

WAMBO COAL PTY LIMITED



SOUTH BATES EXTENSION UNDERGROUND MINE

EXTRACTION PLAN LONGWALLS 21 TO 24

ATTACHMENT 1 STATUTORY REQUIREMENTS

Peabody

**Attachment 1
Statutory Requirements**

This Attachment outlines relevant statutory and guideline requirements and provides the relevant section of the Extraction Plan where the requirements are addressed. This Attachment considers the statutory instruments and guidelines in **Table A1-1**.

**Table A1-1
Relevant Statutory Instruments and Guidelines**

Statutory Instrument or Guideline	Attachment 1 Reference
Development Consent (DA 305-7-2003)	Table A1-2
Draft <i>Guidelines for the Preparation of Extraction Plans Required under Conditions of Development Consents, Project Approvals and Mining Lease Conditions for Underground Coal Mining</i> (Version 5) (Draft Extraction Plan Guidelines) (Department of Planning & Environment [now Department of Planning, Industry and Environment (DPIE)] and Division of Resources and Energy [now Mining Exploration and Geosciences (MEG)], 2015)	Table A1-3
Mining Lease Conditions	Table A1-4

**Table A1-2
Development Consent DA 305-7-2003 Requirements**

Condition Number	Condition	Document Reference/Comment																		
Performance Measures – Natural and Heritage Features, etc																				
B1.	<p>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>Table 1: Subsidence Impact Performance Measures – Natural and Heritage Features etc</p> <table border="1" data-bbox="369 502 1355 1257"> <thead> <tr> <th data-bbox="369 502 862 550">Feature</th> <th data-bbox="862 502 1355 550">Performance Measures</th> </tr> </thead> <tbody> <tr> <td colspan="2" data-bbox="369 550 1355 582">Water</td> </tr> <tr> <td data-bbox="369 582 862 718">Wollombi Brook</td> <td data-bbox="862 582 1355 718">Negligible subsidence impacts and environmental consequences Release of water from the site only in accordance with EPL requirements</td> </tr> <tr> <td colspan="2" data-bbox="369 718 1355 758">Land</td> </tr> <tr> <td data-bbox="369 758 862 933">Low level cliffs within the South Bates Extension Area</td> <td data-bbox="862 758 1355 933">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" data-bbox="369 933 1355 973">Biodiversity</td> </tr> <tr> <td data-bbox="369 973 862 1045">Wollemi National Park</td> <td data-bbox="862 973 1355 1045">Negligible subsidence impacts and environmental consequences</td> </tr> <tr> <td data-bbox="369 1045 862 1149">Warkworth Sands Woodland Community</td> <td data-bbox="862 1045 1355 1149">Minor cracking and ponding of the land surface or other subsidence impacts Negligible environmental consequences</td> </tr> <tr> <td data-bbox="369 1149 862 1257">White Box, Yellow Box, Blakely's Red Gum Woodland/Grassy White Box Woodland Community</td> <td data-bbox="862 1149 1355 1257">Minor cracking and ponding of the land surface or other subsidence impacts Negligible environmental consequences</td> </tr> </tbody> </table>	Feature	Performance Measures	Water		Wollombi Brook	Negligible subsidence impacts and environmental consequences Release of water from the site only in accordance with EPL requirements	Land		Low level cliffs within the South Bates Extension Area	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)	Biodiversity		Wollemi National Park	Negligible subsidence impacts and environmental consequences	Warkworth Sands Woodland Community	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	Minor cracking and ponding of the land surface or other subsidence impacts Negligible environmental consequences	<p>This Extraction Plan has been developed to meet the subsidence impact performance measures.</p> <p>Section 3.1 and Appendix A (Water Management Plan).</p> <p>Section 3.2 and Appendix B (Land Management Plan).</p> <p>Section 3.3 and Appendix C (Biodiversity Management Plan).</p> <p>Given the absence of the Warkworth Sands Woodland Community and the White Box, Yellow Box, Blakely's Red Gum Woodland/Grassy White Box Woodland Community from the South Bates Extension Underground Mine area, these communities are not expected to experience impacts resulting from the extraction of Longwalls 21 to 24.</p>
Feature	Performance Measures																			
Water																				
Wollombi Brook	Negligible subsidence impacts and environmental consequences Release of water from the site only in accordance with EPL requirements																			
Land																				
Low level cliffs within the South Bates Extension Area	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)																			
Biodiversity																				
Wollemi National Park	Negligible subsidence impacts and environmental consequences																			
Warkworth Sands Woodland Community	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	Minor cracking and ponding of the land surface or other subsidence impacts Negligible environmental consequences																			

