROAD CROMER 2099
DA Number:	Mod2020/0611
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.

Condition Number	Details
	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's 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.
- GT0106-00001 The proponent must provide the following information to WaterNSW at the time of application. This information will be provided to Department of Planning, Industry and Environment for assessment: a. a robust estimate of the volume of groundwater that is expected to be pumped for the duration of the construction dewatering activity, and annually for the life of the building, supported by detailed description of how the estimate was derived (numerical hydrogeological modelling identifying a reasonable upper limit of take is recommended to avoid future non-compliance with the authorisation extraction limit) b. comprehensive information on the site geology and hydrogeology based on additional detailed intrusive investigations of the subsurface across the depth extent of the basement, further permeability testing of the subsurface, ongoing continuous water level measurements for the period between the modification consent being granted and the application occurring, and periodic groundwater quality sampling and analysis (if not already being done so for contaminated site investigations) c. documented detailed design information of the development including accurate and clearly labelled dimensions of all proposed excavations and below ground structures.

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 Mod2020/0611 as provided by Council:

- Willow Tree Planning (2020), Section 4.55(2) Application for Modification of DA2019/1346 Alterations and Additions to an Existing Industrial Facility 4 – 10 Inman Road, Cromer (lot 1 DP 1220196), ref:WTJ20-472.
- JK Geotechnics (2017), Preliminary Geotechnical Assessment for Proposed Property Purchase at 100 South Creek Road, Cromer, NSW, ref: 30766ZRpt.