

Our ref: DA305-7-2003-PA-89

Peter Jaeger
Manager - Environment & Community
Wambo Coal Pty Limited
100 Melbourne Street
South Brisbane QLD 4101

2/12/2024

Subject: Wambo Coal Mine – Approval of Extraction Plan Variation for Longwalls 24 to 26

Dear Mr Jaeger

I refer to the revised Wambo Underground Coal Mine Extraction Plan for Longwalls 24 to 26 (revision D, dated November 2024) submitted for approval on 1 November 2024, which has been prepared in accordance with condition B7 of Schedule 2 of DA305-7-2003.

The Department acknowledges that Wambo Coal Pty Ltd (WCPL) has identified adverse geological conditions in the Longwall 24 to 26 mining area which will prevent the full development and extraction of the longwalls.

Subsequently, WCPL is proposing to modify the mine plan for Longwalls 24, 25 and 26 to avoid these conditions. The following changes are proposed:

- dividing Longwall 24 into two longwall blocks (Longwall 24a and Longwall 24b), separated in the mid-section of the panel by approximately 63 meters (m);
- shortening the overall length of Longwall 25 by approximately 1,010 m at the northern end and extending the southern finishing end of Longwall 25 by 15 m; and
- shortening the overall length of Longwall 26 by approximately 1,047 meters at the northern end and extending the southern finishing end of Longwall 26 by 81 meters.

The Department has reviewed the implications of changing the mine plan for Longwalls 24, 25 and 26, including the predicted subsidence effects of the proposed variation on built and natural features. I understand that the changes to the Longwall 24 to 26 mining layout would result in a 63 hectare (ha) reduction (from 135ha to 74ha) in the total surface area that would be affected by mine subsidence.

Whilst the overall subsidence impact area would be reduced, the Department notes that the proposed mine plan changes are expected to result in similar or reduced subsidence impacts on a number of surface features (including North Wambo Creek, Waterfall Creek, unsealed

roads, heritage sites, mine owned farm sheds and dams), compared to those approved as part of the existing Extraction Plan (approved on 6 December 2023) and within the range of impacts approved under development consent DA305-7-2003 (as modified).

The Department considers that the management and mitigation measures described in the amended Extraction Plan remain appropriate and that these impacts and any unexpected impacts can be appropriately managed in accordance with the amended Extraction Plan for Longwalls 24 to 26 (revision D, dated November 2024) and the relevant requirements of DA305-7-2003.

The Department is therefore satisfied that the proposed variation to the layout of Longwalls 24, 25 and 26 can be undertaken generally in accordance with the approved impacts under DA305-7-2003.

The Department has carefully reviewed the amended Extraction Plan (including its various sub-plans) and considers that it generally addresses the relevant requirements of the development consent (see **Attachment A**). Accordingly, the Planning Secretary approves the Extraction Plan (revision D, dated November 2024).

You are reminded that if there are any inconsistencies between the Extraction Plan and the conditions of consent, the conditions prevail. Please ensure you make the document publicly available on the project website at the earliest convenience.

Should you wish to discuss the matter further, please contact Tegan Cole on 02 9895 6457 or via email at tegan.cole@planning.nsw.gov.au.

Yours sincerely

A handwritten signature in black ink, appearing to be "SOD", written over a light blue horizontal line.

Stephen O'Donoghue
Director Resource Assessments
as nominee of the Planning Secretary

ATTACHMENT A

Department’s consideration of the revised Longwall 24 to 26 Extraction Plan

1. Statutory Context

The Wambo Underground Coal Mine is approved for longwall mining under development consent DA305-7-2003. The project is owned and operated by Wambo Coal Pty Limited (WCPL).

The South Bates Extension area is a component of the Wambo Underground Coal Mine. WCPL is approved to extract coal from the Whybrow seam, which produces a low ash thermal coal.

On 25 January 2023, approval was granted to modify the development consent DA305-7-2003 under modification 19 to allow for the optimisation and continued operations of the South Bates Extension area through the reorientation of Longwalls 24 and 25, and the addition of Longwall 26.

Since modification 19 was approved, there has been a minor amendment to the length of Longwall 24 (been reduced by approximately 39 meters at the southern end). The revised mine plan is shown in **Figure 1** below. These changes were incorporated into the Extraction Plan for Longwalls 24 to 26 (revision C, dated November 2023). This Extraction Plan was approved on 6 December 2023.