**Table A1-2 (Continued)
Development Consent DA 305-7-2003 Requirements**

Condition Number	Condition	Document Reference/Comment										
B1. (Cont.)	<p>Table 1: Subsidence Impact Performance Measures (Continued)</p> <table border="1"> <thead> <tr> <th colspan="2" data-bbox="371 400 1357 443">Biodiversity (Continued)</th> </tr> </thead> <tbody> <tr> <td data-bbox="371 443 790 547">Central Hunter Valley Eucalypt Forest and Woodland Ecological Community</td> <td data-bbox="790 443 1357 547">Minor cracking and ponding of the land surface or other subsidence impacts Negligible environmental consequences</td> </tr> <tr> <td data-bbox="371 547 790 643">Conservation Areas (including the proposed Wambo offset area under SSD 7142)</td> <td data-bbox="790 547 1357 643">Negligible reduction to previously identified biodiversity credits</td> </tr> <tr> <th colspan="2" data-bbox="371 643 1357 683">Heritage</th> </tr> <tr> <td data-bbox="371 683 790 778">Wambo Homestead Complex</td> <td data-bbox="790 683 1357 778">Negligible impact on heritage values, unless approval has been granted by the Heritage Branch and/or the Minister</td> </tr> </tbody> </table>	Biodiversity (Continued)		Central Hunter Valley Eucalypt Forest and Woodland Ecological Community	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)	Negligible reduction to previously identified biodiversity credits	Heritage		Wambo Homestead Complex	Negligible impact on heritage values, unless approval has been granted by the Heritage Branch and/or the Minister	<p>Section 3.3 and Appendix C (Biodiversity Management Plan).</p> <p>Section 3.3 and Appendix C (Biodiversity Management Plan).</p> <p>Section 3.4 and Appendix D (Heritage Management Plan).</p>
Biodiversity (Continued)												
Central Hunter Valley Eucalypt Forest and Woodland Ecological Community	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)	Negligible reduction to previously identified biodiversity credits											
Heritage												
Wambo Homestead Complex	Negligible impact on heritage values, unless approval has been granted by the Heritage Branch and/or the Minister											
Performance Measures – Built Features												
B4.	<p>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>Table 2: Subsidence Impact Performance Measures – Built Features</p> <table border="1"> <thead> <tr> <th data-bbox="371 954 667 1002">Feature</th> <th data-bbox="667 954 1357 1002">Performance Measures</th> </tr> </thead> <tbody> <tr> <th colspan="2" data-bbox="371 1002 1357 1042">Built Features</th> </tr> <tr> <td data-bbox="371 1042 667 1225">All built features (including public infrastructure and all structures on privately-owned land)</td> <td data-bbox="667 1042 1357 1225">Always safe. Serviceability should be maintained wherever practicable. Loss of serviceability must be fully compensated. Damage must be fully repairable, and must be fully repaired or else replaced or fully compensated.</td> </tr> <tr> <th colspan="2" data-bbox="371 1225 1357 1265">Public Safety</th> </tr> <tr> <td data-bbox="371 1265 667 1305">Public Safety</td> <td data-bbox="667 1265 1357 1305">Negligible additional risk</td> </tr> </tbody> </table>	Feature	Performance Measures	Built Features		All built features (including public infrastructure and all structures on privately-owned land)	Always safe. Serviceability should be maintained wherever practicable. Loss of serviceability must be fully compensated. Damage must be fully repairable, and must be fully repaired or else replaced or fully compensated.	Public Safety		Public Safety	Negligible additional risk	<p>This Extraction Plan has been developed to meet the subsidence impact performance measures.</p> <p>Section 3.5 and Appendix E (Built Features Management Plan).</p> <p>Section 3.6 and Appendix F (Public Safety Management Plan).</p>
Feature	Performance Measures											
Built Features												
All built features (including public infrastructure and all structures on privately-owned land)	Always safe. Serviceability should be maintained wherever practicable. Loss of serviceability must be fully compensated. Damage must be fully repairable, and must be fully repaired or else replaced or fully compensated.											
Public Safety												
Public Safety	Negligible additional risk											

**Table A1-2 (Continued)
Development Consent DA 305-7-2003 Requirements**

Condition Number	Condition	Document Reference/Comment
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.	The Longwalls 21 to 24 Application Area is located entirely within WCPL-owned land. All built features are to be managed in accordance with Section 3.5 and the Built Features Management Plan (Appendix E).
First Workings		
B6.	<p>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>	<p>Confirmation from the Division of Resources and Geosciences was provided on 27 March 2018 that the proposed first workings for Longwalls 17 to 21 satisfied the requirements of Condition 22E, Schedule 4 of the Development Consent (DA 305-7-2003) (now Condition B6, Schedule 2), subject to the Mine Manager undertaking adequate monitoring of the stability of the first workings and implementing appropriate ground support of the roadways in accordance with the results of the monitoring.</p> <p>The above monitoring requirements are undertaken in accordance with the Strata Failure Management Plan.</p> <p>WCPL will consult with MEG regarding the first workings for Longwalls 22 to 24 prior to commencing these works.</p>
Extraction Plan		
B7.	<p>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> <p>(a) be prepared by a suitably qualified and experienced person/s whose appointment has been endorsed by the Planning Secretary;</p> <p>(b) include detailed plans of existing and proposed first and second workings and any associated surface development;</p> <p>(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;</p>	<p>Section 1.1 and Attachment 2.</p> <p>This application. Section 1.3 and Appendix G (Coal Resource Recovery Plan).</p> <p>Section 2.1 and Technical Reports 1 to 3.</p>

Table A1-2 (Continued)
Development Consent DA 305-7-2003 Requirements

Condition Number	Condition	Document Reference/Comment
B7. (Cont.)	(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: <ul style="list-style-type: none"> (i) a trigger action response plan to identify risks and specific follow up actions to avoid exceedances of the performance measures; and (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; 	Section 3 and Appendices A, B, C, E and F.
	(e) include the following to the satisfaction of the Resources Regulator (or DRG, as the case may require):	Section 2.1 and Technical Reports 1 to 3.
	(i) a coal resource recovery plant that demonstrates effective recovery of the available resource;	Appendix G (Coal Resource Recovery 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; 	Section 3.8 and Appendix H (Subsidence Monitoring Program).
	(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 • has been prepared following appropriate consultation with the owner/s of potentially affected feature/s; 	Section 3.5 and Appendix E (Built Features Management Plan). There is no public infrastructure in the Longwalls 21 to 24 Application Area.
(iv) a Public Safety Management Plan to ensure public safety in the mining area; and	Section 3.6 and Appendix F (Public Safety Management Plan).	

**Table A1-2 (Continued)
Development Consent DA 305-7-2003 Requirements**

Condition Number	Condition	Document Reference/Comment
B7. (Cont.)	(f) appropriate revisions to the Rehabilitation Management Plan required under condition B107; and	<p>The Rehabilitation Management Plan, in the form of the approved Mining Operations Plan (MOP), is provided in Appendix I.</p> <p>The latest version of the MOP was approved by the DRG (now MEG) on 11 November 2019 and addresses the requirements of a Rehabilitation Management Plan.</p> <p>An updated version of the MOP is currently in preparation for Phase 2 of the United Wambo Joint Venture Project.</p>
	(g) include a:	
	<p>(i) Water Management Plan, which has been prepared in consultation with EPA, DPIE Water and NRAR, which provides for the management of the potential impacts and/or environmental consequences of the proposed second working on surface water resources, groundwater resources and flooding, and which includes:</p> <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; <p>(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;</p>	<p>Section 3.1 and Appendix A (Water Management Plan).</p> <p>The Environment Protection Authority (EPA), Department of Planning, Industry and Environment – Water (DPIE-Water) and Natural Resources Access Regulator (NRAR) have been provided with copies of this Extraction Plan, including the Water Management Plan. Drafts of the component plans for this Water Management Plan were provided to the EPA, DPIE-Water and NRAR on 20 March 2020.</p> <p>None of the agencies have provided any comments to date.</p> <p>Section 3.3 and Appendix C (Biodiversity Management Plan).</p> <p>A draft of the Biodiversity Management Plan was provided to the Biodiversity Conservation Division (BCD) on 20 March 2020. On 3 May 2020, BCD provided comments on the Biodiversity Management Plan which have been addressed in the latest revision.</p>

