

OUT19/1661

Deana Burn
Industry Assessments
NSW Department of Planning and Environment

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Dear Ms Burn

**Cairncross Waste Management Facility Expansion (SSD 5792)
Response to Submissions**

I refer to your email of 7 February 2019 to the Department of Industry (DoI) in respect to the above matter. Comment has been sought from relevant branches of Lands & Water and Department of Primary Industries.

The department provides the following comments and recommendations for consideration in assessment of the proposal.

DoI – Water and Natural Resources Access Regulator

- The proponent should update the Water Management Plan in consultation with the Department of Industry - Water and should include the following:
 - Groundwater elevation trigger levels for all monitoring bores in the network, justified by robust scientific analysis, to forewarn of rising hydrostatic pressures beneath and around the waste emplacement cells and suitable for the activation of mitigative responses in a timely manner.
 - Groundwater and surface water quality trigger levels for the purposes of protecting environmental attributes of the hydrological and hydrogeological regimes within, around and downstream of the property and suitable for the activation of mitigative responses in a timely manner.
 - Details of the groundwater and surface water mitigation actions to be commenced if the trigger levels are exceeded at any time during the operation of the waste facility.
 - A comprehensive assessment of the alternate water supply options available (to be updated at each review of the plan due to the potential for future changes to water access or availability) in the event of serious or extreme drought, to minimise the reliance of the facility on high quality reticulated mains water for use (either directly or by being trucked in to the site).
 - Collations of all monitoring data since the commencement of the waste management facility up to the time of each change in the plan.
 - Statistical analysis of the monitoring data by a qualified professional up to the date of each plan review to confirm that the actual level and water quality data remain within the scope of those predicted within the application documents and to demonstrate the ongoing success of the environmental protection measures adopted for the facility.

- A process for all stakeholders to be notified, including government departments, any relevant interest groups, nearby landholders and those who have provided a submission on any application associated with the facility.
- A defined and documented schedule for the periodic review and updating of the plan.

Any further referrals to Department of Industry can be sent by email to landuse.enquiries@dpi.nsw.gov.au.

Yours sincerely

A handwritten signature in blue ink that reads "Liz Rogers". The signature is written in a cursive, flowing style.

Liz Rogers
Manager, Assessments
Lands and Water - Strategy and Policy
28 March 2019