

Jeffrey Dunwoodie
Environment and Community Coordinator
Centennial Mandalong Pty Limited
PO Box 1000
Toronto, NSW, 2283

26/10/2022

Subject: Longwall 34 Extraction Plan for Mandalong Southern Extension Project (SSD-5144)

Dear Mr Dunwoodie

I refer to your submission dated 15 July 2022, requesting approval of the Extraction Plan for Longwall 34 at Mandalong Mine. The Department has given careful consideration to the submission and sought advice from several Government agencies.

Based on its consideration of the Extraction Plan and agency advice, the Department is satisfied that the environmental consequences associated with the extraction of Longwall 34 are within the range of impacts approved under Modification 10 to SSD-5144. The Department is also satisfied that Centennial has developed an Extraction Plan and range of component plans such that any unexpected impacts can be appropriately managed in accordance with the relevant requirements of the conditions of consent and other relevant approvals.

In its advice to the Department, DPE Water made a number of recommendations to improve the monitoring and modelling of groundwater impacts in the Southern Extension Area. It recommended that Centennial commits to expanding the groundwater monitoring network to improve the spatial representation of monitoring data, support refinements to the groundwater model and validate predicted groundwater impacts. DPE Water also recommended that Centennial commits to updating the groundwater model to address limitations identified in the 2017 independent review.

The Department acknowledges Centennial's response to these recommendations, which identified two proposed additional groundwater monitoring bores and included a commitment to ongoing validation of the groundwater model.

The Department considers that the future extraction plan for the commencement of secondary extraction within Longwalls 38 to 64 should include a time-based commitment to install additional groundwater monitoring bores that target major drainage features to the east of the Main Headings in the Southern Extension Area. The updated groundwater monitoring network should also provide adequate spatial coverage to enable validation of the predicted groundwater impacts. The future extraction plan should also include a commitment to update the groundwater model to reflect the expanded monitoring network and address the limitations identified in the 2017 independent review.

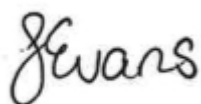
Subject to these requirements, as nominee of the Planning Secretary, I approve the Extraction Plan for Longwall 34 (Revision 2, dated 21 September 2022).

You are reminded that if there is any inconsistency between the approved document and the conditions of consent, then the requirements of the conditions of consent prevail.

Please ensure that the approved plan is placed on the project website at the earliest convenience.

If you wish to discuss the matter further, please contact Jarrod Blane on 02 8275 1831 or at jarrod.blane@dpie.nsw.gov.au.

Yours sincerely

A handwritten signature in black ink that reads "J Evans". The signature is written in a cursive, flowing style.

Jessie Evans
Director, Resource Assessments
Resource Assessments

As nominee of the Planning Secretary