**Table A1-2 (Continued)
Development Consent DA 305-7-2003 Requirements**

Condition Number	Condition	Document Reference/Comment
B7. (Cont.)	(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;	Section 3.2 and Appendix B (Land Management Plan). There are no 'affected public authorities' relevant to the Longwalls 21 to 24 Application Area. Therefore, the Land Management Plan was not distributed for comment.
	(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	Section 3.4 and Appendix D (Heritage Management Plan). A draft of the Heritage Management Plan was provided to the BCD on 23 March 2020. Aboriginal parties registered at the Wambo Coal Mine were consulted through the preparation of a Cultural Heritage Impact Assessment that accompanied DA 305-7-2003 MOD 17 and associated application for an Aboriginal Heritage Impact Permit, and a copy of the Heritage Management Plan was also provided in March 2020. No comments on the Heritage Management Plan were received from BCD or registered Aboriginal parties.
	(h) include a program to collect sufficient baseline data for future Extraction Plans.	Attachment 3.
B9.	<p>The Applicant must implement the Extraction Plan as approved by the Planning Secretary.</p> <p>Notes:</p> <ul style="list-style-type: none"> • <i>Management plans prepared under condition B7(e)&(f) should address all potential impacts of proposed underground coal extraction on the relevant features. Other site-wide management plans required under this consent are not required to duplicate these plans or re-address the specific impacts associated with underground coal extraction.</i> 	Appendices A to D.

**Table A1-3
Requirements of the Draft Extraction Plan Guideline**

Guideline Section	Requirement	Document Reference/Comment
Structure		
-	<p>The high-level structure for the required elements of an Extraction Plan should be as follows:</p> <ul style="list-style-type: none"> • Title block; • Development of the Plan; • Overview; • Six key component plans: <ul style="list-style-type: none"> - Water Management Plan; - Land Management Plan; - Biodiversity Management Plan; - Built Features Management Plan; - Heritage Management Plan; and - Public Safety Management Plan. • Subsidence Monitoring Program; • Implementation; • Graphical Plans; and • Attachments. 	<p>The Extraction Plan has been structured as follows:</p> <ul style="list-style-type: none"> • Overview and Summary of Commitments. • Section 1 – Overview of the Extraction Plan. • Section 2 – Development of the Extraction Plan. • Section 3 – Subsidence Management and Monitoring. Summarises the monitoring and management measures in the component management plans. Section 3.8 provides an overview of subsidence monitoring. • Section 4 – Implementation. • Section 5 – References. • Section 6 – Abbreviations, Acronyms and Glossary. • Attachments 1 to 4. • Appendices A to I (component management plans). Graphical plans are provided in Appendix G (Coal Resource Recovery Plan). • Technical Reports 1 to 4.

Table A1-3 (Continued)
Requirements of the Draft Extraction Plan Guideline

Guideline Section	Requirement	Document Reference/Comment
Title Block		
1	<p>A title block should be included at the beginning of the Extraction Plan, which contains the:</p> <ul style="list-style-type: none"> • name of the applicant company; • name of mine; • development consent and mining lease reference numbers; • Extraction Plan title, date and reference number; and • the signature(s) of person(s) taking responsibility for the accuracy and comprehensiveness of the information contained within the plan, including an authorised representative of the lease holder and the mine manager (for the purposes of relevant safety legislation). 	Document Control page.
Development		
2	<p>Most importantly, this section should address <i>consultation undertaken by the Applicant with affected agencies and other key stakeholders</i>, such as the owners and/or operators of both publicly and privately-owned infrastructure and the mine’s Community Consultative Committee.</p> <p>Mines are encouraged to provide draft copies of the Extraction Plan and/or some of its component plans (see Section 4 below) to key regulators for review and feedback.</p> <p>Owners of both publicly and privately-owned infrastructure that may be impacted by subsidence should also be consulted.</p> <p>Landowners (whether public or private) may also need to be consulted.</p> <p>Where conditions of consent <i>require</i> consultation with affected agencies, then evidence of the Applicant’s consultative process should be appended to the Extraction Plan, or else provided separately. This evidence should address who was consulted and when, and whether and to what degree their feedback has been incorporated into the Plan.</p>	<p>Section 2.3</p> <p>Table 8.</p> <p>Section 2.3.3. All assets within the Longwalls 21 to 24 Application Area are WCPL-owned.</p> <p>The Longwalls 21 to 24 Application Area is located entirely within WCPL-owned land.</p> <p>Attachment 2.</p>

**Table A1-3 (Continued)
Requirements of the Draft Extraction Plan Guideline**

Guideline Section	Requirement	Document Reference/Comment
2 (Cont.)	<p>This section should also describe the <i>process of reviewing and updating the predictions of subsidence effects, subsidence impacts and environmental consequences</i> used in previous environmental impact assessment or environmental management plan documentation relied upon by the Applicant (e.g. the predictions in any previous Environmental Impact Statement and/or the predictions in any previous Extraction Plan or SMP).</p> <p>Essentially, this sub-section should provide assurance that previous predictions either remain current (perhaps because this is the first Extraction Plan to be approved following grant of development consent), or that they have been recently revised to take into account monitoring undertaken since the last set of detailed predictions were developed. For guidance, all predictions of subsidence effects, subsidence impacts and environmental consequences should normally take into account the monitored results of the last complete longwall extraction, or all results of monitoring more than six months prior to the date of submission in the case of other types of extraction panels.</p>	Section 2.1 and Technical Reports 1 to 3.
Overview		
3	<p>The overview section is an essential introduction to the Extraction Plan. It should accurately describe:</p> <ul style="list-style-type: none"> • mine planning and design, including: <ul style="list-style-type: none"> - area covered by the Plan and proposed mine layout, described in both text and figures and/or graphical plans. The Plans should also describe and depict all key landscape features, heritage sites and environmental values; - area of underground mining domains (both extracted and approved) for the mine as a whole, showing in context the area covered by the Plan and proposed mine layout, described in text, figures and graphical plans; - all key proposed mining parameters (described in text, figures and graphical plans) such as proposed mining methods, seam thickness, panel and void widths, chain pillar width, mining height, depth of cover, mining rate, extraction stages and sequencing, resource recovery; 	<p>Section 1.3.</p> <p>Section 1.1 and Figures 2 and 3.</p> <p>Figures 2, 3 and 6.</p> <p>Table 2 and Figure 6. Further detail is provided in the Coal Resource Recovery Plan (Appendix G).</p>

