

## Water Management Referral Response

<b>Application Number:</b>	DA2020/1489
<b>Date:</b>	08/01/2021
<b>To:</b>	Anne-Marie Young
<b>Land to be developed (Address):</b>	Lot 1 DP 5055 , 8 Forest Road WARRIEWOOD NSW 2102

### Reasons for referral

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

### Officer comments

The use of Stormfilter cartridges to treat stormwater on this lot is not approved. It is believed that the soil conditions and space on the lot are sufficient to use vegetated devices, which will have far better outcomes for Water Sensitive Urban Design - a clear objective for Warriewood Valley, will allow for stormwater treatment to be visually incorporated into the urban design of the lot, in addition to improving prospects for maintenance by the future community title owner's corporation. Either the designed basins must be increased in size, or an additional basin be incorporated on the subdivision to treat all stormwater from the lot.

The applicant must provide details of the gross pollutant traps proposed to be installed, as Council must assess whether they are appropriately sized for the development. Pit baskets are not acceptable on their own as they will not capture sediment prior to discharge of stormwater into the bio-retention basins. Only a limited number of pit baskets will be allowed over the entire development site to ensure maintenance efficiency. If large numbers are required, the applicant must consider alternatives such as a CDS unit.

The applicant must submit a MUSIC model file (.sqz) to allow Council to assess the parameters used in determining sizing and design of stormwater treatment measures.

The proposal is therefore unsupported.

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

### Recommended Water Management Conditions:

Nil.