

## Water Management Referral Response

<b>Application Number:</b>	DA2020/0707
<b>Date:</b>	20/07/2020
<b>To:</b>	Maxwell Duncan
<b>Land to be developed (Address):</b>	Lot 6 DP 749791 , 113 Orchard Street WARRIEWOOD NSW 2102

### Reasons for referral

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

### Officer comments

The applicant has responded to design changes requested in a previous application, including a manure bay, downstream screening of sources of pollution with vegetated buffers, and an absorption area to treat runoff prior to discharge of stormwater to the Mullet Creek catchment and Warriewood Wetlands.

Council proactively regulates construction sites for sediment management, therefore care should be taken to install sediment and erosion controls and maintain them until surfaces are stabilised.

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 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 Tony McLain Architect 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.

The discharge of sediment-laden waters from the site may result in clean-up orders and/or fines under Council's Compliance and Enforcement Policy and legislation including Protection of the Environment Operations Act 1997 and Contaminated Lands Act 1997.

Reason: Protection of the receiving environment

## CONDITIONS WHICH MUST BE COMPLIED WITH PRIOR TO THE ISSUE OF THE OCCUPATION CERTIFICATE

### **Certification for the Installation of Stormwater Treatment Measures**

A certificate from a Civil Engineer, who has membership to Engineers Australia and the National Engineers Register must be provided, stating that the stormwater treatment measures (including banded areas for manure collection) have been installed in accordance with the plans prepared by Tony McLain Architect and EnviroTech. The certificate must confirm that stormwater treatment measures are completed, online, in good condition and are not impacted by sediment. Vegetated measures must exhibit an 80 percent survival rate of plantings.

The certificate shall be submitted to the Principal Certifying Authority prior to the release of the Occupation Certificate.

Reason: Protection of the receiving environment