**Table A1-3 (Continued)
Requirements of the Draft Extraction Plan Guideline**

Guideline Section	Requirement	Document Reference/Comment
3 (Cont.)	<ul style="list-style-type: none"> - all key existing mining parameters (described in text, figures and graphical plans) such as existing workings (including abandoned workings), whether in the proposed extraction seam or in overlying or underlying seams, and the distribution, geometry and stability of significant voids, standing pillars or remnants which may interact with any proposed workings; and 	Section 1.3.1 and Coal Resource Recovery Plan (Appendix G).
	<ul style="list-style-type: none"> - any special features such as proposed and/or existing multi-seam mining, unusual roof and/or floor conditions, and any conditions that may cause elevated or abnormal subsidence or the formation of sinkholes; 	Section 1.3.1 and Coal Resource Recovery Plan (Appendix G).
	<ul style="list-style-type: none"> • subsidence predictions, including: 	
	<ul style="list-style-type: none"> - all key currently-predicted subsidence parameters (for each proposed longwall or other extraction panel) in both text and figures and/or plans; such as vertical subsidence, tilts, compressive and tensile strains, upside and valley closure, relevant far-field movements, including (where relevant) the timing and duration of these parameters; 	Section 1.4.
	<ul style="list-style-type: none"> • performance objectives and other regulatory requirements, including: 	
	<ul style="list-style-type: none"> - what is required to be achieved by the Applicant under the conditions of development consent that establish the requirement for the Extraction Plan and other relevant conditions, including all performance measures listed in the consent; and 	Table 5.
	<ul style="list-style-type: none"> - what is required to be achieved by the Applicant under other regulatory requirements, including the mining lease, relevant safety legislation, environment protection licence and other required approvals, and limitations and other key requirements of these statutes and approvals; 	Section 1.5 and this Attachment.
	<ul style="list-style-type: none"> • subsidence management, strategies and measures, ie the means by which the requirements of the conditions of consent and other approvals and statutes are going to be achieved by the Applicant, through: 	Section 1.6.
	<ul style="list-style-type: none"> - selection of mine design elements and best practice methods (ie avoidance and mitigation strategies); - remediation strategies and measures proposed to be implemented in response to predicted subsidence impacts and/or environmental consequences; 	Further detail is provided in Sections 3.1 to 3.7.

**Table A1-3 (Continued)
Requirements of the Draft Extraction Plan Guideline**

Guideline Section	Requirement	Document Reference/Comment
3 (Cont.)	- monitoring of subsidence effects, subsidence impacts and environmental consequences (including plans showing all proposed monitoring points);	Further detail is provided in Section 3.8.
	- adaptive management to avoid repetition of any unpredicted subsidence impacts and/or environmental consequences, including capacity to detect early warning of and respond to deviations from required performance measures;	Further detail is provided in Section 4.1.
	- procedures for investigations of incidents (including all exceedances of performance measures) and appropriate response; and	Further detail is provided in Section 4.1.2.
	- procedures for quality assurance and review of the management system.	Further detail is provided in Sections 4.1 to 4.4.
Key Component Plans		
4	<p>The main body of the Extraction Plan primarily comprises a set of six key component plans. It is appropriate that these are presented in a particular order, even if some of the later plans deserve a particular priority due to local circumstances (eg the Built Features or Heritage Management Plans). The preferred order for these component plans is as follows:</p> <ul style="list-style-type: none"> • Water Management Plan; • Land Management Plan; • Biodiversity Management Plan; • Heritage Management Plan; • Built Features Management Plan; and • Public Safety Management Plan. 	<p>Section 3 summarises the monitoring and management measures in the following component management plans:</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; and • Appendix F – Public Safety Management Plan.

**Table A1-3 (Continued)
Requirements of the Draft Extraction Plan Guideline**

Guideline Section	Requirement	Document Reference/Comment
4 (Cont.)	<p>Each of these key component plans should follow the structure of:</p> <ul style="list-style-type: none"> • overview of all landscape features, heritage sites, environmental values, built features or other values to be managed under the component plan; • setting out all performance measures included in the development consent relevant to the features or values to be managed under the component plan; • setting out clear objectives to ensure the delivery of the performance measures and all other relevant statutory requirements (including relevant safety legislation); • proposing performance indicators to establish compliance with these performance measures and statutory requirements; • describing the landscape features, heritage sites and environmental values to be managed under the component plan, and their significance. It should be noted that a full description of such features, sites and values would commonly have been provided and considered in a recent environmental impact assessment. Consequently, this section can be relatively brief, and focus on the presentation of appropriate figures and/or graphical plans; • fully describing all currently-predicted subsidence impacts and environmental consequences relevant to the features, sites and values to be managed under the component plan; • fully describing all measures planned to remediate these impacts and/or consequences, including any measures proposed to ensure that impacts and/or consequences comply with performance measures and/or the Applicant’s commitments; • describing the existing baseline monitoring network and the current baseline monitoring results, including pre-subsidence photographic surveys of key landscape features and key heritage sites which may be subject to significant subsidence impacts (such as significant watercourses, swamps and Aboriginal heritage sites); 	<p>Table 2 and Section 1.1 of Appendix A, Section 1.1 of Appendix B, Section 1 of Appendix C, Section 1 of Appendix D, Sections 1.1 and 2 of Appendix E and Section 1.1 of Appendix F.</p> <p>Section 2 of Appendix A, Section 2 of Appendix B, Section 5.4 of Appendix C, Section 5.2 of Appendix D, Section 3 of Appendix E and Section 2 of Appendix F.</p> <p>Section 2 of Appendix A, Section 2 of Appendix B, Section 5.4 of Appendix C, Section 3 of Appendix E and Section 2 of Appendix F.</p> <p>Section 6 of Appendix A, Section 6 of Appendix B, Section 5.4 of Appendix C, Attachment 1 of Appendix E and Section 6 of Appendix F.</p> <p>Table 2 and Section 3 of Appendix A, Section 3 of Appendix B, Section 3 and Appendix L of Appendix C, Sections 2 and 5 of Appendix D, Table 1 of Appendix E and Section 3 of Appendix F.</p> <p>Section 3 of Appendix A, Section 3 of Appendix B, Appendix L of Appendix C, Appendix C of Appendix D, Section 5 and Attachment 1 of Appendix E and Section 3 of Appendix F.</p> <p>Table 2 and Section 5 of Appendix A, Section 5 of Appendix B, Section 6.2 of Appendix C, Section 4.7 of Appendix D, Attachment 1 of Appendix E and Section 5 of Appendix F.</p> <p>Table 2 of Appendix A, Section 3 and Table 2 of Appendix B, Section 3 of Appendix C and Sections 2, 3 and 5 of Appendix D.</p>

