

WAMBO COAL PTY LIMITED



SOUTH BATES EXTENSION UNDERGROUND MINE

EXTRACTION PLAN LONGWALLS 24 TO 26

APPENDIX F PUBLIC SAFETY MANAGEMENT PLAN

Peabody

WAMBO COAL PTY LIMITED
SOUTH BATES EXTENSION UNDERGROUND MINE

PUBLIC SAFETY MANAGEMENT PLAN
LONGWALLS 24 - 26



PREPARED BY
WAMBO COAL PTY LIMITED AND
RESOURCE STRATEGIES PTY LTD

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DOCUMENT CONTROL

Document No.	WA-MIN-MP-633 (PSMP LW24-26)
Title	Public Safety Management Plan for South Bates Extension Underground Mine Longwalls 24 to 26
General Description	A management plan to ensure public safety in the mining area of Longwalls 24 to 26 at the South Bates Extension Underground Mine
Key Support Documents	Wambo Coal Health Safety Management System

Revisions

Rev No	Date	Description	By	Checked
A	June 2023	Final for Submission	WCPL and Resource Strategies	P. Jaeger

The nominated Coordinator for this document is	Technical Services Superintendent
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1 INTRODUCTION

The Wambo Coal Mine is an open cut and underground coal mining operation located approximately 15 kilometres (km) west of Singleton, near the village of Warkworth, New South Wales (NSW) (**Figure 1**). The Wambo Coal Mine is owned and operated by Wambo Coal Pty Limited (WCPL), a subsidiary of Peabody Energy Australia Pty Limited.

The potential environmental impacts of the existing Wambo Coal Mine were assessed in the *Wambo Development Project Environmental Impact Statement* (WCPL, 2003). Development Consent DA 305-7-2003 for the Wambo Coal Mine was granted on 4 February 2004 by the then NSW Minister for Urban Affairs and Planning under Part 4 of the NSW *Environmental Planning and Assessment Act, 1979*.

The South Bates Extension Underground Mine is a component of the approved Wambo Coal Mine. An application to modify the Development Consent (DA 305-7-2003 MOD 19) to allow for the optimisation and continued operations of the South Bates Extension Underground Mine through the reorientation of Longwalls 24 and 25, and the addition of Longwall 26 (WCPL, 2022) was approved on 25 January 2023. The application was accompanied by the *Longwall 24 to 26 Modification (Modification 19) Modification Report* (WCPL, 2022).

The South Bates Extension Underground Mine commenced in Longwall 17 in December 2018 and involves extraction of coal by longwall mining methods from the Whybrow Seam within Coal Lease (CL) 397, Mining Lease (ML) 1594, ML 1572, ML 1806 and Mining Lease Application (MLA) 632 (**Figure 1**).

1.1 PURPOSE AND SCOPE

Purpose: This Public Safety Management Plan (PSMP) for Longwalls 24 to 26 at the South Bates Extension Underground Mine outlines the management of potential risks to public safety resulting from the proposed secondary workings described in the Extraction Plan for Longwalls 24 to 26.

Scope: This PSMP covers risks to public safety associated with extraction of Longwalls 24 to 26 at the South Bates Extension Underground Mine (**Figure 1**).

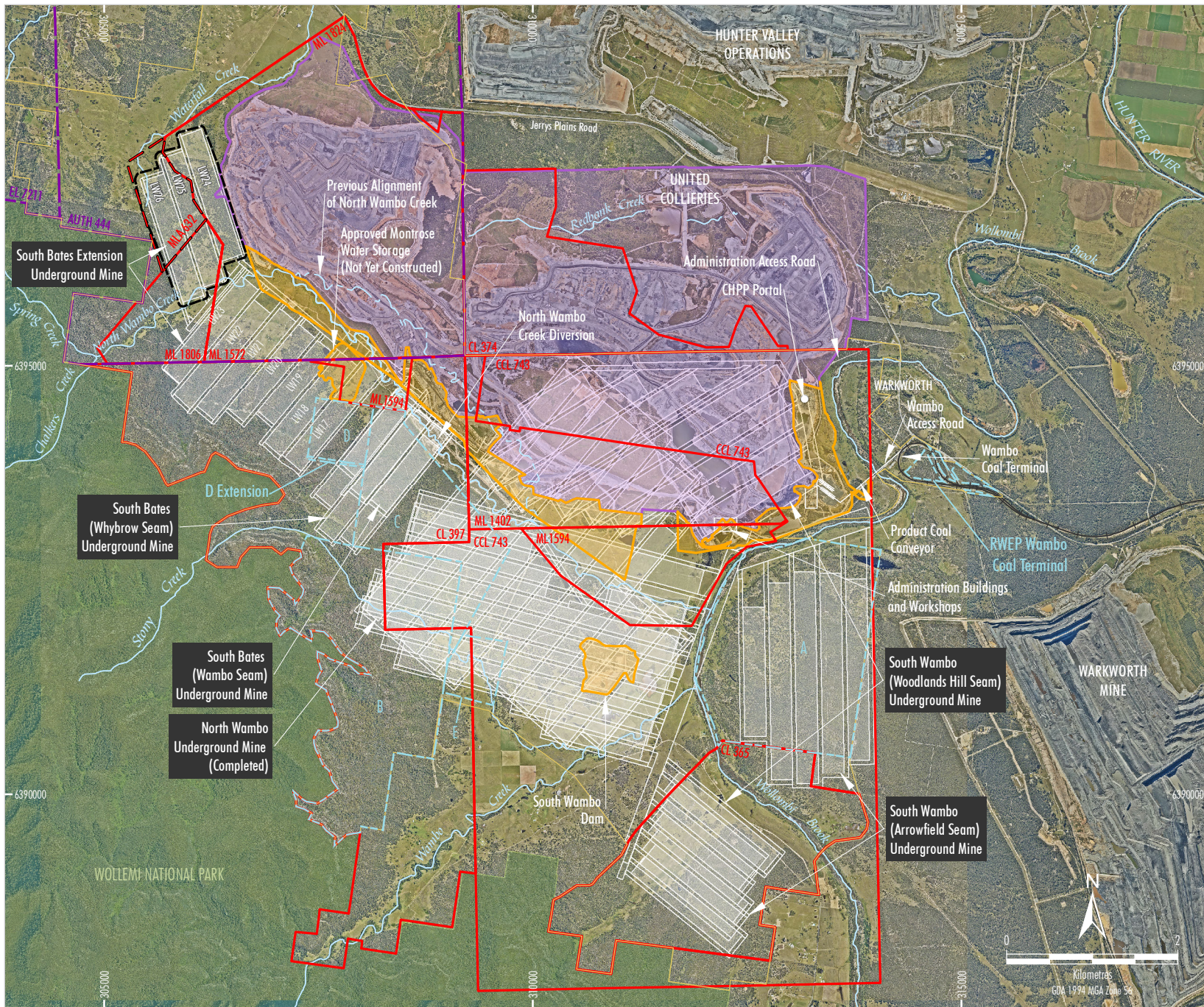
Hazards: The primary hazards associated with the extraction of Longwalls 24 to 26 include:

- surface cracking;
- cliff instability;
- ground deformations; and
- damaged infrastructure (e.g. powerlines, roads and access tracks).

Risks: Members of the general public potentially at risk due to the extraction of Longwalls 24 to 26 are limited to those accessing WCPL-owned land.

This PSMP has been prepared in accordance with Condition B7(e) of Schedule 2 of the Development Consent (DA 305-7-2003) as a component of the South Bates Extension Underground Mine Longwalls 24 to 26 Extraction Plan.

Management plan requirements applicable to the preparation of this PSMP, and where each of these requirements is addressed within this PSMP, are summarised in **Table 1**.



- LEGEND**
- National Park
 - SSD 7142 Operational Area #
 - WCPL Owned Land
 - Wambo Coal Mine
 - Exploration Licence Boundary (AUTH, EL)
 - Mining and Coal Lease Boundary (ML, CL, CCL)
 - Mining Lease Application Boundary (MLA)
 - Remnant Woodland Enhancement Program (RWEPP) Area
 - Existing/Approved Wambo Coal Mine Surface Development Area
 - Existing/Approved Underground Development
 - Extraction Plan Application Area

Under Phase 2 of mining at Wambo Coal Mine (commenced 1 December 2020), this area is operated by United Collieries Pty Ltd under the United Wambo Joint Venture Project.

Source: WCPL (2023); MSEC (2023); NSW Spatial Services (2023)
 Orthophoto: WCPL (Nov-May 2022)

Peabody
 WAMBO COAL MINE
 Approved Wambo Coal Mine Layout



Figure 1

**Table 1
Public Safety Management Plan Requirements**

Condition	PSMP Section
<p>Condition B7(e) of Schedule 2 of Development Consent (DA 305-7-2003)</p> <p><i>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:</i></p> <p>...</p> <p><i>(e) include the following to the satisfaction of the Resources Regulator (or MEG, as the case may require):</i></p> <p>...</p> <p><i>(iv) a Public Safety Management Plan to ensure public safety in the mining area; and</i></p> <p>...</p>	<p>Management of potential risks to public safety are addressed in Section 1.3 and 5.</p>

In addition to the requirements summarised in **Table 1**, the *Extraction Plan Guideline* (Department of Planning and Environment [DPE], 2022) requires:

The public safety management plan must address health and safety risks to the public due to:

- *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.*

This plan should address management measures such as:

- *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 potholes and sinkholes;*
- *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.*

The relevant management measures addressing these requirements are described in **Section 5**. As described above, this PSMP covers the extraction of Longwalls 24 to 26 at the South Bates Extension Underground Mine.

