



**MILLENNIUM MINE**

**MILLENNIUM EXPANSION PROJECT (MEP)**

**2022 WATONGA OFFSET ANNUAL COMPLIANCE REPORT**

**MetRes PTY LTD**

Project Number: 2009/4821

January 2023

Prepared by: Francis Kuranchie

Environmental Superintendent



## Table of contents

1 Executive Summary.....	3
1.1 Location.....	3
Figure 2. Wotonga Offset location. ....	5
1.2 General description .....	5
2 EPBC approval conditions and compliance status.....	7
3 Monitoring and management activities .....	13
3.1 Previous reporting years activities.....	13
3.2 Current Reporting year activities .....	13
3.3 Upcoming Reporting year activities .....	14
4 Appendices .....	14
4.1 Appendix 1: .....	14
4.2 Appendix 2 .....	14
4.3 Appendix 3 .....	14
4.4 Appendix 4 .....	14

## 1 Executive Summary

### 1.1 Location

Millennium Coal Mine is within the Bowen Basin, Queensland and is located approximately 20 kilometers (km) south-east of the township of Moranbah, and 174km east of Mackay and within the Isaac Regional Council Local Government Area (LGA) in Queensland (22° 00' 56.68" S, 148° 15' 09.28" E). The Site terrain is flat to slightly undulating. The Mine consists of two mining areas with six mining leases (ML): the Mavis Downs area (ML 70457, ML 70483 and ML 70485); and the Millennium area (ML 70313, ML 70401, ML 70344), together form a single operational project, the Millennium Mine (See Figure 1). Millennium Mine operates under Environmental Authority (EA) EPML00819213.

The Wotonga Pastoral Holding is located to the south of the Peabody-owned Burton Coal Mine in the Bowen Basin, 25 kilometres (km) north-west of Millennium Expansion Project (MEP), and approximately 150 km south-west of Mackay (see Figure 2).