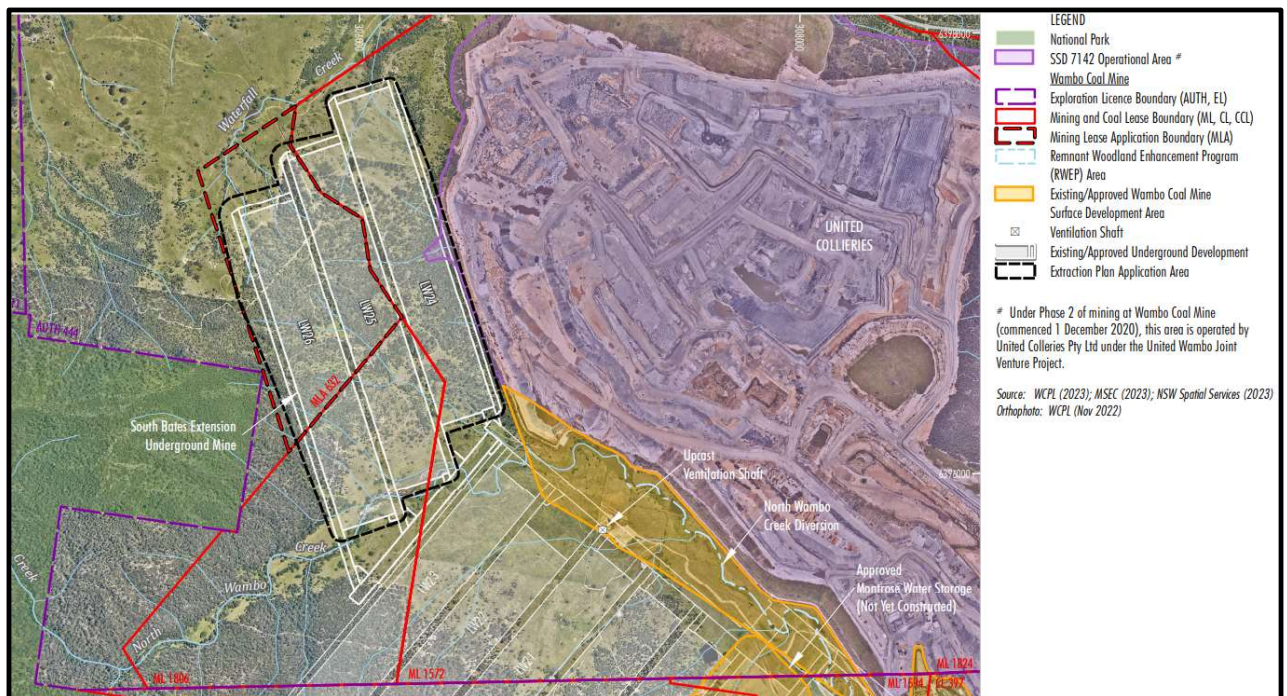


Figure 1 | Previous Longwall 24 to 26 Extraction Plan Area

Since that time, WCPL has identified adverse geological conditions in the Longwall 24 to 26 mining area which will hinder the full development and extraction of the longwall panels. To avoid these conditions, WCPL is proposing to modify (shorten) the layout of the Longwall 24 to 26 mine plan.

On 11 November 2024, WCPL submitted an amended Extraction Plan that incorporates these proposed changes.

2. Revised Extraction Plan Application Area (Longwalls 24 to 26)

The revised Extraction Plan, submitted to the Department on 11 November 2024, applies to the Longwall 24 to 26 mine plan in the South Bates Extension area within ML 1572, ML 1806 and ML 1873 (see **Figure 2**).