**Table A1-3 (Continued)
Requirements of the Draft Extraction Plan Guideline**

Guideline Section	Requirement	Document Reference/Comment
4 (Cont.)	<ul style="list-style-type: none"> fully describing the proposed monitoring of subsidence impacts and environmental consequences; 	Section 4 and Table 2 of Appendix A, Section 4 of Appendix B, Section 7.1 of Appendix C, Section 4.7 of Appendix D, Attachment 1 of Appendix E and Section 4 of Appendix F.
	<ul style="list-style-type: none"> describing the proposed monitoring of the success of remediation measures following implementation; 	Section 6 of Appendix A, Section 6 of Appendix B, Attachment 1 of Appendix E and Section 6 of Appendix F.
	<ul style="list-style-type: none"> fully describing adaptive management proposed to avoid repetition of unpredicted subsidence impacts and/or environmental consequences; 	Section 6 of Appendix A, Section 6 of Appendix B, Section 8 of Appendix C, Section 9.1 of Appendix D, Attachment 1 of Appendix E and Section 6 of Appendix F.
	<ul style="list-style-type: none"> fully describing contingency plans proposed to prevent, mitigate or remediate subsidence impacts and/or environmental consequences which substantially exceed predictions or which exceed performance measures; 	Sections 6 and 7 of Appendix A, Sections 6 and 7 of Appendix B, Section 8 of Appendix C, Section 9 of Appendix D, Attachment 1 of Appendix E and Sections 6 and 7 of Appendix F.
	<ul style="list-style-type: none"> listing responsibilities for implementation of the plan; and 	Table 2 of Appendix A, Section 8 of Appendix B, Section 12 of Appendix C, Section 10 of Appendix D, Attachment 1 of Appendix E and Section 8 of Appendix F.
	<ul style="list-style-type: none"> an attached Trigger, Action, Response Plan (effectively a tabular summary of most of the above). 	Attachment 1 of Appendices A to B, Section 8.2 of Appendix C and Attachment 1 of Appendices E and F.
	<p>All six key component plans should give appropriate consideration to risk assessment and risk management.</p> <p>This is particularly the case for Public Safety Management Plans and Built Features Management Plans. These two plans should include:</p> <ul style="list-style-type: none"> the results of risk assessment conducted by a competent person in accordance with relevant standards and guidelines; description of the investigation and analysis methods used in determining the risk control measures and procedures, carried out by a competent person; description of all risk control measures and procedures, including a statement of the feasibility to manage identified risks; and a proposed program for implementation of the proposed risk control measures and procedures. 	<p>Technical Report 4 and reflected in Appendices A to F.</p> <p>Technical Report 4, Section 6 of Appendix E and Section 3 of Appendix F.</p>

Table A1-3 (Continued)
Requirements of the Draft Extraction Plan Guideline

Guideline Section	Requirement	Document Reference/Comment
4 (Cont.)	<p>The Public Safety Management Plan must address all potential safety hazards to the public. The scope of the Plan should include management of health and safety risks due to:</p> <ul style="list-style-type: none"> • potential subsidence impacts on built features; • potential instability of cliff formations or steep slopes caused by subsidence; • deformations or fracturing of any land caused by subsidence, and • any other impacts of subsidence. 	Sections 1.1 and 3 of Appendix F.
	<p>This Plan should address management measures such as:</p> <ul style="list-style-type: none"> • monitoring of areas posing safety risks; • erection of warning signs and possible entry or use restrictions; • backfilling of surface cracks and/or re-profiling of humps and swales on tracks and roads; • infilling of pot holes; • securing of potentially unstable structures and rock masses; • identification of potential flood-related impacts that may pose a risk to public safety; and • provision of regular updates regarding mining progress to the community where management of public safety is a significant issue. 	<p>Section 4 of Appendix F. Section 5 of Appendix F. Section 5 of Appendix F and Appendix B. Section 5 of Appendix F and Appendix B. Section 5 of Appendix F and Appendix B. Not applicable. Not applicable (WCPL-owned land).</p>
	<p>It may be appropriate that owners of either land or infrastructure are compensated in some manner for damage, disturbance, access requirements or other inconvenience associated with mining and mine subsidence. Such compensation may reflect the requirements of the <i>Mine Subsidence Compensation Act 1961</i>, Part 13 of the <i>Mining Act 1992</i> and/or conditions of development consent.</p>	<p>The Longwalls 21 to 24 Application Area is located entirely within WCPL-owned land. All assets within the Longwalls 21 to 24 Application Area are WCPL-owned.</p>

**Table A1-3 (Continued)
Requirements of the Draft Extraction Plan Guideline**

Guideline Section	Requirement	Document Reference/Comment
Subsidence Monitoring Program		
5	The key component plans should be followed by a Subsidence Monitoring Program.	Section 3.8 and Appendix H (Subsidence Monitoring Program).
	This program should address two purposes. The first is to set out the program for monitoring the <i>subsidence effects</i> associated with the proposed coal extraction.	Section 3 of Appendix H.
	The second is to summarise and consolidate the various environmental monitoring programs presented in each of the key component plans.	Section 4 of Appendix H.
	<u><i>Subsidence Effects Monitoring Program</i></u> The Subsidence Effects Monitoring Program must provide sufficient information on subsidence effects to fully support implementation of the Extraction Plan. It should have clearly stated objective(s) and address the following:	
	• proposed subsidence monitoring activities (individually specified);	Section 3 and Table 1 of Appendix H.
	• information or subsidence parameters to be obtained from each monitoring activity;	Table 1 of Appendix H.
	• proposed locations and/or extents where each monitoring activity will be undertaken, in particular, the proposed layout and/or locations of instrumentation, monitoring points or inspections (including graphical plans);	Table 1 and Attachment 1 of Appendix H.
	• proposed timing, frequency and duration of each monitoring activity;	Table 1 of Appendix H.
	• proposed monitoring methods, technologies, industry standards (eg ICSM Standards (SP1) Version 2.0) or Codes of Practice to be applied in undertaking each monitoring activity;	Table 1 of Appendix H.
	• proposed measures and procedures for quality assurance and competence of personnel undertaking monitoring activities;	Section 3 of Appendix H.
• proposed procedures to record monitoring results;	Section 3.3 of Appendix H.	
• proposed reporting monitoring results, including the frequency of reporting. The primary recipient of reports is DRE, and required reporting frequency will depend on the significance of features which are subject to risk of subsidence impact and consequence, and the scale of that risk; and	Section 3.3 of Appendix H.	
• capacity of the program to detect early warning of deviations from the defined performance measures and associated performance indicators.	Section 3 of Appendix H.	