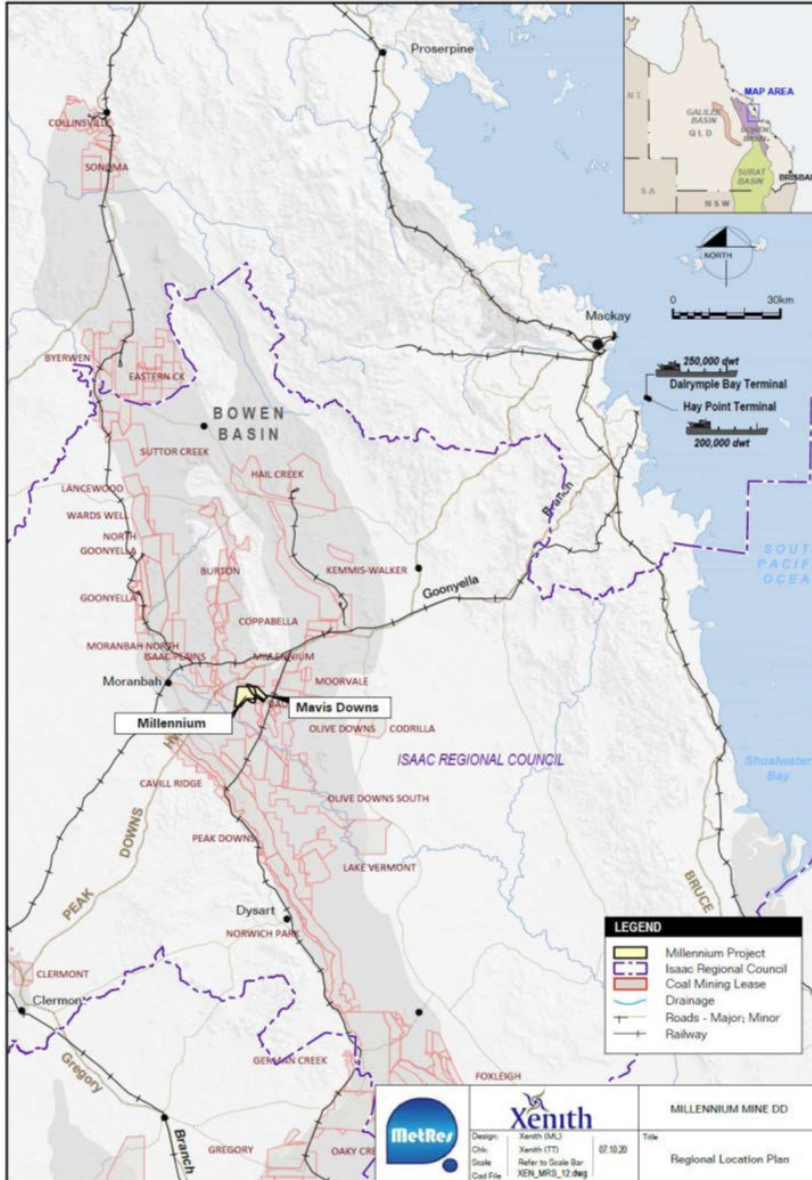


Figure 1. Millennium Coal Mine Location.

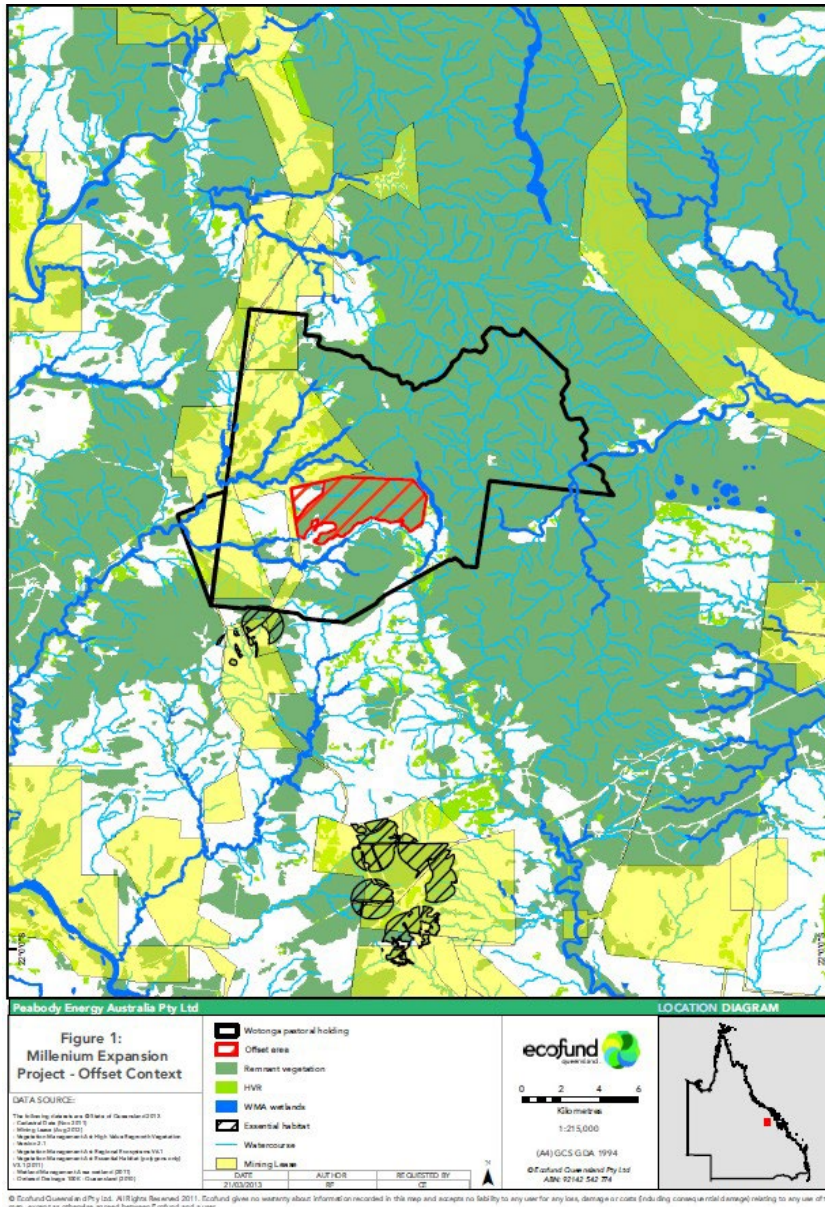


Figure 2. Wotonga Offset location.