This PSMP has been prepared by WCPL, with assistance from Resource Strategies. The appointment of the team of suitably qualified and experienced experts (which includes representatives from WCPL and Resource Strategies) has been endorsed by the Secretary of the DPE.

1.2 KEY PERSONNEL

Contact details for key personnel in relation to this PSMP are summarised in **Table 2**.

Table 2
Public Safety Management Plan Key Personnel Contact Details

Organisation	Position	Contact Name	Phone Number	
WCPL	Manager, Health Safety and Training	Victoria Hellyer	(02) 6570 2309	
	Manager, Environment and Community	Peter Jaeger	(02) 6570 2206	
	Technical Services Superintendent	Tim Chisholm	(02) 6570 2300	
	General Manager	Kenneth Rigsby		
	Mining Engineering Manager (Underground Mine Manager)	Peter Jandzio		
		Control Room (24 hours)		(02) 6570 2240
		Community Hotline		(02) 6570 2245
Subsidence Advisory NSW	Emergency Service (24 hours)		1800 248 083	
	Newcastle District Office		(02) 4908 4300	

1.3 STRUCTURE OF THE PUBLIC SAFETY MANAGEMENT PLAN

This PSMP forms part of WCPL's Environmental Management System for the Wambo Coal Mine. The relationship of this PSMP to the Wambo Coal Mine Environmental Management System is shown on **Figure 2**.

Longwalls 24 to 26 are located wholly within WCPL owned land. No privately held land or public roads are located within the Longwalls 24 to 26 Application Area. Therefore, the risks to public safety associated with the extraction of Longwalls 24 to 26 are limited.

A Trigger Action Response Plan (TARP) for this PSMP is provided in **Attachment 1**, which is a simple and transparent snapshot of the monitoring of subsidence impacts and corresponding public safety hazards, and where required the implementation of management and/or contingency measures.

WCPL's approach to health and safety on-site is outlined in the Health Safety Management System (HSMS) and is summarised in the HSMS Overview. To avoid duplication of existing Management Plans, this PSMP references components of the existing HSMS as summarised in the HSMS Overview.

The sections of the HSMS Overview relevant to the PSMP are summarised in **Table 3**. The HSMS Overview is included as **Attachment 2**. If the HSMS is revised separately, **Attachment 2** of this PSMP will be updated with the most recent HSMS Overview.

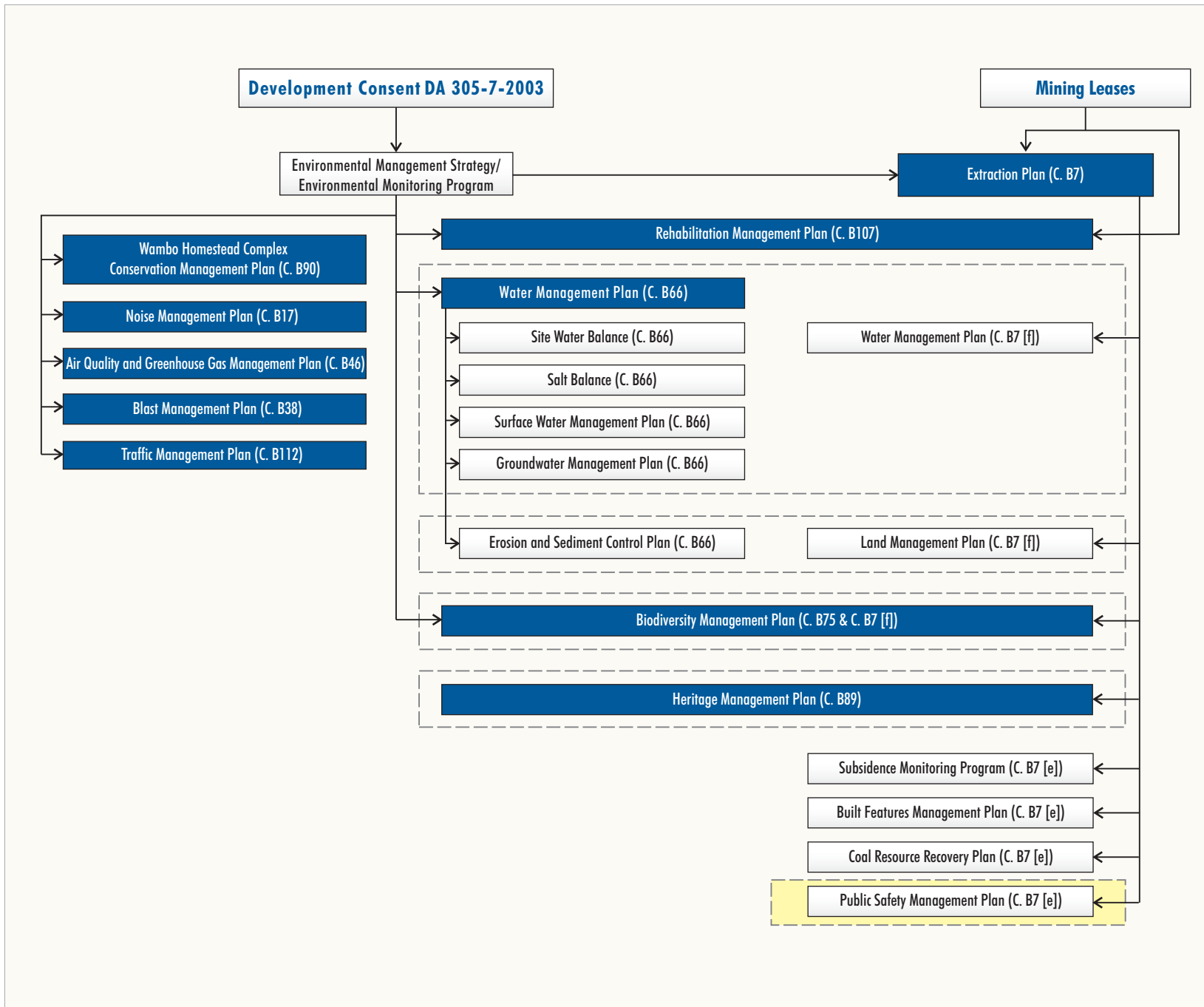


Figure 2

Table 3
Health and Safety Management System Overview – Reference Summary

PSMP Component	HSMS Overview Reference	Section Description
Management Measures	Section 3.2 – Elements of the Safety Management System ¹	Section 3.2 of the HSMS Overview outlines the elements of the safety management system including a process for the development and implementation of policy, standards, management plans (e.g. the Principal Mining Hazard Management Plans and Principal Control Plans) and procedures, including adherence to legislation, standards, guidelines and codes of practices and implementation of a risk management process.
	Section 3.3 – Occupational Health and Safety Policy Statement ¹	Section 3.3 of the HSMS Overview provides WCPL's commitment in regard to providing a safe, healthy workplace.
	Section 3.16 – Incident and Notifiable Incident Response and Investigation ¹	Section 3.16 of the HSMS Overview provides a summary of the system to report and investigate Health, Safety and Environmental incidents in an endeavour to provide a safe place of work.

¹ Not a specific requirement of this PSMP under Condition B7(e) of Schedule 2 of the Development Consent (DA 305-7-2003).

2 PERFORMANCE MEASURES

This PSMP has been developed to manage the potential risks to public safety of the proposed secondary workings described in the Extraction Plan for Longwalls 24 to 26.

In accordance with Condition B4 of Schedule 2 of the Development Consent (DA 305-7-2003), WCPL must ensure that underground mining operations comply with the performance measures listed in Table 2 of Schedule 2 of the Development Consent (DA 305-7-2003). The performance measure specified in Table 2 of Schedule 2 of the Development Consent (DA 305-7-2003) relevant to public safety is listed in **Table 4**.

Table 4
Public Safety Performance Measure

Feature	Subsidence Impact Performance Measure
Public Safety	Negligible additional risk.

Source: Table 2 of Schedule 2 of the Development Consent (DA 305-7-2003).

Section 6 provides a summary of the analysis of monitoring data that will be undertaken to assess the impact of Longwalls 24 to 26 against the performance measure.

3 PREDICTED SUBSIDENCE IMPACTS

Longwalls 24 to 26 are located wholly within WCPL owned land. No privately held land or public roads are located within the Longwalls 24 to 26 Application Area.

WCPL owned lands that are not subject to mining operations or reserved as part of the Remnant Woodland Enhancement Program (RWEPP) are occasionally utilised for the agistment of stock.

Given the above, it is considered that potential public safety issues resulting from the extraction of Longwalls 24 to 26 are limited to:

- agistees accessing the Longwalls 24 to 26 Application Area to manage stock;
- unauthorised access to the Longwalls 24 to 26 Application Area (e.g. looking for firewood, hunting or horse riding); and
- members of the Rural Fire Service accessing Longwalls 24 to 26 Application Area.