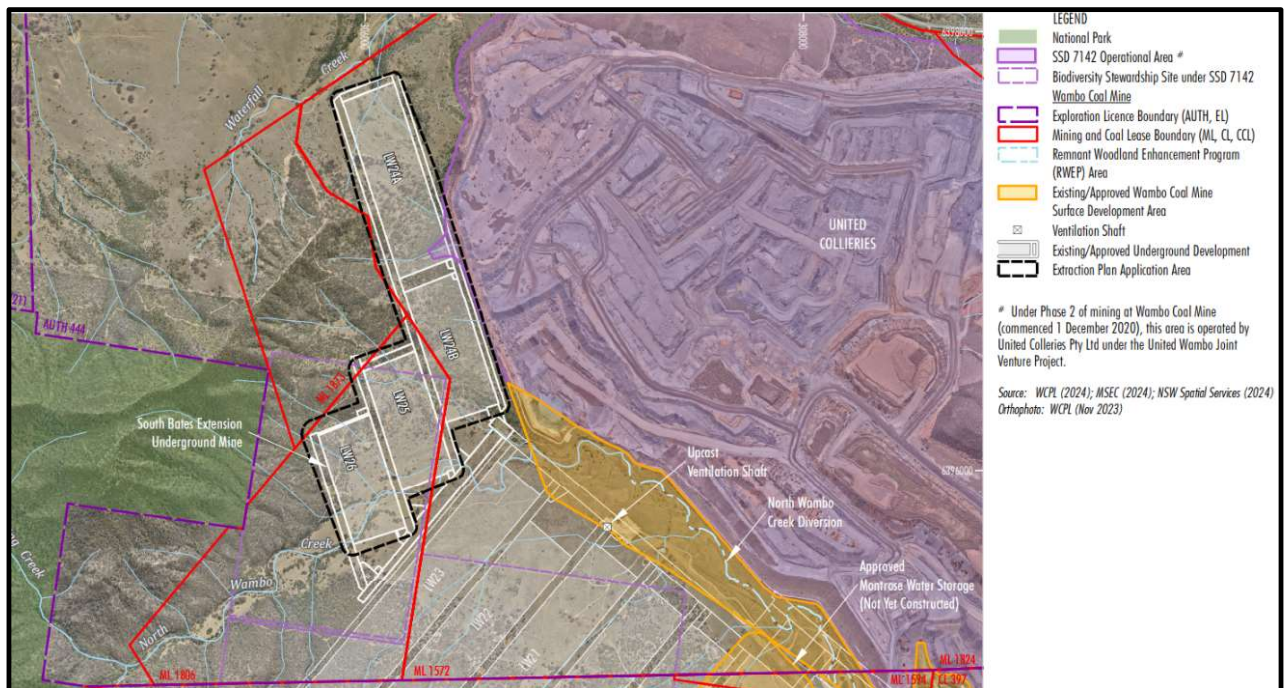


Figure 2 | Proposed Variation to the Longwall 24 to 26 Extraction Plan Area

3. Mining Schedule

WCPL is currently mining Longwall 24b. Secondary extraction (coal extraction) is currently scheduled to commence in December 2024 for Longwall 25 and April 2025 for Longwall 26.

4. Changes to Extraction Plan – Longwalls 24 to 26

Since the approval of the Longwall 24 to 26 Extraction Plan in December 2023, WCPL is proposing to modify (shorten) the layout of the Longwall 24 to 26 mine plan to avoid adverse geological conditions which will hinder the full development and extraction of the longwall panels. The following changes are proposed:

- dividing Longwall 24 into two longwall blocks (Longwall 24a and Longwall 24b), separated in the mid-section of the panel by approximately 63m;
- shortening the overall length of Longwall 25 by approximately 1,010 meters at the northern end and extending the southern finishing end of Longwall 25 by 15 meters; and
- shortening the overall length of Longwall 26 by approximately 1,047 meters at the northern end and extending the southern finishing end of Longwall 26 by 81 meters.

On 11 November 2024, WCPL submitted an amended Extraction Plan that incorporates these proposed changes.

The Subsidence Assessment titled 'South Bates Extension Underground Mine Longwalls 24 to 26 Extraction Plan' prepared by Mine Subsidence Engineering Consultants (Report 1 of the Extraction Plan, dated October 2024), incorporates the revised layout and concluded that the maximum predicted subsidence effects are the same as, or slightly less than, those presented in the modification 19 modification report titled 'Wambo Coal Mine Longwall 24 to 26 Modification' dated August 2022.

5. Extraction Plan Requirements

As required by condition B7 of Schedule 2 of the development consent DA305-7-2003, WCPL submitted an Extraction Plan for approval.

The Department considers that the Extraction Plan (including its various sub-plans) addresses the relevant requirements of the development consent (see **Table 2**).

6. Agency Consultation

On 1 August 2024, WCPL submitted a request to the Department seeking approval to waive the consultation requirements with all parties listed under Condition B7, Schedule 2 of DA 305-7-2003.

On 3 September 2024, the Department responded to WCPL's request and confirmed that consultation with the relevant agencies was not required for the following reasons:

- the relevant agencies were consulted during the preparation of the existing approved Extraction Plan in accordance with Condition B7, Schedule 2 of DA 305-7-2003. The Department considers that the existing Extraction Plan (Revision C, dated November 2023) addresses the relevant comments made by agencies during the preparation of the plan; and
- the proposed reduction in the extent of Longwalls 24 to 26 would result in the same or reduced environmental impacts than those outlined in the approved Extraction Plan (Revision C, dated November 2023) and within the range of impacts approved under DA305-7-2003 (as modified).

7. Subsidence Predictions

The maximum predicted subsidence for Longwalls 24 to 26 are summarised below in **Table 1**. Although the mine plan has been revised, the following maximum predicted subsidence effects for Longwalls 24 to 26 have not changed:

- 1,950 mm vertical subsidence (e.g., 65 % of the maximum extraction height of 3.0 m);
- 75 mm/m tilt (i.e. 7.5 % or 1 in 13); and
- greater than 3.0 km⁻¹ curvature (e.g., a minimum radius of curvature less than 0.3 km).

