

Kyle Egan  
Relief Mine Manager  
Centennial Airly

By: Major Project Portal

20/12/2022

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**Subject: Airly Mine Extension Project (SSD 5581) - Point Hatteras Panel and Pillar Mining Zone (MW13-16) Extraction Plan– Modification 1**

Dear Mr Egan,

I refer to your letter dated 19 December 2022 requesting a modification (Modification 1) of the Point Hatteras Panel and Pillar Mining Zone Extraction Plan for miniwall (MW) panels MW13 – MW16, approved by the department on 13 December 2021 in accordance with Condition 7 of Schedule 3 of the consent for the Airly Mine Extension Project (SSD 5581). The proposed modification seeks approval to change the approved mining sequence to extract MW15A prior to MW16.

The department notes that minor changes are proposed to the conditions of approval for the Extraction Plan to reflect the change in mining sequence.

The department has carefully reviewed the revised plans and supporting subsidence advice provided by MSEC and notes that the total subsidence after both MW15A and MW16 are extracted is predicted to be similar regardless of the order of extraction, and would not change the impact assessment for these miniwalls.

Accordingly, as nominee of the Planning Secretary, I approve Modification 1 to the Point Hatteras Panel and Pillar Mining Zone Extraction Plan for MW13 – MW16, subject to the following amended conditions of approval:

1. Within three months of the date of approval of the Extraction Plan, Centennial Coal must install a line of GNSS units (or fixed survey pins) above panels and pillars where 3 miniwalls are proposed to be extracted side by side (that is, the southern end of MW13, MW14, MW15B and the northern end of MW14, MW15A, MW16). GM16 and GM25 or 26 could form a part of these lines.
2. Prior to secondary extraction commencing within MW15B or the area of MW16 shown within Zone 1 in **Attachment A**, Centennial Coal must demonstrate to the satisfaction of the Planning Secretary that:
  - (a) subsidence effects, impacts and environmental consequences are within predicted levels;
  - (b) subsidence is not expected to exceed 125mm should full extraction of MW15A and MW15B proceed;

- (c) the subsidence impact performance measures outlined in Table 1 of Schedule 3 of SSD 5581 are expected to be met should full extraction of MW15A and MW15B proceed; and
  - (d) relevant monitoring data has been reviewed by the Airly Independent Expert Panel and any recommendations of the panel have been addressed.
3. Within two months of the date of approval of the Extraction Plan, Centennial Coal must submit a revised TARP, to the satisfaction of the Planning Secretary. The revised TARP must be developed in consultation with the National Parks and Wildlife Service (NPWS) and include:
- (a) provision for notification to and consultation with the NPWS for triggers relating to NPWS managed land or assets; and
  - (b) appropriate triggers and responses for water level changes at the Nissen Hut dam, including provision for an alternative source of firefighting water if water levels are impacted.
4. Within two months of the completion of each miniwall panel, or as otherwise agreed by the Planning Secretary, Centennial Coal must prepare and submit to the Department and the NPWS, an end-of-panel report:
- (a) reporting all subsidence effects (both individual and cumulative) for the panel and comparing subsidence effects with predictions; and
  - (b) reviewing implications for mine design/panel dimensions and monitoring requirements for subsequent panels.

To the satisfaction of the Planning Secretary.

If you wish to discuss the matter further, please contact Gabrielle Allan on 02 9585 6087.

Yours sincerely



Jessie Evans  
Director, Resource Assessments  
Resource Assessments

As nominee of the Planning Secretary

**Attachment A – Point Hatteras Panel and Pillar MW13-MW16 and Zone 1**

- LEGEND**
- Development Consent SSO\_5581
  - Mining Tenements
- Pt Hattaras PPMZ Extraction Plan Area**
- Pt Hattaras PPMZ Extraction Plan Area
  - Principal Subsidence Management Area (i.e. predicted limit of subsidence)
  - Extended / Far-field Management and Monitoring Area (no predicted subsidence)
  - 26.5 degree AoD (from cliffs in the Cliff Line Zone of First Workings)
  - Proposed Workings MW13-MW16
  - Proposed Minwall Panel (i.e. secondary extraction)
- Natural and Built Features**
- Mugi Murumban State Conservation Area
  - Key Sensitive Areas / Features from EIS (within the EP Area)
  - Aboriginal Heritage Site (within the EP Area)
  - ◆ Permanent Survey Marks (within the EP Area)
  - Groundwater Monitoring Bores (within the EP Area)
  - GNSS Monitoring Station / CORS Network
  - Walking Trails
  - Gate (proposed NPWS)
  - Roads / Tracks
  - Watercourses (LPI)
  - 1st Order Stream Section (within the EP Area)
  - 2nd Order Stream Section (within the EP Area)
- Cliff Location and Heights (Aerometrex, 2021)**
- 10-15m
  - 15-20m
  - 20-30m
  - 30-50m
  - 50-70m
  - 70-100m
- Features Identified by Site Inspection (MSEC, 2021)**
- Potentially Sensitive Feature