A subsidence risk assessment was undertaken as part of the Extraction Plan process for Longwalls 24 to 26. The subsidence risk assessment did not identify any public safety issues in addition to those listed above (Risk Mentor, 2023). Potential subsidence impacts are predicted to include surface cracking, changes in stream bed gradients, erosion, cliff instability and ponding (Mine Subsidence Engineering Consultants [MSEC], 2023). Surface cracking, erosion and cliff instability may be considered to pose a safety hazard.

The maximum subsidence, tilts and strains predicted for Longwalls 24 to 26 are summarised in **Table 5** and the location of predicted subsidence is presented in **Figure 3**.

Table 5
Maximum Predicted Subsidence, Tilt and Strains for Longwalls 24 to 26

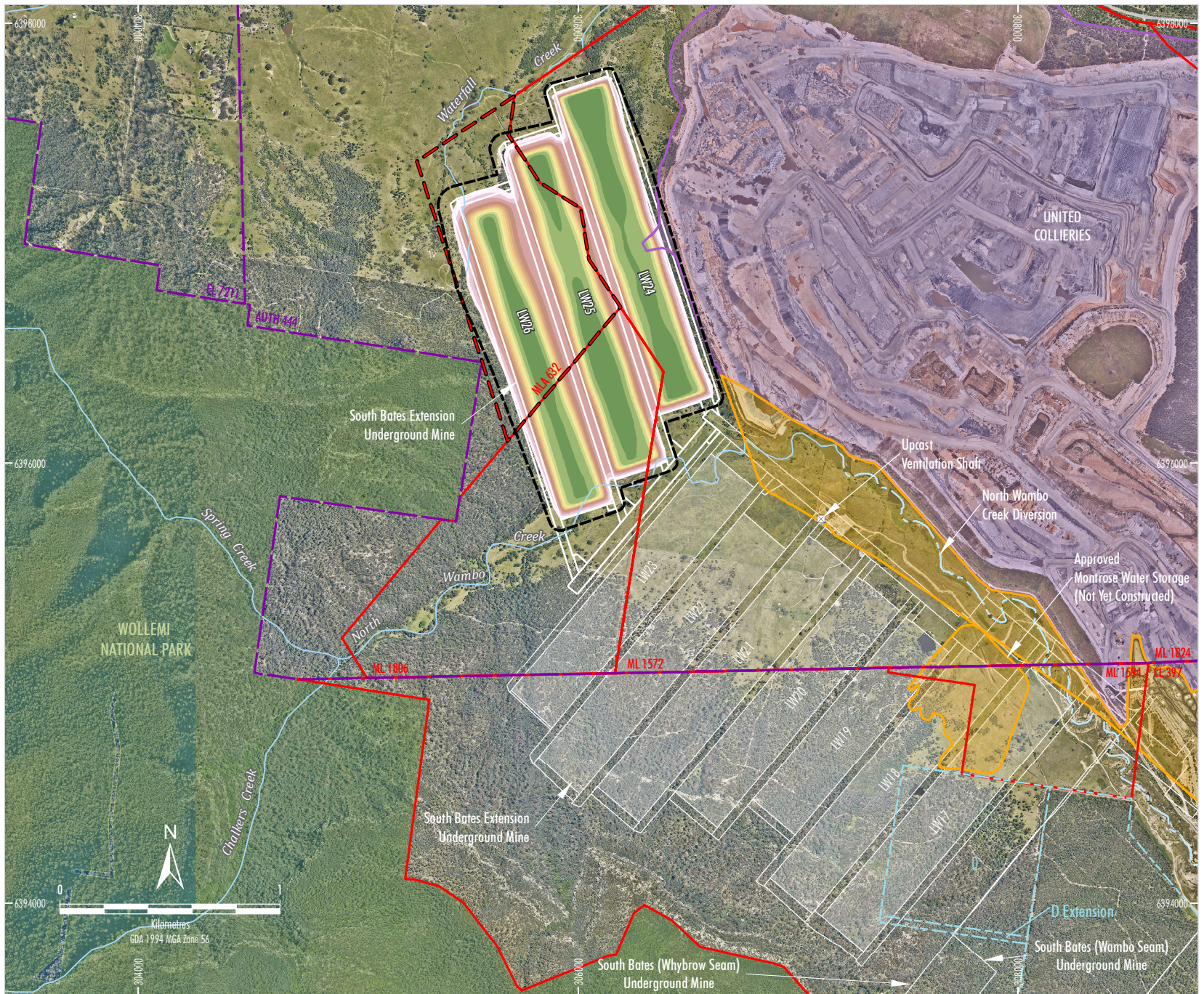
Subsidence Parameter	Maximum Values Predicted Anywhere Above the Longwalls
Maximum Subsidence (mm)	1,950
Maximum Tilt (mm/m)	75
Maximum Hogging Curvature (km ⁻¹)	> 3.0
Maximum Sagging Curvature (km ⁻¹)	> 3.0

Source: MSEC (2023).

mm = millimetre.

mm/m = millimetres per metre.

km⁻¹ = per kilometre.



LEGEND

- National Park
- SSD 7142 Operational Area #
- Wambo Coal Mine
- Exploration Licence Boundary (AUTH, EL)
- Mining and Coal Lease Boundary (ML, CL, CCL)
- Mining Lease Application Boundary (MLA)
- Remnant Woodland Enhancement Program (RWEF) Area
- Existing/Approved Wambo Coal Mine Surface Development Area
- Ventilation Shaft
- Existing/Approved Underground Development
- Extraction Plan Application Area
- Subsidence Contour Colour Scale (mm)**
- 20
- 50
- 100
- 200
- 400
- 600
- 800
- 1000
- 1200
- 1400
- 1600
- 1800

Under Phase 2 of mining at Wambo Coal Mine (commenced 1 December 2020), this area is operated by United Collieries Pty Ltd under the United Wambo Joint Venture Project.

Source: WCPL (2023); MSEC (2023); NSW Spatial Services (2023)
 Orthophoto: WCPL (Nov 2022)

Peabody
 W A M B O C O A L M I N E
 Predicted Subsidence from the
 South Bates Extension Underground Mine

Figure 3

4 MONITORING

A monitoring program will be implemented to monitor the subsidence impacts of Longwalls 24 to 26 in consideration of risks to public safety. Key components of the monitoring program are summarised in **Table 6**.

Table 6
Public Safety Management Plan Monitoring Program Overview

Monitoring Component	Parameter	Timing/Frequency	Responsibility
Pre-Mining			
Visual inspection of the integrity of fences.	Initial condition of fences.	Prior to secondary extraction of each longwall.	Manager, Environment and Community
Visual assessment of existing warning signs.	Condition of existing warning signs (e.g. legibility).	Prior to secondary extraction of each longwall.	Manager, Environment and Community
During Mining			
Subsidence monitoring lines as described in the Subsidence Monitoring Program.	Monitoring parameters include: <ul style="list-style-type: none"> • subsidence; • tilt; • tensile strain; • compressive strain; and • absolute horizontal translation. 	Monitoring during secondary extraction of Longwalls 24 to 26 in accordance with the Subsidence Monitoring Program.	Mine Surveyor
Visual inspection of integrity of cliffs and steep slopes.	Potentially unstable structures and/or rock masses.	Monitoring during secondary extraction in accordance with the Land Management Plan.	Manager, Environment and Community
Visual inspection of the integrity of fences.	Condition of fences.	Prior to secondary extraction within 100 m of any active WCPL fences (i.e. fences being used to hold stock or entry and exit gates to prevent public access) and undertaken at 50 m intervals until the active mining face is 100 m past the WCPL fence.	Manager, Environment and Community
Visual assessment of the effectiveness of warning signs.	Condition of warning signs (e.g. legibility).	Monthly inspections during secondary extraction.	Manager, Environment and Community
Post-Mining			
Visual inspection of the integrity of fences.	Condition of fences following extraction of Longwalls 24 to 26.	Following completion of secondary extraction of Longwalls 24 to 26.	Manager, Environment and Community

In addition to the monitoring summarised in **Table 6**, monitoring of surface cracking, cliff instability, erosion and ponding resulting from the extraction of Longwalls 24 to 26 is described in the Land Management Plan for South Bates Extension Underground Mine Longwalls 24 to 26.

Details of any subsidence impacts observed in relation to public safety will be recorded in the Subsidence Impact Register and relevant assessment forms as provided in Attachment 2 of the Subsidence Monitoring Program for South Bates Extension Underground Mine Longwalls 24 to 26. The Subsidence Impact Register will be maintained as an electronic spreadsheet on-site, with hard copies of assessment forms filed in a folder. The Subsidence Impact Register is discussed further in the Subsidence Monitoring Program for South Bates Extension Underground Mine Longwalls 24 to 26.

5 MANAGEMENT MEASURES

A number of potential management measures are available to mitigate/remediate potential risks to public safety resulting from the extraction of Longwalls 24 to 26. The key management measures are summarised in **Table 7**.

