

Natural Environment Referral Response - Riparian

Application Number:	DA2021/1060
Date:	20/07/2021
To:	Gareth David
Land to be developed (Address):	Lot 52 DP 16685 , 18 Grenfell Avenue NORTH NARRABEEN NSW 2101

Reasons for referral

This application seeks consent for the following:

- All Development Applications on land, and located within 40 metres of land, containing a watercourse, or
- All Development Applications on land containing a wetland, or located within 100m of land containing a wetland,
- All Development Applications on land that is mapped as "DCP Map Waterways and Riparian Land".

And as such, Council's Natural Environment Unit officers are required to consider the likely impacts on drainage regimes.

Officer comments

This application has been assessed against relevant legislation and policy relating to waterways, riparian areas, and groundwater.

This site is close to and drains into Narrebeen Lagoon. The development must not significantly impact on the biophysical, hydrological or ecological integrity of these waters, or on the quantity and quality of surface and ground water flows to the creek or lagoon. Sediment and erosion controls must be installed prior to any disturbance of soil on site and maintained until all work is complete and groundcover reestablished. If groundwater or tailwater is encountered during excavation, the applicant must apply the condition to manage the groundwater and dewatering activities.

This application, subject to conditions, is recommended for approval as it is unlikely to have an adverse effect on the integrity and resilience of the biophysical, ecological and hydrological environment of Narrabeen Lagoon if conditions are adhered to.

The proposal is therefore supported.

Note: Should you have any concerns with the referral comments above, please discuss these with the Responsible Officer.

Recommended Natural Environment Conditions:

CONDITIONS TO BE SATISFIED PRIOR TO THE ISSUE OF THE CONSTRUCTION

CERTIFICATE

Groundwater management and dewatering plan

In the report from White Geotechnical Group, groundwater is likely to be encountered during the excavation for the pool. Dewatering of groundwater is to be done in an environmentally sensitive manner to minimise the discharge of sediment laden water making its way into Narrabeen Lagoon and harming seagrass beds.

CONDITIONS TO BE COMPLIED WITH DURING DEMOLITION AND BUILDING WORK

Installation and Maintenance of Sediment and Erosion Controls

Council proactively regulates construction sites for sediment management.

Sediment and erosion controls must be installed in accordance with Landcom's 'Managing Urban Stormwater: Soils and Construction' (2004) and the Erosion and Sediment Control Plan prepared by <INSERT> prior to commencement of any other works on site.

Erosion and sediment controls are to be adequately maintained and monitored at all times, particularly after periods of rain, and shall remain in proper operation until all development activities have been completed and vegetation cover has been re-established across 70 percent of the site, and the remaining areas have been stabilised with ongoing measures such as jute mesh or matting.

Reason: Protection of the receiving environment.