**Table A1-3 (Continued)
Requirements of the Draft Extraction Plan Guideline**

Guideline Section	Requirement	Document Reference/Comment
5 (Cont.)	<p><u><i>Environmental Monitoring Program Summary</i></u> The Subsidence Effects Monitoring Program must summarise and consolidate the various monitoring programs presented in each of the key component plans, including the Built Features and Public Safety Management Plans. These environmental monitoring programs should be directed towards <i>monitoring the subsidence impacts and environmental consequences</i> of mine subsidence.</p>	Section 3.8, and Section 4 of Appendix H.
	<p>It should contain figures showing the monitoring sites for each of the various monitoring programs, as well as a consolidated figure or figures showing all monitoring sites.</p>	Figure 1 and 2 of Appendix H.
	<p>It should be noted that the purpose of this summary is not to <i>repeat</i> the monitoring programs which are in themselves important elements of each of the key component plans. Instead the purpose is to present a consolidated overview of the six monitoring programs, enabling ready review of the overall monitoring program. As such, clear figures and tabulated information are critical.</p>	Noted.
Implementation		
6	<p>This section of the Extraction Plan should address all key elements of how the plan is going to be implemented, including reporting, regular review and key responsibilities. This section should follow the structure set out below:</p> <ul style="list-style-type: none"> • Reporting Framework; • Review of the Extraction Plan; • Review of other Management Plans; and • Key Responsibilities. 	<p>Section 4 has been structured as follows:</p> <ul style="list-style-type: none"> • Section 4.1 – Adaptive Management and Contingency Response. • Section 4.2 – Reporting Framework. • Section 4.3 – Review of the Extraction Plan. • Section 4.4 – Review of Other Management Plans. • Section 4.5 – Key Responsibilities.

**Table A1-3 (Continued)
Requirements of the Draft Extraction Plan Guideline**

Guideline Section	Requirement	Document Reference/Comment
6 (Cont.)	<p>The reporting framework is a critical section of the Extraction Plan. DPE and DRE both consider that there is value in developing and applying a standard reporting framework for all mines which are operating under an Extraction Plan approved after 30 September 2014. The required elements of this framework are:</p> <ul style="list-style-type: none"> • incident reporting, following any occasion of incident, in accordance with the conditions of consent and/or environment protection licence and/or any requirements in the TARP(s); • bi-monthly subsidence impact reporting, following regular monthly inspections, but only if any new impact is identified. Impacts should be clearly distinguished between those which are within predictions, those which exceed predictions but remain within performance measures and/or performance indicators, and those which exceed performance measures and/or performance indicators. Impact reporting must include a full description, location identification using aerial photos with longwall layout superimposed, good photos of the impact, and preliminary characterisation of the impact in accordance with the relevant TARP(s); • six-monthly reporting of all impacts and environmental monitoring results, including: <ul style="list-style-type: none"> - a comprehensive summary of all impacts, including a revised characterisation according to the relevant TARP(s); - any proposed actions resulting from Triggers being met in the TARP, or other actions; - assessment of compliance with all relevant performance measures and indicators; - a comprehensive summary of all quantitative and qualitative environmental monitoring results, including landscape monitoring, water quality data, water flow and pool level data, piezometer readings, etc; and • Annual Review (or Annual Environmental Management Report) reporting, to be based on each two successive six-monthly reports of impacts and environmental monitoring results. A summary of subsidence effects monitoring results should also be included. <p>DPE and/or DRE may agree to a lesser frequency for the bi-monthly and six-monthly reporting set out above, where subsidence impacts and environmental consequences at the mine are relatively rare and benign in character.</p> <p>This section of the Extraction Plan should also set out, clearly and in tabular fashion, which agencies will receive copies of each of the types of reports discussed above. The means of submission should also be set out. DPE and DRE's preferred method of submission for all reports provided at less than annual frequency is by email.</p>	<p>Table 21 presents the proposed reporting framework for Longwalls 21 to 24.</p>

**Table A1-3 (Continued)
Requirements of the Draft Extraction Plan Guideline**

Guideline Section	Requirement	Document Reference/Comment
6 (Cont.)	<p>Processes for the future review of the Extraction Plan should also be set out in detail. Such reviews should take place in the following circumstances:</p> <ul style="list-style-type: none"> • as required under consent conditions (see below); • where unpredicted subsidence impacts and/or environmental consequences have required the implementation of contingency plans; and • when preparing a subsequent Extraction Plan. 	Section 4.3.
	<p>Where unpredicted subsidence impacts and/or environmental consequences have occurred, adaptive management requires the implementation of previously approved processes to consider and implement measures to prevent their re-occurrence. However, in certain circumstances (ie where the exceedances are particularly significant and/or are continuing to occur), adaptive management may require a more fundamental review of the Extraction Plan. The Extraction Plan should set out the circumstances in which it is considered that the Plan itself (or any of its key elements) would be reviewed.</p>	Section 4.1.2.
	<p>Development of an Extraction Plan may require review of other management plans. For example, conditions of consent regarding Extraction Plans require that the Extraction Plan include any consequential revisions for the mine's Rehabilitation Management Plan. Other plans may also need to be reviewed (eg management plans applying more broadly to the whole minesite, such as DRE's Mine Operations Plan). This section of the Extraction Plan should set out the process for such review, but not the proposed revisions themselves. The proposed revisions should be separately forwarded, as a proposed amendment to the relevant plan.</p>	Management plans proposed to be reviewed to incorporate Longwalls 21 to 24 are identified in Section 4.4.
	<p>The Implementation section of the plan should also set out in detail who is responsible for implementing its various requirements (key responsibilities). This sub-section should clearly identify which officers of the Applicant (or consultancy) have key responsibility for ensuring the implementation of the overall Extraction Plan, its key component plans and other elements, who has responsibility for incident and other reporting, who is responsible for decisions to activate TARPs, who is responsible for various elements of the plan's future review, etc.</p>	Section 4.5.