### 1.2 General description

In 2008 Millennium Coal Pty Ltd (**Peabody**) referred the Millennium Expansion Project (**MEP**) for approval pursuant to the Environment Protection and Biodiversity Conservation Act 1999 (**EPBC Act**). The MEP resulted in unavoidable impacts to a ‘matter of national environmental significance’ (**MNES**) which was listed under the EPBC Act (Brigalow – Acacia harpophylla dominant and co-

dominant). As a condition of the EPBC Act approval 2009/4821 for the MEP, Peabody was required to secure a minimum of 112.5 ha of Brigalow as an offset. Please see Appendix 1 for approval conditions.

On the 3<sup>rd</sup> of November 2011, Peabody formalised the Wotonga Offset Area Management Plan to provide an offset area on the Peabody corporate-owned property of Wotonga Pastoral Holding (Lot 13 SP178466) (Now owned by Malcom and Sue Burston) for the listed threatened species and communities as part of the requirement for the MEP.

On the 20<sup>th</sup> of June 2014, in response to the Department of Natural Resources and Mines declared area offer, Peabody requested that a voluntary declaration under the Vegetation Management Act 1999 be made in respect of Lot 13 on SP 178466.

Under EPBC 2009/4821 approval Condition 5, Millennium Mine is required to submit an Annual Compliance Report. On the 5<sup>th</sup> of April 2018, MCM committed to providing the reports to the Department annually by the 29<sup>th</sup> of January.

On the 15<sup>th</sup> of December 2020, Peabody sold Lot 13 SP178466 to Malcom Burston. All existing encumbrances and agreements remain in place and were assigned to the new landowner.

On the 16<sup>th</sup> of July 2021, MetRes Pty Ltd (**MetRes**) completed the acquisition of MCM from Peabody. MetRes is a 50/50 joint venture between Stanmore Coal and M Resources. M Mining Pty Ltd (**M Mining**) is the operator appointed by the holder MetRes Pty Ltd to manage all mining operations at MCM.

On the 22<sup>nd</sup> of July 2021, the Department of Agriculture, Water and the Environment provided consent to transfer the approval of Millennium Expansion Project (EPBC 2009/4821) from Peabody to MetRes.

This document sets out compliance with EPBC Approval 2009/4821 in relation to the MEP including by way of the Wotonga Area Offset Management Plan and voluntary declaration.

Table 1 below provides EPBC conditions of approval and the compliance status.

## 2 EPBC approval conditions and compliance status

Table 1: Conditions of Approval and compliance status.

Condition number	Condition description	Condition compliance status	Evidence of compliance
1	<p>To offset the impact to the Brigalow (<i>Acacia harpophylla</i> dominant and co-dominant) ecological community, the person taking the action must register a legally binding conservation mechanism over a minimum of 112.5 hectares of the Brigalow (<i>Acacia harpophylla</i> dominant and co-dominant) ecological community (the offsets area) as identified in the offset management plan referred to in condition 2. The mechanism/s must provide enduring protection for the protection for the offsets area and be registered before 1 July 2014.</p> <p>The conditions of the conservation mechanism must ensure that management actions are undertaken for the protection and enhancement of the Brigalow (<i>Acacia harpophylla</i> dominant and co-dominant) ecological community. The person taking the action must obtain agreement from any third parties responsible for management actions and provide details of the responsible parties, including their position or status as a separate contractor, to the department.</p>	Compliant	<p>On 25 June 2014, in response to DNRM’s declared area offer, Peabody’s related body corporate Peabody (Burton Coal) Pty Ltd requested a voluntary declaration under the Vegetation Management Act 1999 be made in respect of 112.5 hectares located within Lot 13 on SP178466 to offset the impact of the MEP on the Brigalow (<i>Acacia harpophylla</i> dominant and co-dominant) ecological community.</p> <p>The voluntary declaration incorporates the Wotonga Offset Area Management Plan – Millennium Expansion Project dated 28 November 2013 which includes suitable management actions to protect and enhance the Brigalow ecological community.</p> <p>The Wotonga Offset Area Management Plan was developed and implemented. In accordance with management plan visual assessments, photo-monitoring &amp; bio-condition assessments have been conducted.</p> <p>To date limited land management activities have been recommended for the offset area. Landowners and agistees have managed fence, fire break and feral animal management on as needs basis. The only thing that has come up is to fence the rest of the offset area and this is planned for 2023.</p>

