

Water Management Referral Response

Application Number:	DA2022/1914
Proposed Development:	Construction of a dwelling house
Date:	14/12/2022
To:	Clare Costanzo
Land to be developed (Address):	Lot 5 DP 1206507 , 49 Warriewood Road WARRIEWOOD NSW 2102

Reasons for referral

Council's Water Management Officers are required to consider the likely impacts.

Officer comments

Supported

This application was assessed in consideration of:

- Supplied plans and reports;
- State Environmental Planning Policy (Resilience and Hazards) 2021 (clauses 2.8 and 2.12);
- Relevant LEP and DCP clauses.
- Water Management Report Rev 7 for 41 Warriewood Road
- Warriewood Valley Water Management Specification.

The lot is limited to 65% impervious area.

The sediment controls are adequate, and they have the appropriately sized rainwater tank for the subdivision. Sediment and erosion controls must be installed prior to any work on site and maintained until work is complete and groundcover re-established. Due to there being an online bio-retention water treatment basin, particular care should be taken to ensure sediment does not wash into the gutter, as the residents will be responsible for cleaning sediment out of the basin in future.

The proposal is therefore supported.

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

Recommended Water Management Conditions:

CONDITIONS TO BE SATISFIED PRIOR TO THE ISSUE OF THE CONSTRUCTION CERTIFICATE

Stormwater Treatment Measures – Minor

The applicant must install a filtration device (such as a sediment control pit or absorption trench) that captures organic matter and coarse sediments prior to discharge of stormwater from the land. All stormwater treatment measures must make provision for convenient and safe regular inspection, periodic cleaning, and maintenance.

Details demonstrating compliance are to be submitted to the Certifier for approval prior to the issue of the Construction Certificate.

Reason: Protection of the receiving environment.

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 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.

ON-GOING CONDITIONS THAT MUST BE COMPLIED WITH AT ALL TIMES

Impervious surfaces restriction

Connected impervious surfaces (hard surfaces that allow runoff to drain to the stormwater system rather than to deep soil landscaped areas) on the lot must not exceed 65 percent of the total lot area for the life of the development.

Reason: To ensure water management facilities do not exceed capacity.