Table 7
Public Safety Management Plan Key Management Measures

Management Measure	Timing/Frequency	Responsibility
Pre-Mining		
Restricted access (i.e. the general public are not allowed on WCPL-owned land used for mining purposes). Permanent signage located at the entrance to WCPL-owned land will be maintained.	Ongoing.	Relevant Area Manager as per the WCPL HSMS
All personnel and visitors accessing the Wambo site are subject to the requirements of: <ul style="list-style-type: none"> • WA-TRG-MP-302 Wambo Training and Competency Management System; and • WA-SAH-PRO-315.7 Site Introduction of Personnel Procedure. 	Ongoing.	Relevant Area Manager as per the WCPL HSMS
Posting of warning signs at suitable locations on property boundaries, fences and access tracks. The signs will indicate that underground mining (with surface subsidence) is being undertaken on WCPL-owned land and will prohibit entry by unauthorised persons.	Prior to secondary extraction of each longwall.	Manager, Environment and Community
Notification to agistees of areas of longwall mining and active subsidence, and exclusion of agistment grazing from areas where surface cracking presents a reasonable risk to people and/or livestock.	Prior to secondary extraction of each longwall.	Manager, Environment and Community
During Mining		
All personnel and visitors accessing the Wambo site are subject to the requirements of: <ul style="list-style-type: none"> • WA-TRG-MP-302 Wambo Training and Competency Management System; and • WA-SAH-PRO-315.7 Site Introduction of Personnel Procedure. 	Ongoing.	Relevant Area Manager as per the WCPL HSMS
Management of surface cracking and areas of subsidence troughs in accordance with the Land Management Plan for Longwalls 24 to 26.		
Management of potential cliff or slope instability in accordance with the Land Management Plan for Longwalls 24 to 26.		
Maintenance of warning signs.	Ongoing.	Manager, Environment and Community
All safety incidents will be handled in accordance with the HSMS (refer to Table 3).	Ongoing.	All staff
Post-Mining		
Repair of fences in accordance with the Land Management Plan for Longwalls 24 to 26.		
Review of warning sign placement and removal if no longer required.	Following completion of secondary extraction.	Manager, Environment and Community

6 ASSESSMENT OF PERFORMANCE INDICATORS AND MEASURES

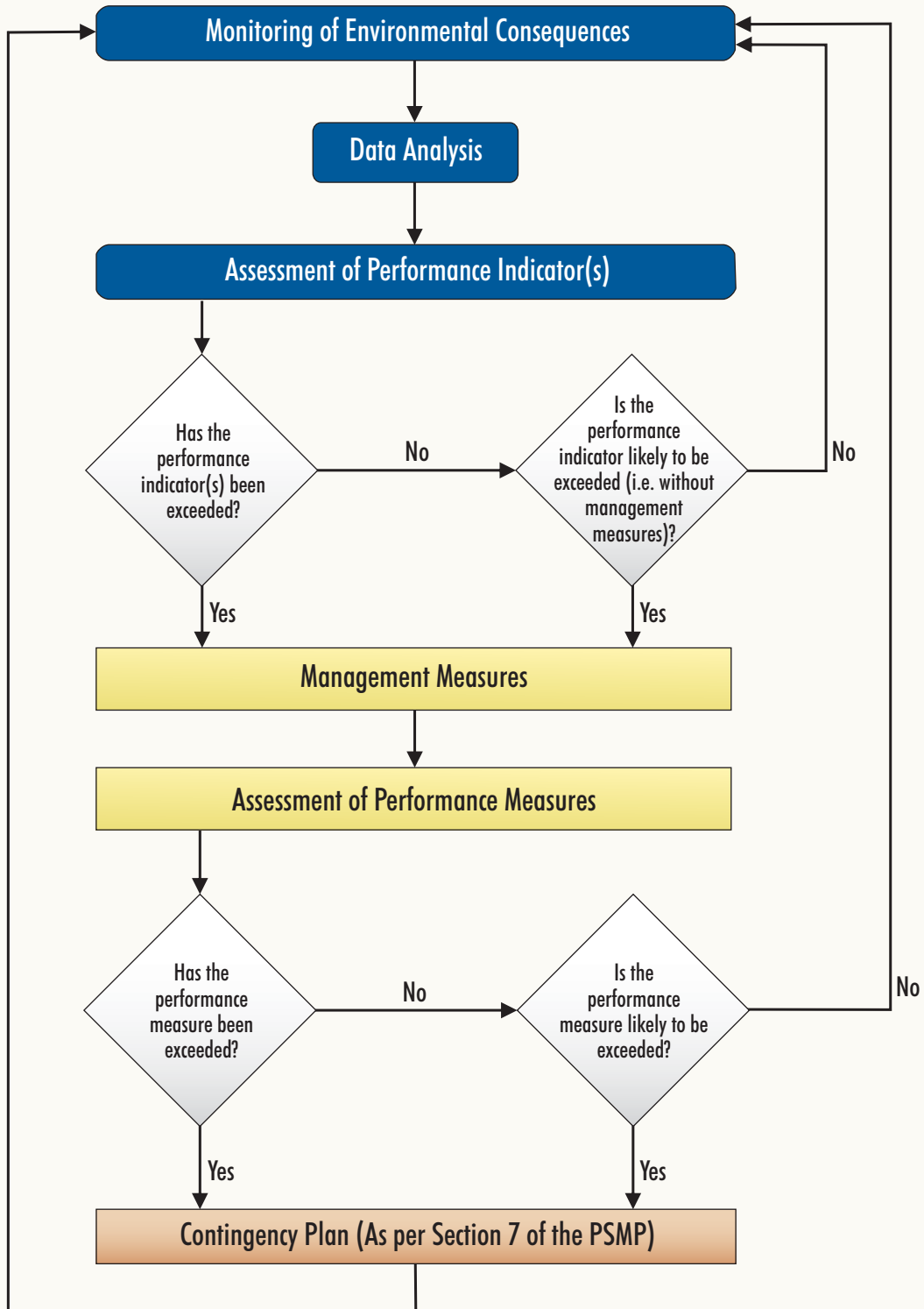
In accordance with Condition B7(d) of Schedule 2 of the Development Consent (DA 305-7-2003), performance indicators have been developed for the performance measure listed in **Table 4**.

The performance indicator for the public safety performance measure will be considered to have been exceeded if **a hazard to the general public arising from subsidence effects, not previously identified and mitigated accordingly, becomes evident**.

Monitoring conducted to inform the assessment of the secondary extraction of Longwalls 24 to 26 against the performance indicator for the performance measure relevant to public safety is outlined in **Section 4** of this PSMP. The monitoring process and subsequent assessment of performance indicators and measures is outlined in **Figure 4**.

If data analysis indicates the performance indicator has been exceeded or is likely to be exceeded, an assessment will be made against the performance measure (i.e. additional risk to public safety). If the performance measure is considered to have been exceeded, the Contingency Plan will be implemented (**Section 7**). If data analysis indicates that the performance measure has not been exceeded, WCPL will continue to monitor.

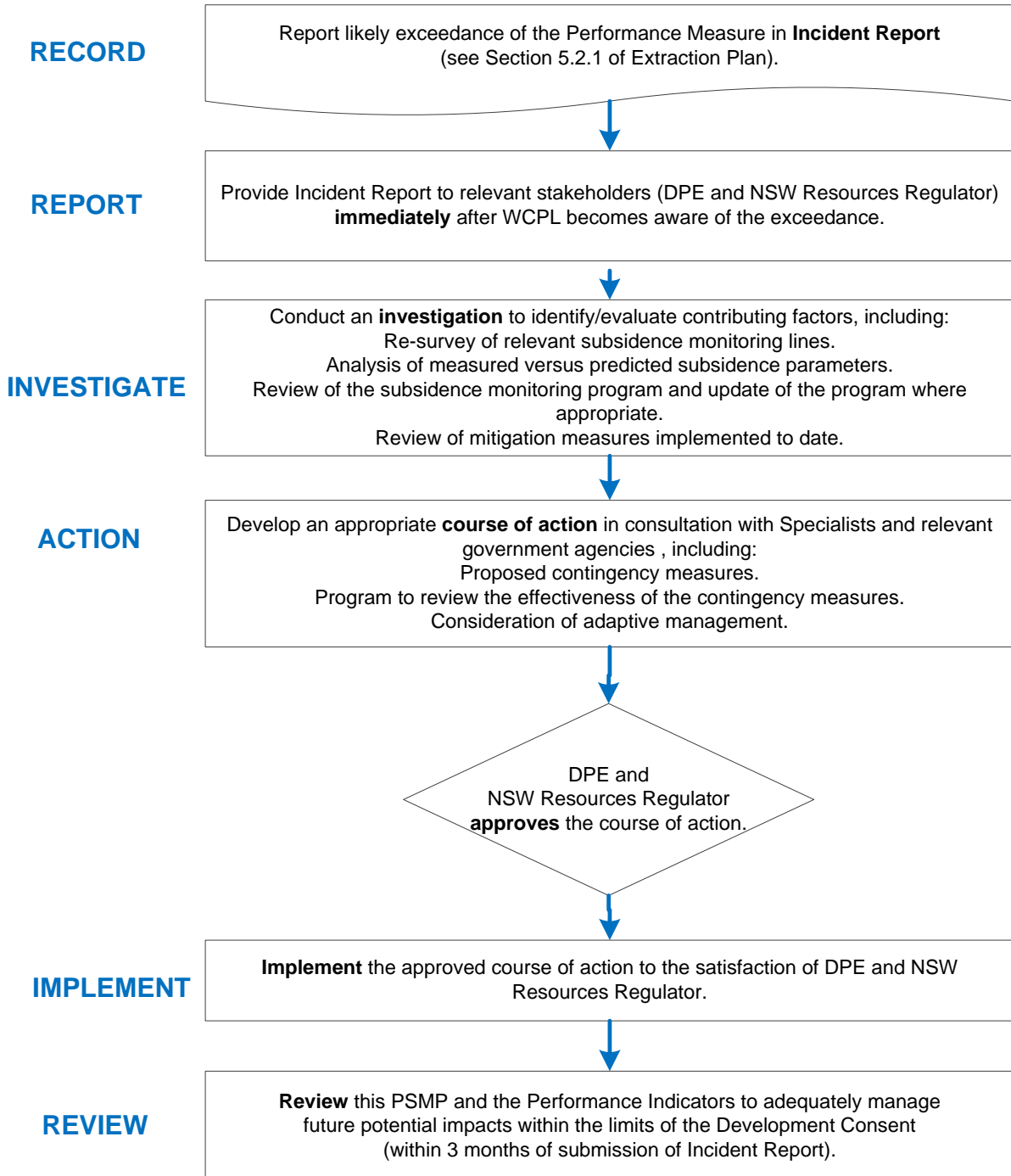
CONTINGENCY MANAGEMENT



WAM-09-15_SBX_Med LV124-26_EP_PSMP_002A

7 CONTINGENCY PLAN

In the event the public safety performance measure is considered to have been exceeded or is likely to be exceeded, in accordance with the schematic presented in **Figure 4**, WCPL will implement the following Contingency Plan:



The framework for the various components of the PSMP are summarised in the PSMP TARP which is included as **Attachment 1**. The PSMP TARP illustrates how the various predicted subsidence impacts, monitoring components and responsibilities are structured to achieve compliance with the relevant statutory requirements, and the framework for management and contingency actions.

8 ROLES AND RESPONSIBILITIES

Key responsibilities of WCPL personnel in relation to this PSMP are summarised in **Table 8**. Responsibilities may be delegated as required.

Table 8
Public Safety Management Plan Responsibilities Summary

Responsibility	Task
All	<ul style="list-style-type: none"> Ensure the safety of WCPL employees and the public in relation to WCPL operations.
General Manager	<ul style="list-style-type: none"> Ensure resources are available to WCPL personnel to facilitate the completion of responsibilities under this PSMP.
Mining Engineering Manager (Underground Mine Manager)	<ul style="list-style-type: none"> Ensure this PSMP is implemented. Take actions to rectify any public safety issues identified. Notify the Regulator as per the NSW <i>Work Health and Safety (Mines and Petroleum Sites) Regulation, 2014</i>.
Technical Services Superintendent	<ul style="list-style-type: none"> Ensure the Subsidence Monitoring Program is implemented. Ensure monitoring and reporting required in accordance with this PSMP is carried out within specified timeframes, are adequately checked and processed and are prepared to the required standard. Notify the Underground Manager of Mining Engineering of any safety incidents reported during safety inspections. Prepare training documentation in association with the Health Safety Training Manager and Manager, Environment and Community. Undertake relevant monitoring and implementation of management measures summarised in Tables 6 and 7 respectively. Complete subsidence impact register as described in the Extraction Plan for Longwalls 24 to 26 and notify the Manager, Environment and Community of public safety breaches (i.e. an exceedance of the public safety performance measure).
Manager, Environment and Community	<ul style="list-style-type: none"> Liaise with relevant stakeholders regarding subsidence impact management and related public safety hazards (e.g. notify the NSW Resources Regulator [Principal Subsidence Engineer] and DPE of any significant public safety incidents). Notify agistees of areas of longwall mining and active subsidence, and ensure agistment is excluded from areas where surface cracking presents a reasonable risk to people and/or livestock. Warning signs and fencing inspections Prepare training documentation in association with the Technical Services Superintendent and Manager, Health Safety Training.
Manager, Health Safety and Training	<ul style="list-style-type: none"> Maintain records of training documentation on WCPL's site training system. Prepare training documentation in association with the Technical Services Superintendent and Manager, Environment and Community.
Mine Surveyor (Subsidence Inspector)	<ul style="list-style-type: none"> Undertake all subsidence monitoring to the required standard within the specified timeframes and ensure data are adequately checked, processed and recorded. Undertake relevant monitoring summarised in Table 6. Take actions to rectify any public safety issues identified. Complete subsidence impact register as described in the Extraction Plan for Longwalls 24 to 26 and notify the Technical Services Superintendent and Manager, Environment and Community of public safety breaches (i.e. an exceedance of the public safety performance measure).

9 TRAINING

All personnel who conduct inspections and have responsibilities in accordance with this PSMP will be trained in the requirements of this PSMP and other management plans associated with the Extraction Plan.

10 REFERENCES

Department of Planning and Environment (2022) *Extraction Plan Guideline*.

Mine Subsidence Engineering Consultants (2023) *South Bates Extension Underground Mine Longwall 24 to 26 Extraction Plan Subsidence Assessment – Subsidence Predictions and Impact Assessments for the Natural and Built Features in Support of the Extraction Plan Application for the South Bates Extension Underground Mine Longwalls 24-26 in the Whybrow Seam*. Report prepared for Wambo Coal Pty Limited.

Risk Mentor (2023) *Wambo U/G South Bates Extension– Longwalls 24-26 Risk Assessment Report*. Report prepared for Wambo Coal Pty Limited.

Wambo Coal Pty Limited (2003) *Wambo Development Project Environmental Impact Statement*.

Wambo Coal Pty Limited (2022) *Modification Report - Longwalls 24 to 26 Modification*.

ATTACHMENT 1
PUBLIC SAFETY MANAGEMENT PLAN
TRIGGER ACTION RESPONSE PLAN

**Table A1-1
Public Safety Management Plan Trigger Action Response Plan**

Condition	Normal	Level 1	Level 2
	Predicted Impacts	Implement Management Measures	Restoration/Contingency Phase
Trigger	<ul style="list-style-type: none"> Predicted subsidence impacts and associated risks to public safety, described in Section 3. 	<ul style="list-style-type: none"> Management measures implemented (with regard to the specific circumstances of the subsidence impact [e.g. the location, nature and extent of the impact] and the assessment of subsidence impacts in accordance with Section 6). 	<ul style="list-style-type: none"> If the public safety performance measure has been exceeded, or is likely to be exceeded.
Action	<ul style="list-style-type: none"> Conduct monitoring, consistent with Table 6 and the Subsidence Monitoring Program (Appendix H of the Extraction Plan). Assess the subsidence impacts in accordance with Section 6. Assess the need for management measures in accordance with Table 7. 	<ul style="list-style-type: none"> Implement management measures, as required, in accordance with Table 7. 	<ul style="list-style-type: none"> Implement Contingency Plan described in Section 7.
Frequency	<ul style="list-style-type: none"> Frequency consistent with Table 7. 	<ul style="list-style-type: none"> As required, in accordance with Section 6. 	<ul style="list-style-type: none"> As required, in accordance with Section 7.
Position of Decision-Making	<ul style="list-style-type: none"> Manager, Environment and Community. Technical Services Superintendent. 	<ul style="list-style-type: none"> Mining Engineering Manager (Underground Mine Manager). 	<ul style="list-style-type: none"> General Manager.

ATTACHMENT 2

WAMBO COAL PTY LIMITED
HEALTH AND SAFETY MANAGEMENT SYSTEM OVERVIEW

**WAMBO COAL
HEALTH SAFETY MANAGEMENT SYSTEM OVERVIEW**

WA-SAH-GUI-0000
June 2022

Document Owner		Document Approver
Manager Health Safety Training		Manager Health Safety Training
Version	Approval Date	Approver Name
4	June 2022	Dan Wieland
General Description of Changes from Previous Version		
<p>Updated to remove reference to open cut operations (United Wambo Joint Venture as Operator), confirmation of correct references to legislation, site principal hazard management plans, principal control plans, and procedures.</p>		

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1.0 Purpose

Provide an overview of the Wambo Coal (Wambo) Health Safety Management System (HSMS) for managing the health and wellbeing of all personnel that access the site. It is the primary means of ensuring safe operation of a mine, by bringing together a number of procedures and policies that enable Wambo Complex to follow a systematic approach to achieving and monitoring an effective level of health and safety.

2.0 Scope

This document will refer to Wambo.

- Meaning the whole site including:
 - UG: Components specific to the Underground
 - CHPP: Components specific to the Coal Handling and Preparation Plant
 - ROCH: Remainder of Colliery Holdings
- Tie all the elements together into an integrated system to effectively manage the risks to the health and safety of all workers
- Provide an overall site system under which all work processes operate within
- Has a structured alignment to AS4804 Occupational Health and Safety Management Systems
- Is developed to demonstrate legislative compliance to relevant standards, guidelines and codes of practice

This HSMS shall ensure that the content within includes the following as a minimum:

- Health and Safety Policy
- Arrangements for managing risk
- Systems, procedures and plans to control risk – including principal hazard management plans and principal control plans
- Management structure and organisational chart
- Coordination of PCBU's
- Contractor and contractor health and safety management process and/or plans
- Emergency plans and procedures
- Withdrawal conditions
- Information, training, and instruction
- Induction
- Supervision
- Health monitoring
- Consultation and safety role for workers
- Incident and notifiable incident response and investigation
- Review of control measures
- Records management
- Communication
- Other monitoring
- Measuring and managing performance of the SMS

3.0 Requirements

3.1 Health Safety Management System Ownership

The Wambo HSMS is owned by everyone in the Peabody organisation.

