

4 November 2020

NL171278-04

KDC
Clare Brennock
Suite 2B, 125 Bul Street
Newcastle West NSW 2302

Dear Clare,

Re: 42 Honeysuckle Drive SSD 10378 DPIE RFI Response

Northrop have been engaged by Doma to undertake design of the Concept Stormwater Management plan to support the development application for the above-mentioned development. As part of the approval process, the Department of Industry and Environment raised the following query in their letter dated 8 April 2020.

The proponent should provide a detailed site water balance outlining water quantity and water source for the construction and operation of the development. If the detailed site water balance identifies a requirement for surface or groundwater take, a Water Access Licence (WAL) must be obtained or a detailed assessment provided on how the works comply with any applicable WAL exemption in the Water Management (General) Regulation 2018.

Northrop provide the following response:

In accordance with Council's DCP, rainwater collected from the development's roof area is to be connected to a 7kL rainwater tank for onsite reuse. Reuse is proposed for irrigation to the podium level landscaping and determined to require 110kL/ year based data presented in City of Newcastle's "Stormwater and Water Efficiency for Development" technical manual. Modelling using industry standard conceptual software package MUSIC determined that the system satisfies 94% of re-use demand.

The proposed reuse irrigation system will offset potable water demand. It is Northrop's understanding that all other water usage during construction and operation is via potable water supply.

The development does not include any basement levels, and therefore dewatering is not expected during construction. If this changes, and construction phase dewatering is required, it is expected that this would be minimal and short term and would be managed under a separate approval.

As advised by DPIE on previous projects, a Water Access Licence (WAL) is not required if water usage is less than 3ML in one year. Therefore, the proposed development reuse of 110kL/ year does not trigger this requirement.

Yours sincerely,



Chris Piper

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		Date
Prepared by	CP	04/11/2020
Checked by	BC	04/11/2020
Admin	BBR	04/11/2020