Table A1-3 (Continued)
Requirements of the Draft Extraction Plan Guideline

Guideline Section	Requirement	Document Reference/Comment								
Graphical Plans										
7	<p>The following plans are required as part of the application.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Plan 1</td> <td style="width: 50%;">Plan 5</td> </tr> <tr> <td>Plan 2</td> <td>Plan 6</td> </tr> <tr> <td>Plan 3</td> <td>Plan 7</td> </tr> <tr> <td>Plan 4</td> <td></td> </tr> </table>	Plan 1	Plan 5	Plan 2	Plan 6	Plan 3	Plan 7	Plan 4		Plans 1 to 7 in Coal Resource Recovery Plan (Appendix G).
Plan 1	Plan 5									
Plan 2	Plan 6									
Plan 3	Plan 7									
Plan 4										
	<p><i>Notes to all Plans:</i></p> <p>(i) <i>While the plans need not be in the exact format set out above, all the requested information must be supplied.</i></p> <p>(ii) <i>All plans need to be clear, uncluttered and legible.</i></p> <p>(iii) <i>All plans should be of the same scale and size and cover the same area so that they can be compared to assess surface and underground features.</i></p> <p>(iv) <i>A copy of coloured aerial photography of the Extraction Plan application area and its immediate surroundings with an outline of existing and proposed workings should be included, where available. Aerial photography of an adequate scale to show significant surface features should be used.</i></p> <p>(v) <i>The preferred sheet size is A0. The plans should be contained within a border. There should be a title block on the plans containing:</i></p> <ul style="list-style-type: none"> • <i>name of the Applicant;</i> • <i>name of mine;</i> • <i>Extraction Plan title;</i> • <i>graphical plan title and reference number;</i> • <i>scale;</i> • <i>date of last revision; and</i> • <i>Mine Manager’s signature and date of signing to testify to the Manager’s acceptance of the information shown on the plans.</i> 	Plans 1 to 7 in Coal Resource Recovery Plan (Appendix G).								

Table A1-3 (Continued)
Requirements of the Draft Extraction Plan Guideline

Guideline Section	Requirement	Document Reference/Comment
Attachments to the Extraction Plan		
8	<p>Any required Coal Resource Recovery Plan should also be included as an attachment.</p> <p>Extraction Plans are also required to include details of a program to collect sufficient baseline data for any necessary future Extraction Plans. Details regarding the program to gather baseline data to support future plans should also be included as an attachment.</p>	<p>Coal Resource Recovery Plan (Appendix G).</p> <p>Attachment 3.</p>

**Table A1-4
Mining Lease Requirements**

Condition Number	Condition	Document Reference/Comment
Mining Lease 1594 and Mining Lease 1572		
4	<p>(b) The lease holder must not undertake any underground mining operations that may cause subsidence except in accordance with an approved Extraction Plan.</p> <p>(c) The lease holder must ensure that the approved Extraction Plan provides for the effective management of risks associated with any subsidence resulting from mining operations carried out under this lease.</p> <p>(d) The lease holder must notify the Secretary within 48 hours of any:</p> <ul style="list-style-type: none"> (i) incident caused by subsidence which has a potential to expose any person to health and safety risks; (ii) significant deviation from the predicted nature, magnitude, distribution, timing and duration of subsidence effects, and of the potential impacts and consequences of those deviations on built features and the health and safety of any person; or (iii) significant failure or malfunction of a monitoring device or risk control measure set out in the approved Extraction Plan addressing: <ul style="list-style-type: none"> A. built features; B. public safety; or C. subsidence monitoring. 	<p>This application.</p> <p>Technical Report 4 and Appendices A to F.</p> <p>Section 4.2.</p>
12	<p>Operations must be carried out in a manner that ensures the safety of persons or stock in the vicinity of the operations. All drill holes shafts and excavations must be appropriately protected, to the satisfaction of the Director General, to ensure that access to them by persons and stock is restricted. Abandoned shafts and excavations opened up or used by the lease holder must be filled in or otherwise rendered safe to a standard acceptable to the Director-General.</p>	<p>Appendix F (Public Safety Management Plan).</p>
13	<p>(a) Land disturbed must be rehabilitated to a stable and permanent form suitable for a subsequent land use acceptable to the Director-General and in accordance with the Mining Operations Plan so that:-</p> <ul style="list-style-type: none"> • there is no adverse environmental effect outside the disturbed area and that the land is properly drained and protected from soil erosion. • the state of the land is compatible with the surrounding land and land-use requirements. • the landforms, soils, hydrology and flora require no greater maintenance than that in the surrounding land. 	<p>Appendix I (Rehabilitation Management Plan).</p>

**Table A1-4 (Continued)
Mining Lease Requirements**

Condition Number	Condition	Document Reference/Comment
13 (cont.)	<ul style="list-style-type: none"> • in cases where revegetation is required and native vegetation has been removed or damaged, the original species must be re-established with close reference to the flora survey included in the Mining Operations Plan. If the original vegetation was not native, any re-established vegetation must be appropriate to the area and at an acceptable density. • the land does not pose a threat to public safety. <p>(b) Any topsoil that is removed must be stored and maintained in a manner acceptable to the Director-General.</p>	<p>Appendix I (Rehabilitation Management Plan).</p> <p>Appendix F (Public Safety Management Plan).</p> <p>Appendix I (Rehabilitation Management Plan).</p>
16	<p>Operations must be carried out in a manner that does not cause or aggravate air pollution, water pollution (including sedimentation) or soil contamination or erosion, unless otherwise authorised by a relevant approval, and in accordance with an accepted Mining Operations Plan. For the purpose of this condition, water shall be taken to include any watercourse, waterbody or groundwaters. The lease holder must observe and perform any instructions given by the Director-General in this regard.</p>	<p>Appendix A (Water Management Plan) and Appendix B (Land Management Plan).</p>
17	<p>Operations must not interfere with or impair the stability or efficiency of any transmission line, communication line, pipeline or any other utility on the lease area without prior written approval of the Director-General and subject to any conditions he may stipulate.</p>	<p>Appendix E (Built Features Management Plan)</p> <p>All assets within the Longwalls 21 to 24 Application Area are WCPL-owned.</p>
18	<p>(a) Activities on the lease must not interfere with or damage fences without the prior written approval of the owner thereof or the Minister and subject to any conditions the Minister may stipulate.</p>	<p>Appendix B (Land Management Plan)</p> <p>All fences within the Longwalls 21 to 24 Application Area are WCPL-owned.</p>
19	<p>(a) Operations must not affect any road unless in accordance with an accepted Mining Operations Plan or with the prior written approval of the Director-General and subject to any conditions he may stipulate.</p>	<p>Appendix B (Land Management Plan) and Appendix E (Built Features Management Plan)</p> <p>All roads and tracks within the Longwalls 21 to 24 Application Area are WCPL-owned.</p>
27	<p>(A) Notwithstanding any Mining Operations Plan, the lease holder must not mine within any part of the lease area which is within the notification area of the Wambo Tailings Dam without the prior written approval of the Minister and subject to any conditions that he may stipulate.</p>	<p>The Longwalls 21 to 24 Application Area does not intersect the Notification Area of any Prescribed Dams (Appendix E [Built Features Management Plan]).</p>
Annexure A (12/11/2013)	<p>(a) Notwithstanding any Mining Operations Plan, the leaseholder must not mine within any part of the lease area which is within the notification area of the Wambo South Water Dam without the prior written approval of the Minister and subject to any conditions that he may stipulate.</p>	<p>The Longwalls 21 to 24 Application Area does not intersect the Notification Area of any Prescribed Dams (Appendix E [Built Features Management Plan]).</p>