While the maximum predicted subsidence effects have not changed, the total surface area affected by mine subsidence has been reduced by 62 hectares (ha) (from 135 ha to 74 ha).

The maximum subsidence effects are predicted to occur above the eastern parts of Longwalls 24 to 26, where the depths of cover are the shallowest (less than 100 m). Although the layout of Longwalls 24, 25 and 26 has changed from when modification 19 was approved, the Department acknowledges that there are no changes to the maximum predicted subsidence effects, including vertical subsidence and tilt.

Table 1 | Maximum Predicted Subsidence for Longwalls 24 to 26

Longwalls	Depth of Cover to the Whybrow Seam (m)	Subsidence (mm)	Tilt (mm/m)	Hogging Curvature (km ⁻¹)	Sagging Curvature (km ⁻¹)
Longwall 24a	60 to 130	1,850	75	> 3.0	> 3.0
Longwall 24b		1,850	75	> 3.0	> 3.0
Longwall 25		1,950	75	> 3.0	> 3.0
Longwall 26		1,950	75	> 3.0	> 3.0
Cumulative Subsidence		1,950	75	> 3.0	> 3.0

Note: mm = millimetres; mm/m = millimetres per metre; km⁻¹ = per kilometre.

8. Mining and Resource Recovery Parameters for Longwalls 24 to 26

The revised Longwall 24 to 26 mine plan would recover a total of 3.26 million tonnes of run of mine coal, compared to the previous 5.7 million tonnes of coal approved under DA305-7-2003 (as modified). This would result in approximately 2.44 million tonnes of coal that would remain insitu and not be recovered.

9. Key Issues

The key issues associated with the modification include potential impacts on key natural and built features, surface water, groundwater, biodiversity, greenhouse gas emissions

and Aboriginal and historic heritage. For further information on the Department's assessment of these issues, refer to the 'Departments Assessment Report Mod 19' under 'Determination' on the Department's website at:

<https://www.planningportal.nsw.gov.au/major-projects/projects/wambo-coal-mine-mod-19modification-longwalls-24-26>

10. Conclusion

The Department has reviewed the revised Extraction Plan and its sub-plans as relevant to Longwalls 24 to 26 and notes that the Extraction Plan seeks approval for a modified layout of Longwalls 24 to 26 compared to the layout presented in the modification 19 modification report titled '*Wambo Coal Mine Longwall 24 to 26 Modification*', dated August 2022 and the layout in the amended Extraction Plan approved on 6 December 2023.

The Department considers that the revised layout would result in similar or less subsidence related impacts to those approved as part of the modification 19 layout.

The Department considers that the environmental consequences associated with the extraction of Longwalls 24 to 26 are within the range of impacts approved under DA305-7-2003 (as modified).

The Department also considers that the Extraction Plan and range of component plans has been developed so that any unexpected impacts can be appropriately managed in accordance with the relevant requirements of DA305-7-2003 and other relevant approvals.

Accordingly, the Department considers that the Extraction Plan for Longwalls 24 to 26 (revision D, dated November 2024) should be approved.

Table 2 | Department’s Review Comments for Wambo Extraction Plan - Longwalls 24 to 26 (revision D, dated November 2024)