The system is maintained at senior management levels that are in a position to facilitate significant system change.

HSMS change is consulted and communicated through the following process:

Reference:

- WA-SAH-PRO-0210 Communication and Consultation Procedure
- PA-SAH-PRO-0008 HSE Risk and Change Management

3.2 Elements of the Safety Management System



3.3 Health and Safety Policy

Wambo is committed to providing a safe, healthy workplace pursuant to Peabody's safety vision.

- Reference: CP300.00 Peabody Health, Safety, Environment & Communities Policy

3.3.1 Peabody's Safety Vision

We commit to safety and health as a way of life. In addition, we take responsibility for minimising impacts on the environment, providing benefits to our communities and restoring the land for future generations.

Our vision is to operate safe, healthy and environmentally responsible workplaces that are incident free. Safety and health as well as environmental sustainability are core Peabody values and are integrated into all areas of our business. Our goal is to eliminate all workplace incidents, including injuries and occupational illnesses, and mitigate environmental impacts.

The following governing principles apply to our employees, contractors, visitors and vendors a tour sites, or any location where Peabody work activities take place and includes all phases of the mining life cycle:

- Management has the overall accountability for safety, health and environmental management, the promotion of risk management, and the sharing of knowledge across the organisation
- Everyone is responsible for their own safety and health, preparation for and fitness for work, as well as looking out for their co-workers and protecting the environment
- Everyone will be provided training and equipment to perform their jobs in a safe, healthy and environmentally responsible manner
- Everyone has the authority to stop and challenge activities that could result in injury or unauthorized environmental impacts
- Everyone must comply with established safety, health and environmental requirements (including lifesaving / cardinal rules), laws and regulations
- Open, honest and effective incident investigation, followed by corrective actions that address the issues identified is essential
- Risks and opportunities are identified and monitored to continuously improve safety, health, environmental stewardship, emissions reduction, and resource management
- Safety, health and environmental objectives will be developed, and applicable performance indicators appropriately reported
- Areas disturbed by mining will be progressively rehabilitated/reclaimed, monitored and maintained to help ensure desired post-mine land use, landform and environmental outcomes are achieved
- Successes will be celebrated, and desirable behaviours recognized and reinforced.

3.4 Arrangements for managing risk

Wambo ranks their risk under 3 categories:

- Business risk management that in general terms integrates both an organisational and operational perspective.
- Organisational risk management that has a focus on aligning strategy, processes, technology and knowledge with an objective of evaluating and managing the uncertainties faced by site in terms of health and safety. This includes BBRA and Change management risk assessments.
- Operational risk management that is for day to day issues faced by the organisation and individuals in terms of health and safety, that includes such tools as design,

equipment, chemical and work process risk assessments, hazard & operability analysis (HAZOP), job safety analysis (JSA), safe work method statements (SWMS), Safe Work Procedures (SWP) down to levels of awareness such as Stop Look Assess and Manage (SLAM).

3.4.1 Types of risk assessment

Risk assessment types are categorised as either formal or informal. The trigger for progression from one level of risk assessment to another is based on whether the persons participating in the risk assessment are satisfied that all hazards have been controlled to As Low as Reasonably Practical (ALARP).

- Level 1 Stop, Look, Assess and Manage (Individual Pocket Risk Assessment Tool)
- Level 2 JSA (Job safety analysis tool)
- Level 3 Formal Risk Assessment (FRA)

Reference:

- PA-SAH-PRO-008 HSE Risk and change Management

3.5 Systems, procedures and plans to control risks

As part of the Wambo HSMS system Peabody are committed to safety and health as a way of life. As part of the Safety and Sustainability Management System Standard, Wambo have committed their agreement and adherence to the following requirements within the standard:

- All locations will implement appropriate process, procedures and tools for that location that comply with local requirements and the requirements of this Management System
- All locations will be externally audited against this standard periodically
- Audit results will be reported to the Executive Leadership Team
- All locations will implement a continuous improvement and corrective action process to improve the effectiveness of their approach and to rectify identified shortcomings
- Elements 1 through 19 of this document outline the umbrella Management System requirements that each location must comply with.

Organization and leadership	Safety, Health, Environment, Cultural Heritage and Security risk management	Assurance activities
<ul style="list-style-type: none"> Leading by example Setting and maintaining high standards Having courageous conversations Bringing the best out of people 	<ul style="list-style-type: none"> Understanding what can go wrong and recognizing how harmful it could be Ensuring we take actions to help prevent people from getting hurt and causing no environmental harm 	<ul style="list-style-type: none"> Saying what we do and doing what we said we would do Validating processes are working as designed
1 Leadership Development	8 Risk Management & HSE Standards (Fatality Prevention)	17 Management Review
2 Responsibility and Accountability	9 Change Management	18 Audit and Assurance
3 Management System Coordination	10 Training and Competence	19 Documentation Control and Information Management
4 Collaboration and Communication	11 Emergency and Crisis Management	
5 Reinforcement and Recognition	12 Work Procedures and Permits	
6 Resources and Planning	13 Behavior Optimization	
7 Culture Enhancement	14 Engineering and Construction	
	15 Contractor Management and Purchasing	
	16 Incident Reporting and Investigation	

Table 1: Management standard elements

Reference: PE-HSE-STD-MSS Safety & Sustainability Management System Standard

The types of documents that Wambo utilise are as follows:

- Policy
- Corporate document
- Principal Hazard Management Plans
- Principal Control Plans
- Management Plans
- Procedure
- Standard
- Forms

Reference:

- WA-SAH-STD-1609 Document Control Standard

3.5.1 Policy

Wambo will define all Health & Safety policies that demonstrate a clear direction for the organisation to follow and facilitate commitment to its HSMS. This includes but not limited to the following;

- Corporate Policy
- Operation Site Policy
- Legislative compliance

3.5.2 Documents

All documents that are used under the Wambo HSMS are to comply with the Peabody Corporate standard PC-CIP-STD-CI01 Standard for Controlled Documentation. Wambo will incorporate the following subordinate documents into the HSMS:

- Guides
- Registers
- Permits
- Forms
- Templates
- Manuals
- JSA's

3.5.3 Principal Hazard Management Plans

Principal hazard management plans (PHMP) will be developed through a risk management process by either:

- Formal Risk Assessment
- Bow tie

These principal hazards will be identified either through legislative requirements or via the site's broad brush risk assessment.

PHMP's will be compliant to the New South Wales Work Health & Safety Act and Regulations as well as the New South Wales Work Health & Safety (Mines & Petroleum) Act and Regulations.

3.5.4 Principal Control Plans

Principal control plans (PCP) will be developed through a risk management process utilising the formal risk assessment methodology.

These PCP's will be developed either through legislative requirements or the site's broad brush risk assessment.

PCP's will be compliant to the New South Wales Work Health & Safety Act and Regulations as well as the New South Wales Work Health & Safety (Mines & Petroleum) Act and Regulations.

3.5.5 Procedures

All procedures will be identified by risk assessment and developed under the relevant principal hazard management plans, principal control plans or management plans.

3.5.6 Standards

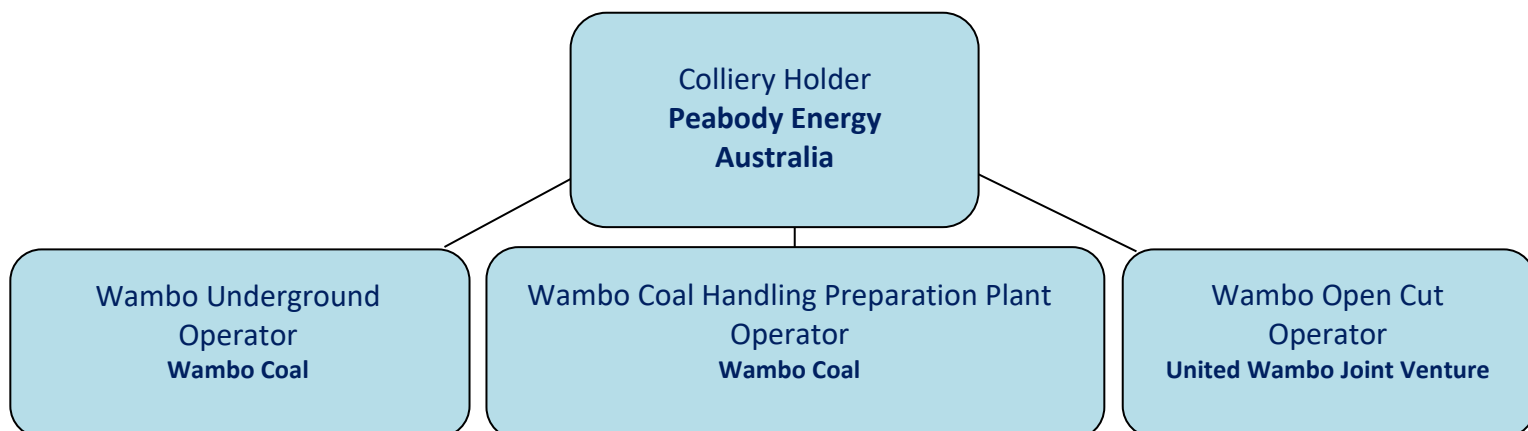
Wambo will adhere to relevant elements of standards, guidelines and codes of practices as they relate to the Wambo operations and activities. Wambo will review and consider;

