



OUT19/8423

Anthony Ko
NSW Department of Planning, Industry and Environment

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Dear Mr Ko

**Snowy 2.0 Exploratory Works (Mod 1) (SSI-9208)
Environmental Assessment**

I refer to your email of 24 June 2019 to the Department of Planning, Industry and Environment (DPIE) – Lands, Water and Department of Primary Industries (DPI) about the above matter.

The following advice for you to consider is from relevant branches of Lands & Water and Department of Primary Industries.

DPIE – Water and Natural Resources Access Regulator

- The proposed surface disturbance activities as part of the modification has the potential to result in erosion and sedimentation, and altered runoff patterns. This could impact downstream watercourses and associated aquatic habitat. This has been identified in the environmental assessment and the proposed mitigating measure concepts are adequate.
- The proposed conversion of boreholes for additional groundwater monitoring is supported. Construction to industry standards and consultation with DPIE Water will be required to ensure the bores are designed appropriately for ongoing monitoring and mitigation of impacts to water sources.
- The proposed sourcing of water from the existing construction water supply will need to ensure the proposed volume is within current licensed entitlements. Where additional water is required, sufficient entitlement will need to be held and additional impact assessment may be required to support this.

Recommendations Post Project Determination

- Disturbance adjacent to the Yarrangobilly River and Wallaces Creek is to be minimised, and rehabilitation measures are implemented to ensure bed and bank stability and the reinstatement of riparian vegetation.
- The proposed groundwater monitoring bores be included in an updated Water Management Plan. It is recommended consultation occur with DPIE Water prior to commencement of drilling to ensure adequate construction design.
- The proposal to develop an Erosion and Sediment Control Plan and a Rehabilitation Plan to manage potential impacts is supported. It is recommended these plans address the requirements of the *Guidelines for Controlled Activities on Waterfront Land* (NRAR 2018) and the guideline, *Soils and Construction: Managing Urban Stormwater* (Landcom 2004).

DPIE – Crown Lands

The proponent should make an application to close and purchase the Crown Road that is located within the proposal area.

- Mile Franklin Drive, that is a formed road within the proposal area, should be transferred to Council.

Any further referrals to DPIE – Lands, Water and DPI can be sent by email to landuse.enquiries@dpi.nsw.gov.au.

Yours sincerely

A handwritten signature in blue ink that reads "Liz Rogers".

Liz Rogers
Manager, Assessments
Water – Strategic Relations
10 July 2019