Table A1-4 (Continued)
Mining Lease Requirements

Condition Number	Condition	Document Reference/Comment
Coal Lease 397		
1	(d) Where the registered holder desires to commence and to carry out underground mining operations within the subject area or where the Minister notifies the registered holder that he proposes to issue a direction pursuant to paragraph (c) of this condition the registered holder shall furnish to the Minister a plan showing the proposed workings in the section of land to be so mined together with such other details as the Minister may require.	Workings which are the subject of this application are shown on Plan 7 of Appendix G (Coal Resource Recovery Plan).
26	The registered holder shall not interfere in any way with any fences on or adjacent to the subject area unless with the prior written approval of the owner thereof of the Minister and subject to such conditions as the Minister may stipulate.	Appendix B (Land Management Plan) and Appendix E (Built Features Management Plan). All fences within the Longwalls 21 to 24 Application Area are WCPL-owned.
27	The registered holder shall observe any instruction given or which may be given by the Minister with a view to minimising or preventing public inconvenience or damage to public or private property.	Appendix E (Built Features Management Plan). All assets within the Longwalls 21 to 24 Application Area are WCPL-owned.
30	Subject to any specific condition of this lease providing for rehabilitation of any particular part of the subject area affected by mining or activities associated therewith, the registered holder shall; (a) reinstate, level, regrass, reforest and contour to the satisfaction of the Minister, any part of the subject area that may in the opinion of the Minister have been damaged or deleteriously affected by mining operations; and (b) fill in, seal or fence, to the satisfaction of the Minister, any excavation within the subject area.	Appendix I (Rehabilitation Management Plan).
31	If requested so to do by the Minister and within such time as may be stipulated by the Minister the registered holder shall carry out to the satisfaction of the Minister surveys of structures, buildings and pipelines on adjacent landholdings to determine the effect of operations on any such structures, buildings and pipelines.	Pre-mining inspections are outlined in Appendix E (Built Features Management Plan). All assets within the Longwalls 21 to 24 Application Area are WCPL-owned.
33	If so directed by the Minister the registered holder shall rehabilitate to the satisfaction of the Minister and within such time as may be allowed by the Minister any lands within the subject area which may have been disturbed by the operations hereby authorised.	Appendix I (Rehabilitation Management Plan).
36	If so directed by the Minister the lease holder shall rehabilitate to the satisfaction of the Minister and within such time as may be allowed by the Minister any lands within the subject area which may have been disturbed by mining or prospecting operations whether such operations were or were not carried out by the lease holder.	Appendix I (Rehabilitation Management Plan).

**Table A1-4 (Continued)
Mining Lease Requirements**

Condition Number	Condition	Document Reference/Comment
40	The lease holder shall provide and maintain to the satisfaction of the Minister efficient means to prevent contamination, pollution, erosion or siltation of any river, stream, creek, tributary, lake, dam, reservoir, watercourse or catchment area or any undue interference to fish or their environment and shall observe any instruction given or which may be given by the Minister with a view to preventing or minimising the contamination, pollution, erosion or siltation of any river stream, creek, tributary, lake, dam, reservoir, watercourse or catchment area or any undue interference to fish or their environment.	Appendix A (Water Management Plan), Appendix B (Land Management Plan) and Appendix C (Biodiversity Management Plan).
46	Operations shall be carried out in such a manner as to interfere as little as possible with natural flora and fauna and the registered holder shall comply with any direction given or which may be given in this regard by the Minister or the Director-General.	Appendix B (Land Management Plan) and Appendix C (Biodiversity Management Plan).
52	The lease holder shall conduct operations in such a manner as to not cause or aggravate soil erosion and the lease holder shall observe and perform any instructions given or which may be given by the Minister with a view to minimising or preventing soil erosion.	Appendix B (Land Management Plan) and Appendix I (Rehabilitation Management Plan).
59	In the event of operations being conducted on the surface of any road, track or firetrail traversing the subject area or in the event of such operations causing damage to or interference with any such road, track or firetrail the lease holder, at his own expense, shall if directed to do so by the Minister provide to the satisfaction of the Minister an alternate road, track or firetrail in a position as required by the Minister and shall allow free and uninterrupted access along such alternate road, track or firetrail and, if required to do so by the Minister, the lease holder shall upon completion of operations rehabilitate the surface of the original road, track or firetrail to a condition satisfactory to the Minister.	Appendix B (Land Management Plan) and Appendix D (Built Features Management Plan) All roads and tracks within the Longwalls 21 to 24 Application Area are WCPL-owned.
68	(a) The marks in connection with any trigonometrical station erected on or near the subject area shall not be interfered with and the unrestricted right of access to such station by authorised persons and also the right to clear sight lines to surrounding stations is reserved at all times.	There are state survey control marks located within the Longwalls 21 to 24 Application Area. Any movements to survey control marks would be managed in accordance with this condition.
73	(a) The registered holder shall as far as is practicable so conduct operations as not to interfere with or impair the stability of any:- (i) telephone line; (ii) power transmission line; (iii) pipeline traversing the subject area.	Appendix E (Built Features Management Plan). All assets within the Longwalls 21 to 24 Application Area are WCPL-owned.

**Table A1-4 (Continued)
Mining Lease Requirements**

Condition Number	Condition	Document Reference/Comment
Schedule A	(b) The lease holder must not undertake any underground mining operations that may cause subsidence except in accordance with an approved Extraction Plan.	This application.
	(c) The lease holder must ensure that the approved Extraction Plan provides for the effective management of risks associated with any subsidence resulting from mining operations carried out under this lease.	Technical Report 4 and Appendices A to F.
	(d) The lease holder must notify the Secretary within 48 hours of any: <ul style="list-style-type: none"> (i) incident caused by subsidence which has a potential to expose any person to health and safety risks; (ii) significant deviation from the predicted nature, magnitude, distribution, timing and duration of subsidence effects, and of the potential impacts and consequences of those deviations on built features and the health and safety of any person; or (iii) significant failure or malfunction of a monitoring device or risk control measure set out in the approved Extraction Plan addressing: <ul style="list-style-type: none"> A. built features; B. public safety; or C. subsidence monitoring. 	Section 4.2.