- Corporate Standards and Guidelines
- Operational Site Standards and Guidelines
- Australian Standards
- Mine Design Guidelines
- Workcover NSW and Safe Work Australia Codes of Practices

Standards will be developed as identified by the following processes;

- Broad Brush Risk Assessment
- Formal Risk Assessment
- Bow Tie analysis
- Incident and Hazard Investigation
- Legislative Changes

3.6 Company Operational Structure



3.7 Consultation & Communication

Wambo consults and communicates with employees & contractors as per WA-SAH-PRO-0210 Communication and Consultation Procedure. This plan has been developed to cover the process of:

Consultation –

- Sharing of relevant information in regard to health and safety
- Providing opportunity for employees to express views and ideas in relation to health, safety and welfare issues at their workplace
- Acknowledging the value of the workplace input

The consultation utilises basic principles of:

- Consult before decisions are made not after
- Utilise appropriately skilled personnel to facilitate consultation processes
- Communicate honestly with integrity and without excessive emotion
- We will foster an open and transparent process to establish trust and respect between employer and employee
- We will promote opportunities for one-on-one communication, when required
- We will focus on improving systems for managing safety

Communication –

Wambo will ensure effective communication is achieved by addressing the following:

- Identifying the target audience
- Identify what the target audience has to complete
- Identify the resources required to implement any actions
- Attempt to predict likely reactions to take pre-emptive action
- Decide on appropriate medium for the communication
- Communicate
- Monitor the effects of the communication

The tools that are utilised at Wambo to communicate are:

- Safety Contact/Safety Shares
- Pre-Start Information (PSI)
- General Manager State of the Nation Talks
- Safety Scrums
- Toolbox talks
- Bulletins and Safety Alerts
- Notice Boards
- Newsletters
- Signage
- Electronic/hard copy mailing
- One-on-one discussions
- TV screen display

Reference:

- WA-SAH-PRO-0210 Communication and Consultation Procedure

3.8 Contractor Management

Wambo manages contractors via our contractor management plan. The purpose of the plan is:

- Outline the health and safety requirements for contractors
- Identify the consistencies or gaps between the Wambo Health Safety Management System (HSMS) and a contractors Safety Management Plan (SMP)
- Agree on the HSMS that contractors are to utilise whilst working at Wambo.

Reference:

- WA-SAH-HMP-0307 Contractor Management Procedure

3.9 Emergency Procedures and Plans

Wambo has a site Emergency Preparedness and Response Management Plan (EPRMP) that is the source of emergency resources and processes to utilise during an emergency event. The objective of this document is to integrate the preparedness and response into a consistent approach across site.

The EPRMP document covers the following locations at Wambo:

- CHPP
- Underground
- Remainder of Colliery Holdings including exploration

Reference:

- WA-SAH-PCP-0209 Emergency Control Plan
- PA-WA-SAH-PRO-209.1 Building Evacuation Procedures
- PA-WA-SAH-PRO-209.2 Emergency Response Procedures
- WA-SAH-PRO-209 1 Building Evacuation Procedure
- WA-SAH-MAN-0209.4 Emergency Incident Management
- WA-SAH-PRO-209.6 Pre-Incident Planning – Fire Fighting

3.10 Withdrawal Conditions

The purpose of these conditions are to define circumstances at Wambo; whether this be in the underground, CHPP or rest of colliery holdings; where persons at the mine or a part of the mine are to be withdrawn to a place of safety, and to remain withdrawn as a precautionary measure where a risk to health and safety warrants that withdrawal.

These conditions will comply with the requirements of the Work Health and Safety (Mines and Petroleum Sites) Regulation 2014, Clause 14 (1) (h), and have been developed to align with the measures outlined in MDG 1020.

Reference:

- WA-MIN-PRO-616 Withdrawal Conditions
- WA-CPP-FRM-912.1 Withdrawal Re-entry Checklist

3.11 Information, training and instruction

Wambo provides information, training and instructions over various processes. This could be through processes such as Onsite Track Easy login communications and training process, through the sites and/or visitors induction to name a few.

Wambo communicates suitable and adequate information, training and instruction to workers in regards to the nature of the work, the risks associated with the work and the control measures implemented via the following:

- Pre shift communications.
- Onsite Track Easy login process.
- Sites area inductions.
- Sites visitor inductions where applicable.
- Sites training and competency management plan process and training needs analysis developed for specific role requirements across the site.

Reference:

- Y:\THS (Training Health Safety)\Training\Training Needs Analysis
- WA-SAH-MNP-0302 Training and Competency Management System
- WA-SAH-PRO-0210 Communication and Consultation Procedure

3.12 Induction

Wambo has separate inductions specific to their areas. These areas are:

- Visitor
- Surface
- Underground Mine Worker
- CHPP Worker

Within each of these inductions it allows the participant to understand the duration of the induction they are completing ie: expiry of. It also informs them of how their induction material is stored and managed via the Onsite Track Easy system and where an update occurs how it may affect them. Whether this update may require a refresher update, retraining or removal of that competence.

Reference:

- WA-SAH-MNP-0302 Training and Competency Management System

3.13 Supervision

All persons providing supervision to Peabody employees and contractors at Wambo are appointed. Some of these supervisors' roles require statutory appointments, such as Deputy and Undermanager. Their prerequisites are noted in the Wambo sites training and competency management system referenced below.

Each of the documents referenced below dictates the levels of supervision required for the specific areas due to the complexity of some tasks. For example, the document WA-HRS-GUI-0301 Supervision Arrangements dictates how all supervisors must be trained for the task they are to undertake, the requirements of a person whom is to complete works whilst working alone and the process they are to follow prior to starting any tasks.

Reference:

- WA-SAH-MNP-0302 Training and Competency Management System
- Y:\THS (Training Health Safety)\Training\Training Needs Analysis
- WA-HRS-GUI-0301 Supervision Arrangements

3.14 Health Monitoring

All persons at Wambo are required to complete a compliant Order 43 medical prior to attending site for any works. The only persons exempt from this requirement are visitors that attend the site for tasks other than work. Such as meetings in administration areas, inpit tours etc.

Once these medicals come up for expiry which is no later than every three (3) years, whether a contractor or Peabody Energy Employee each person is required to complete a periodic medical. These medicals consist of the following, but not limited to:

- Detailed work history of the coal mine worker
- Detailed medical history, including a review of any medication usage
- Spirometry and a review of the respiratory system
- Hearing assessment, including audiometry
- Vision assessment, including visual fields and colour vision
- Blood pressure assessment
- Urinalysis, cholesterol check (non-fasting), blood sugar level, Body Mass Index (BMI), Waist Hip ratio
- The Kessler Psychological Distress Scale (K10)
- The Epworth Sleepiness Scale (ESS)
- Alcohol Audit
- Cardiovascular Risk Assessment
- Hazard exposure questionnaire identifying all potential environmental hazards
- Work related skin disease questionnaire
- Musculoskeletal questionnaire
- Respiratory fit-testing (excluding Exit Medical Assessment)
- Review of any previous chest x-rays
- Conclusions and recommendations including:

- any advice that test results indicate that the coal mine worker may have contracted a disease, injury or illness as a result of carrying out the work;
- any recommendation that the person conducting the business or undertaking take remedial measures,
 - o including whether the coal mine worker can continue to carry out the work; and whether medical counselling is required for the coal mine worker in relation to the work

Wambo also complete various other forms of monitoring from regulated Order 42 testing, health programs, injury management and return to work programs, airborne dust monitoring, noise monitoring, whole body vibration testing, diesel exhaust fumes and particulates, welding fume testing and health surveillance and records.

Reference:

- WA-CPP-STD-903 Wambo Coal Inspection Programme
- WA-MIN-MP-614 Mine Inspection Program Management Plan
- WA-MIN-PCP-0602 Ventilation Control Plan
- WA-SAH-PCP-0207 Health Principal Control Plan
- WA-MIN-PCP-0601 Gas Monitoring Control Plan
- WA-HRS-GUI-0301 Supervision Arrangements
- WA-ENV-MP-504 Air Quality Monitoring Program
- WA-ENG-PCP-1700 Mechanical Engineering Control Plan
- WA-SAH-HMP-0329 Air Quality Dust or Other Airborne Contaminant Principal Hazard Management Plan.

3.15 Work Health and Safety Consultation

Wambo consults with the workforce via 2 separate work health and safety committees. The areas that are covered across Wambo are:

- CHPP
- Underground

Each of the committees has a procedure that has been written in line with the Work Health and Safety Act and Regulations as well as the Work Health and Safety (Mines and Petroleum) Act and Regulations.

These meetings have set agendas they work from. The agendas investigate outstanding actions relevant to the health and safety of those onsite, any new health and safety actions that weren't able to be completed on shift or have been delayed, document reviews and any new risks or Peabody significant incidents that have occurred post their last meeting. Meeting dates and schedules will also be agreed at these meetings.

This element should also be read in conjunction with section 3.7 Consultation & Communication of this document.

Reference:

- WA-SH-PRO-316 WHS Committee Procedure

- WA-SAH-PRO-316.1 Wambo Coal WHSC Constitution

3.16 Incident and Notifiable incident response and investigation

Wambo have an incident hazard and investigation and reporting management plan that provides a detailed system to report and investigate Health, Safety and Environmental incidents in an endeavour to provide a safe place of work.