Wambo Underground Coal Mine Consent (DA305-7-2003) (Schedule 2)	Satisfactory (Yes/No)	Comment																												
<p>SUBSIDENCE Performance Measures – Natural and Heritage Features etc. B1. The Applicant must ensure that underground mining operations undertaken following the approval of Modification 9 comply with the performance measures in Table 1.</p> <p><i>Table 1: Subsidence impact performance measures – natural and heritage features etc</i></p> <table border="1" data-bbox="168 587 761 1129"> <thead> <tr> <th>Feature</th> <th>Performance Measures</th> </tr> </thead> <tbody> <tr> <td colspan="2"><i>Water</i></td> </tr> <tr> <td>Wollombi Brook</td> <td> <ul style="list-style-type: none"> Negligible subsidence impacts and environmental consequences Release of water from the site only in accordance with EPL requirements </td> </tr> <tr> <td colspan="2"><i>Land</i></td> </tr> <tr> <td>Low level cliffs within the South Bates Extension Area</td> <td> <ul style="list-style-type: none"> Minor environmental consequences (that is occasional rockfalls, displacement or dislodgement of boulders or slabs, or fracturing that in total do not impact more than 5% of the total face area of such features) </td> </tr> <tr> <td colspan="2"><i>Biodiversity</i></td> </tr> <tr> <td>Wollemi National Park</td> <td> <ul style="list-style-type: none"> Negligible subsidence impacts and environmental consequences </td> </tr> <tr> <td>Warkworth Sands Woodland Community</td> <td> <ul style="list-style-type: none"> Minor cracking and ponding of the land surface or other subsidence impacts Negligible environmental consequences </td> </tr> <tr> <td>White Box, Yellow Box, Blakely's Red Gum Woodland/Grassy White Box Woodland Community</td> <td> <ul style="list-style-type: none"> Minor cracking and ponding of the land surface or other subsidence impacts Negligible environmental consequences </td> </tr> <tr> <td>Central Hunter Valley Eucalypt Forest and Woodland Ecological Community</td> <td> <ul style="list-style-type: none"> Minor cracking and ponding of the land surface or other subsidence impacts Negligible environmental consequences </td> </tr> <tr> <td>Conservation Areas (including the proposed Wambo offset area under SSD 7142)</td> <td> <ul style="list-style-type: none"> Negligible reduction to previously identified biodiversity credits </td> </tr> <tr> <td>Threatened Species and Communities</td> <td> <ul style="list-style-type: none"> Minor cracking and ponding of the land surface or other subsidence impacts Negligible environmental consequences </td> </tr> <tr> <td colspan="2"><i>Heritage</i></td> </tr> <tr> <td>Wambo Homestead Complex</td> <td> <ul style="list-style-type: none"> Negligible impact on heritage values, unless approval has been granted by Heritage NSW and/or the Minister </td> </tr> </tbody> </table> <p>Notes:</p> <ul style="list-style-type: none"> The Applicant will be required to define more detailed performance criteria for each of these performance measures in the Extraction Plan (see condition B7 below). 	Feature	Performance Measures	<i>Water</i>		Wollombi Brook	<ul style="list-style-type: none"> Negligible subsidence impacts and environmental consequences Release of water from the site only in accordance with EPL requirements 	<i>Land</i>		Low level cliffs within the South Bates Extension Area	<ul style="list-style-type: none"> Minor environmental consequences (that is occasional rockfalls, displacement or dislodgement of boulders or slabs, or fracturing that in total do not impact more than 5% of the total face area of such features) 	<i>Biodiversity</i>		Wollemi National Park	<ul style="list-style-type: none"> Negligible subsidence impacts and environmental consequences 	Warkworth Sands Woodland Community	<ul style="list-style-type: none"> Minor cracking and ponding of the land surface or other subsidence impacts Negligible environmental consequences 	White Box, Yellow Box, Blakely's Red Gum Woodland/Grassy White Box Woodland Community	<ul style="list-style-type: none"> Minor cracking and ponding of the land surface or other subsidence impacts Negligible environmental consequences 	Central Hunter Valley Eucalypt Forest and Woodland Ecological Community	<ul style="list-style-type: none"> Minor cracking and ponding of the land surface or other subsidence impacts Negligible environmental consequences 	Conservation Areas (including the proposed Wambo offset area under SSD 7142)	<ul style="list-style-type: none"> Negligible reduction to previously identified biodiversity credits 	Threatened Species and Communities	<ul style="list-style-type: none"> Minor cracking and ponding of the land surface or other subsidence impacts Negligible environmental consequences 	<i>Heritage</i>		Wambo Homestead Complex	<ul style="list-style-type: none"> Negligible impact on heritage values, unless approval has been granted by Heritage NSW and/or the Minister 	<p>Yes</p>	<p>Section 3 of the Extraction Plan provides a summary of the management, monitoring, performance indicators and contingency measures for water, land, biodiversity, heritage, built features and public safety.</p> <p>These are included and expanded upon in the appendices to the Extraction Plan and are considered adequate.</p> <p>The following references address the requirements of this condition:</p> <ul style="list-style-type: none"> Section 3 of the Extraction Plan; Section 4.2.1 and Appendix A (Water Management Plan); Section 4.2.2 and Appendix B (Land Management Plan); Section 4.2.3 and Appendix C (Biodiversity Management Plan); and Section 4.2.4 and Appendix D (Heritage Management Plan).
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<p>Performance Measures – Built Features B4. The Applicant must ensure that underground mining operations undertaken following the approval of Modification 9 comply with the performance measures in Table 2.</p> <p><i>Table 2: Subsidence impact performance measures – built features.</i></p>	<p>Yes</p>	<p>The Extraction Plan details the mitigation, monitoring and management measures implemented to ensure compliance with this condition. Relevant information is included in:</p> <ul style="list-style-type: none"> Section 4 of the Extraction Plan; Section 4.2.5 of Appendix E (Built Features Management Plan); and Section 4.2.6 and Appendix F (Public Safety Management Plan). 																												

Wambo Underground Coal Mine Consent (DA305-7-2003) (Schedule 2)	Satisfactory (Yes/No)	Comment						
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Public Safety	<ul style="list-style-type: none"> Negligible additional risk 							
<p>B5. Any dispute between the Applicant and the owner of any built feature over the interpretation, application or implementation of the performance measures in Table 2 is to be settled by the Planning Secretary, following consultation with the Resources Regulator. Any decision by the Planning Secretary shall be final.</p>	Yes	<p>Table A1-2 of the Extraction Plan indicates that the surface area above Longwalls 24 to 26 is located entirely within WCPL owned land. Further information to address this requirement is provided in:</p> <ul style="list-style-type: none"> Section 4 of the Extraction Plan; and Appendix E (Built Features Management Plan). 						
<p>B6. The applicant may carry out first workings within the underground mining area, other than in accordance with an approved Extraction Plan, provided that the Resources Regulator is satisfied that the first workings are designed to remain stable and non-subsiding in the long term, except insofar as they may be impacted by approved second workings.</p> <p><i>Note: The intent of this condition is to ensure that first workings are built to geotechnical and engineering standards sufficient to ensure long term stability, with negligible direct subsidence impacts</i></p>	Yes	<p>Addressed in Section 2.5 of Appendix G (Coal Resource Recovery Plan).</p>						
<p>Extraction Plan</p> <p>B7. The Applicant must prepare an Extraction Plan for all second workings on the site to the satisfaction of the Planning Secretary. Each Extraction Plan must:</p>	Yes	<p>The Extraction Plan is considered a well-structured document that includes clear summaries of subsidence predictions, impacts, monitoring, management and performance measures.</p> <p>The plan has been amended to reflect the modified layout for Longwall 24a, 24b, 25 and 26, however the revised layout is predicted to result in similar or less subsidence related impacts to those approved as part of the Modification Report (Modification 19) layout.</p>						
<p>(a) be prepared by a suitably qualified and experienced person/s whose appointment has been endorsed by the Planning Secretary;</p>	Yes	<p>Section 1.1 of the Extraction Plan and Attachment 2 demonstrates that the Extraction Plan has been prepared by Wambo Coal Pty Ltd (WCPL) with assistance from seven specialist</p>						

Wambo Underground Coal Mine Consent (DA305-7-2003) (Schedule 2)	Satisfactory (Yes/No)	Comment
		<p>sub-consultants from Mine Subsidence Engineering Consultants (MSEC), SLR Consulting Pty Ltd (SLR), Alluvium Consulting (Alluvium), South East Archaeology, Eco Logical Australia (ELA) and Resource Strategies.</p> <p>The appointment of the team of suitably qualified and experienced persons has been endorsed by the Planning Secretary on 24 March 2023 (ref: DA305-7-2003-PA-69).</p>
(b) include detailed plans of existing and proposed first and second workings and any associated surface development;	Yes	Section 1.3 and Appendix G (Coal Resource Recovery Plan) of the Extraction Plan includes detailed plans of existing and proposed first and second workings and any associated surface development.
(c) provide updated predictions of the potential subsidence effects, subsidence impacts and environmental consequences of the proposed mining covered by the Extraction Plan, incorporating any relevant information obtained since this consent;	Yes	Section 1.3, 2, 3 and 4 of the Extraction Plan and Technical Reports 1 to 4 of the Extraction Plan (Subsidence Predictions and Impact Assessments, Groundwater Assessment Review, Surface Water Assessment Review and Subsidence Risk Assessment) provide updated predictions of the potential subsidence effects, subsidence impacts and environmental consequences associated with the area (above Longwalls 24 to 26).
(d) describe in detail the performance criteria to be implemented to ensure compliance with the performance measures in Table 1 and Table 2, and manage or remediate any impacts and/or environmental consequences to meet the rehabilitation objectives in condition B104, including:	Yes	<p>The performance criteria and performance measures are included in section 3 and 4 of the Extraction Plan and the following Appendices, which generally satisfy the requirements of the consent (including the performance measures listed in Tables 1 and 2 of the consent):</p> <ul style="list-style-type: none"> • Appendix A (Water Management Plan); • Appendix B (Land Management Plan); • Appendix C (Biodiversity Management Plan); • Appendix D (Heritage Management Plan); • Appendix E (Built Features Management Plan); • Appendix F (Public Safety Management Plan); • Appendix G (Coal Resource Recovery Plan); • Appendix H (Subsidence Monitoring Program); and • Appendix I (Rehabilitation Management Plan).
i. a trigger action response plan to identify risks and specific follow up actions to avoid exceedances of the performance measures; and	Yes	Table 22 of the Extraction Plan and the following appendices (Appendices A to F) addresses this requirement. The documents include information regarding the trigger action response plans for when monitoring results indicate that impacts are exceeding (or likely to exceed) predicted or approved limits. Table 22 defines the levels of responsibility within WCPL and reporting requirements for the trigger action response plan scenarios.