This document has been written based off sites risk assessments and in line with legislated risk identification and notification requirements. The areas covered are as follows, but not limited to:

- Section 14, 15 & 16 of the Work Health and Safety Act as well as Clauses 128, 178 and 179 of the Work Health and Safety Regulations (Mines and Petroleum).

Wambo also utilise SAP for incident evidence history as each reported incident onsite is recorded into this system. Each incident, where applicable, will have actions for follow up recorded in SAP.

Reference:

- WA-SAH-MNP-0308 Incident Hazard Investigation and Reporting Management

3.17 Review of Control Measures

Wambo has an audit monitoring and measurement plan which specifies the process for reviewing control measures. This includes critical control audits, internal and external audits and recording keeping.

Reference:

- WA-S&H-MP-403 Audit Monitoring and Measurement Plan

3.18 Records Management

Wambo abides by the Peabody Energy records retention policy. This document dictates retention processes for all Peabody sites. This includes emails, paper records, backup storage, applications and databases. The policy dictates the required storage periods and types.

Wambo also adhere to legislative requirements as part of ISO 15489.1:2002 Records Management Part 1 & ISO 15489.2:2002 Records Management Part 2.

Reference:

- CP 200.25 - Records Retention
- Peabody Energy Corporation – Records Retention Schedule Australia 08/11/2019

3.19 Measuring and managing performance of the SMS

Peabody conducts annual audits of each site to ensure compliance to the Health, Safety, Sustainability and Environment standard. The HSSE Standard has been developed as Peabody's Health and Safety Management System. Wambo is required to achieve 100% compliance to this standard each year.

Wambo conduct internal audits which include, but are not limited to;

- Critical Control Audits
- Training and Competency Audits
- Dam Safety Audits
- Ventilation Audits

Reference:

- WA-S&H-MP-403 Audit Monitoring and Measurement Plan
- PE-HSE-STD-MSS Safety and Sustainability The Peabody Way MS

3.20 Resources

This document has been written with the assistance of the NSW code of practice – Safety Management systems in mines.

As follows are other applicable resources that should be utilised in conjunction with this health and safety management system.

3.20.1 Management Overview Plans

This section covers overviews of any systems in place under the Health Safety Management System (HSMS) including the following;

- WA-SAH-GUI-000 Health Safety Management System Overview
- WA-SAH-GUI-003 Major Hazard Overview

3.20.2 Policy

Wambo will define a Health & Safety policy that demonstrates a clear direction for the organisation to follow and facilitates commitment to its HSMS. This section contains overarching site policies:

- CP300.00 Peabody Health, Safety and Environment Policy 2020
- WA-SAH-POL-102 Smoking on Site Policy
- PA-SAH-PLY-0003 Mobile Phone & Other Hand Held Wireless Devices Policy
- PA-WA-SAH-POL-104 Injury Management and Return to Work Policy
- WA-SAH-POL-105 Risk Management Policy
- WA-SAH-POL-108 Fitness for Work Policy

3.20.3 Planning

This section of the HSMS is addressed within other components and specifically outlines the following:

- WA-SAH-POL-108 Fitness for Work Policy
- WA-SAH-MNP-0204 Drug and Alcohol Management Plan
- WA-SAH-MNP-0205 Fatigue Management Plan
- WA-SAH-PCP-0207 Health Principal Control Plan
- WA-SAH-PCP-0209 Wambo Emergency Plan
- WA-SAH-PRO-0210 Communication and Consultation Process
- WA-SAH-MP-219 Security Management Plan
- WA-SAH-MP-0220 Inclement Weather Management Plan

3.21 Wambo Safety Management Documentation

This section of the HSMS references management plans and procedures that are relevant to Wambo as a whole, documents included are as follows:

- WA-SAH-MNP-0302 Training and Competency Management System
- PA-SAH-PRO-0008 - HSE Risk and Change Management
- PA-SAH-PRO-0011 - Procedure for Isolation and Control of Harmful Energy
- WA-SAH-HMP-0307 Contractor Management Procedure
- WA-SAH-MNP-0308 Incident Hazard Investigation and Reporting Management
- WA-SAH-MAN-0209.4 Emergency Incident Management Manual
- Emergency response WA-MIN-MP-627
- WA-SAH-MP-313 Hazardous Chemicals Management Plan
- WA-SAH-HMP-0319 Roads or Other Vehicle Operating Surface Areas Principal Hazard Management Plan
- WA-SAH-MNP-320 Asbestos Management Plan
- WA-SAH-MNP-0322 Laser Management Plan
- WA-SAH-HMP-0329 Air Quality Dust or Other Airborne Contaminant Principal Hazard Management Plan
- WA-MIN-HMP-0609 Spontaneous Combustion Principal Hazard Management Plan
- WA-MIN-HMP-0607 Underground Fire or Explosion Principal Hazard Management Plan
- WA-SAH-HMP-0919 CHPP Fire and Explosion Principal Hazard Management Plan
- WA-MIN-HMP-0333 Surface Inundation and Inrush Principal Hazard Management Plan

3.21.1 Environment

The environment section outlines all requirements to ensure environment conditions are maintained for the short and long term of the mine.

- WA-ENV-MNP-502 Pollution Incident Response Management Plan
- WA-ENV-MP-504 Air Quality Monitoring Program
- WA-ENV-MP-506 Flora and Fauna Management

- WA-ENV-MP-508 Noise Management Plan
- WA-ENV-PRO-0508.1 Real-Time Noise Response Procedure
- WA-ENV-MP-509.1 Groundwater Monitoring Program
- WA-ENV-MP-509.2 Surface Water Monitoring Program
- WA-ENV-MP-509.4 Surface and Ground Water Response Plan
- EN03 Coal Waste and Water Containment

3.21.2 Underground Major Operational Hazards

This section of the HSMS covers the major operational hazards for the underground operations:

- WA-MIN-PCP-0601 Gas Monitoring Control Plan
- WA-MIN-PCP-0602 Ventilation Control Plan
- WA-SAH-HMP-0603 Roads or Other Vehicle Operating Areas Underground Principal Hazard Control Plan
- WA-MIN-PRO-1201.17 Blast Design Procedure
- WA-MIN-HMP-0605 Ground or Strata Failure Principal Hazard Management Plan
- WA-MIN-HMP-0606 Underground Inundation or Inrush Principal Hazard Management Plan
- WA-MIN-HMP-0607 Underground Fire or Explosion Principal Hazard Management Plan
- WA-MIN-MNP-0608 Airborne Dust Management Plan
- WA-MIN-HMP-0609 Spontaneous Combustion Principal Hazard Management Plan
- WA-MIN-PHMP-610 Dust Explosion Management Plan
- WA-MIN-HMP-1214 Surface Ground or Strata Principal Hazard Management Plan
- WA-MIN-MP-614 Mine Inspection Program Management Plan
- WA-HRS-GUI-0301 Supervision Arrangements
- WA-MIN-PRO-616 Withdrawal Conditions
- WA-MIN-MNP-0617 Auxiliary Fan Management Plan
- PA-WA-MIN-MP-618 Windblast Management Plan
- WA-MIN-PRO-619 Survey and Plan Arrangements
- WA-MIN-PCP-0620 Underground Explosives Control Plan
- WA-MIN-MP-621 Self Escape Management
- WA-MIN-HMP-0622 Gas Outbursts Principal Hazard Management Plan
- PA-WA-MIN-MP-623 Subsidence Management Plan
- WA-MIN-MP-625 Longwall Sealed Goaf Management
- WA-MIN-MP-628 Public Safety Management Plan

3.21.3 CHPP Management Plans

This area addresses the major operational hazards for the CHPP:

- WA-CPP-MNP-0920 CHPP Stockpile and Reclaim Management Plan
- WA-CPP-PRO-0920.1 Wambo Stockpile Dozer Operations Procedure
- WA-CPP-SWP-906 1 Breakdown of Machinery in around the Stockpile
- WA-CPP-SWP-906.2 Recovery of Trapped Operator

- WA-CPP-SWP-906.3 Removal of Machinery in and around the Stockpile
- WA-CPP-SWP-906.4 Refuelling Stockpile Dozer
- WA-CPP-MHMP-907 Airborne Dust Management Plan
- WA-CPP-GUI-912 Withdrawal Conditions

3.21.5 Wambo Standards

This is additional to any Australian, corporate or legislative standard:

- WA-SAH-STD-1604 PPE Standard
- WA-SAH-STD-1605 Prohibited Articles
- WA-SAH-STD-1608 Working at Height Standard
- WA-SAH-STD-1614 Light Vehicle and Forklift Standard
- WA-SAH-STD-1629 Pre-Employment Standard
- WA-SAH-STD-1630 Confined Space Standard
- WA-SAH-STD-1631 Road Construction and Maintenance Standard

3.22 HSMS Planning

An annual Health Safety Management Plan will be developed and implemented with appropriate actions that incorporate the site initiatives towards a safe and health Wambo.

4.0 References and Supporting Documents

The Wambo Health Safety Management System is compliant to the following legislation;

- WHS Act 2011
- WHS Regulation 2011
- NSW WHS (Mines and Petroleum) Act 2013
- NSW WHS (Mines and Petroleum) Regulation 2014

The Wambo Health Safety Management System structure is aligned with;

- Australian Standard AS/NZS 4804:2001