Wambo Underground Coal Mine Consent (DA305-7-2003) (Schedule 2)	Satisfactory (Yes/No)	Comment
		<ul style="list-style-type: none"> Appendix A (Water Management Plan); Appendix B (Land Management Plan); Appendix C (Biodiversity Management Plan); Appendix D (Heritage Management Plan); Appendix E (Built Features Management Plan); and Appendix F (Public Safety Management Plan).
ii. a contingency plan that expressly provides for adaptive management where monitoring indicates that there has been an exceedance of the performance measures, or where any such exceedance appears likely;	Yes	Contingency measures are summarised in section 5 of the Extraction Plan and detailed in in Appendices A to F (listed below): <ul style="list-style-type: none"> Appendix A (Water Management Plan); Appendix B (Land Management Plan); Appendix C (Biodiversity Management Plan); Appendix D (Heritage Management Plan); Appendix E (Built Features Management Plan); and Appendix F (Public Safety Management Plan).
(e) include the following to the satisfaction of the Resources Regulator (or MEG, as the case may require):	Yes	The Coal Resource Recovery Plan is included in Appendix G of the Extraction Plan. As per letter dated 3 July 2023 (see Attachment 2), the Resources Regulator confirmed the proposed Extraction Plan (Wambo Mine Extraction Plan Longwalls 24 to 26) satisfies the requirements of condition B7 (e) of schedule 2 of DA305-7-2003.
i. a coal resource recovery plan that demonstrates effective recovery of the available resource;	Yes	The coal resource recovery plan is included in Appendix G of the Extraction Plan.
ii. a Subsidence Monitoring Program to: <ul style="list-style-type: none"> provide data to assist with the management of the risks associated with subsidence (conventional and non-conventional); validate the subsidence predictions; and analyse the relationship between the subsidence effects and impacts under the plan against those predicted and any ensuing environmental consequences. 	Yes	Detailed in Section 4.2.5 of the Extraction Plan and included in Appendix H (Subsidence Monitoring Program). This includes details of the subsidence monitoring to be undertaken with regard to the environmental consequences (water, land, biodiversity, built features, etc).
iii. a Built Features Management Plan to manage the potential subsidence impacts and/or environmental consequences of the proposed second workings on built features, and which: <ul style="list-style-type: none"> addresses, in appropriate detail, all items of public infrastructure and all classes of other built features; and 	Yes	Detailed in Section 4.2.5 of the Extraction Plan and included in Appendix E (Built Features Management Plan). The plan indicates that WCPL owns all assets within the Longwalls 24 to 26 impact area (there is no public infrastructure in the Longwall 24 to 26 mining area). Assets includes wells, fences, access tracks and gates. Management measures for the assets are considered adequate.

Wambo Underground Coal Mine Consent (DA305-7-2003) (Schedule 2)	Satisfactory (Yes/No)	Comment
<ul style="list-style-type: none"> has been prepared following appropriate consultation with the owner/s of potentially affected feature/s; 		
iv. Public Safety Management Plan to ensure public safety in the mining area; and	Yes	The Public Safety Management Plan is included in Appendix F of the Extraction Plan. Longwalls 24 to 26 are located wholly within WCPL owned land, therefore risks to public safety are considered limited. Management measures to reduce public safety risks are considered adequate.
v. appropriate revisions to the Rehabilitation Management Plan required under condition B107; and	Yes	The Rehabilitation Management Plan is included in Appendix I of the Extraction Plan.
(f) include a:		
i. Water Management Plan , which has been prepared in consultation with EPA, DPE Water and NRAR, which provides for the management of the potential impacts and/or environmental consequences of the proposed second workings on surface water resources, groundwater resources and flooding, and which includes: <ul style="list-style-type: none"> surface and groundwater impact assessment criteria, including trigger levels for investigating any potentially adverse impacts on water resources (level, yield and quality); a program to monitor and report on compliance with the surface and groundwater impact assessment criteria; a program to monitor and report on groundwater inflows to underground workings; and a program to manage and monitor impacts on privately-owned licensed bores; 	Yes	<p>The Water Management Plan was revised to incorporate the changes in the Longwalls 24 to 26 mine plan and is included in Appendix A of the Extraction Plan. The following plans address this condition:</p> <ul style="list-style-type: none"> Trigger Action Response Plan (Attachment 1); Wambo Water Management Plan (Attachment 2); Surface Water Monitoring Program (Attachment 3); Groundwater Monitoring Program (Attachment 4); and Water Monitoring Program (Attachment 5). <p>The Water Management Plan has been prepared in consultation with the relevant agencies (refer to Attachment 2 of the Extraction Plan). It is noted that the Department waived the consultation requirements during the latest revision of the plan (refer to letter dated 3 September 2024 in Attachment 2) on the basis that the proposed reduction in the extent of Longwalls 24 to 26 would result in the same or reduced environmental impacts than those outlined in the approved Extraction Plan (Revision C, dated November 2023) and within the range of impacts approved under DA305-7-2003 (as modified).</p> <p>Section 1.1 of the Water Management Plan document indicates that the plan draws on conclusions from the Surface Water Report (Report 3) prepared by Alluvium (2024) and the Groundwater Technical Report (Report 2) prepared by SLR Consulting Pty Ltd (2024). These technical reviews were conducted with reference to the modification 19 assessments for Longwalls 24 to 26, the Groundwater Assessment prepared by SLR Consulting Pty Ltd (2022) and the Surface Water Assessment prepared by Alluvium Consulting (2022).</p>

Wambo Underground Coal Mine Consent (DA305-7-2003) (Schedule 2)	Satisfactory (Yes/No)	Comment
ii. Biodiversity Management Plan , which has been prepared in consultation with BCD, which provides for the management of the potential impacts and/or environmental consequences of the proposed second workings on flora and fauna, with a specific focus on threatened species, populations and their habitats, EECs and groundwater dependent ecosystems;	Yes	<p>The Biodiversity Management Plan is included in Appendix C of the Extraction Plan.</p> <p>The Biodiversity Management Plan has been prepared in consultation with the relevant agencies (refer to Attachment 2 of the Extraction Plan). It is noted that the Department waived the consultation requirements during the latest revision of the plan (refer to letter dated 3 September 2024 in Attachment 2) on the basis that the proposed reduction in the extent of Longwalls 24 to 26 would result in the same or reduced environmental impacts than those outlined in the approved Extraction Plan (Revision C, dated November 2023) and within the range of impacts approved under DA305-7-2003 (as modified).</p>
iii. Land Management Plan , which has been prepared in consultation with any affected public authorities, which provides for the management of the potential impacts and/or environmental consequences of the proposed second workings on land in general, with a specific focus on cliffs, minor cliffs, rock face features, steep slopes and agricultural enterprises;	Yes	<p>Land Management Plan included in Appendix B of the Extraction Plan. Section 1.1 of the Land Management Plan indicates that the Longwalls 24 to 26 Extraction Plan area is wholly located within WCPL owned land and that no privately owned land or public roads are located in this area.</p> <p>The Land Management Plan adequately provides for monitoring of cliffs, fences, ground surfaces, etc. A Land Management Plan trigger action response plan (Attachment 1) and Erosion and Sediment Control Plan (Attachment 2) are appended to the plan.</p>
iv. Heritage Management Plan , which has been prepared in consultation with BCD and relevant stakeholders for Aboriginal and non-Aboriginal heritage, to manage the potential impacts and/or environmental consequences of the proposed second workings on heritage items; and	Yes	<p>The Heritage Management Plan was revised to include Longwalls 24 to 26 and is included in Appendix D of the Extraction Plan.</p> <p>The Heritage Management Plan has been prepared in consultation with the relevant agencies (refer to Attachment 2 of the Extraction Plan). It is noted that the Department waived the consultation requirements during the latest revision of the plan (refer to letter dated 3 September 2024 in Attachment 2) on the basis that the proposed reduction in the extent of Longwalls 24 to 26 would result in the same or reduced environmental impacts than those outlined in the approved Extraction Plan (Revision C, dated November 2023) and within the range of impacts approved under DA305-7-2003 (as modified).</p> <p>Appendix C of the Heritage Management Plan provides environmental consequences of subsidence impacts on Aboriginal sites within Longwalls 24 to 26 extraction area, and relevant management and monitoring. These are consistent with previous management and monitoring measures implemented on-site and are considered adequate.</p>

Wambo Underground Coal Mine Consent (DA305-7-2003) (Schedule 2)	Satisfactory (Yes/No)	Comment
(g) include a program to collect sufficient baseline data for future Extraction Plans.	Yes	A program to collect baseline data for future extraction plans is included in Attachment 3 and is consistent with previous baseline monitoring programs and is considered adequate.