<p>2</p>	<p>To offset the impacts to the Brigalow (<i>Acacia harpophylla</i> dominant and co-dominant) ecological community, the person taking the action must submit to the Minister for approval an Offset Management Plan within 12 months of the date of this approval. This offsets management Plan must include, at a minimum, the following information:</p> <ul style="list-style-type: none"> <li>a) The desired outcomes/objectives of implementing the plan;</li> <li>b) details of Brigalow (<i>Acacia harpophylla</i> dominant and co-dominant) endangered ecological community offset areas, including a textual description and map to clearly define the location and boundaries of the offset area. This must be accompanied with the offset attributes and a shapefile;</li> <li>c) details of management actions to protect and enhance the extent and condition of the threatened species habitat values including rehabilitation, weed control, fire management, erosion and sediment control, management of livestock and restrictions on access, within the offset area;</li> <li>d) the timing, responsibilities and performance criteria for such actions;</li> <li>e) a monitoring plan including ecological surveys that must be undertaken to assess the success of the management measures against identified milestones and objectives;</li> <li>f) a process to report, to the department, the</li> </ul>	<p>Compliant</p>	<p>The Wotonga Offset Area Management Plan – Millennium Expansion Project dated 28 November 2013 was lodged and accepted by the Department of Environment on 14 February 2014 and addresses all items (a)-(g). Please refer to Section 3 of the report for further details regarding monitoring conducted within the offset.</p>
----------	---	------------------	--



	<p>management actions undertaken in the offsets areas and the outcome of those actions, including identifying and need for improved management;</p> <p>g) a description of the potential risks to successful management and rehabilitation in the offsets area, and a description of the contingency measures that would be implemented to mitigate these risks; and,</p> <p>h) details of parties responsible for monitoring, reviewing and implementing the plan.</p>		
3	<p>Before impacting or removing any EPBC listed ecological community or species, the person taking that action must provide to the Minister a Threatened Flora and Fauna Species and Ecological Communities Management Plan. The Plan must contain, but is not limited to, the following:</p> <p>a. Management actions relating to EPBC listed species; and</p> <p>b. Mitigation actions relating to EPBC listed species.</p> <p>The Threatened Flora and Fauna Species and Ecological Communities management Plan must be implemented. This plan may be made publicly available on the internet by the department.</p>	Compliant	The Threatened Flora and Fauna Species and Ecological Communities Plan was submitted to the Department of Environment on the 13th of May 2014.

4	<p>Within 14 days from the commencement of construction, the person taking the action must advise the department in writing of the actual date of commencement of construction.</p>	Compliant	<p>The approved Wotonga Offset Strategy – Millennium Expansion Project dated 28 November 2013 addresses offsets required as a consequence of the clearance of a total 22.5 hectares of Brigalow Acacia harpophylla which occurred both prior to and subsequent to the referral of the MEP for approval pursuant to the EPBC Act. The commencement of construction (vegetation clearing in advance of the Mavis Pit boxcut) occurred on or about 29 October 2011.</p>
5	<p>Within three months of every anniversary of the commencement of construction, i.e., by 29 January each year, the person taking the action must publish a report on their website addressing compliance with each of the conditions of this approval, including implementation of any management plans as specified in the conditions.</p> <p>Documentary evidence providing proof of the date of publication and non-compliance with any of the conditions of this approval must be provided to the department at the same time as the compliance report is published.</p>	Compliant	<ul style="list-style-type: none"> <li>• 2014 report completed and uploaded to Millennium website</li> <li>• 2015 report completed and uploaded to Millennium website</li> <li>• 2016 report completed and uploaded to Millennium website</li> <li>• 2017 report completed and uploaded to Millennium website</li> <li>• 2018 report completed and uploaded to Millennium website</li> <li>• 2019 report completed and uploaded to Millennium website</li> <li>• 2020 report completed and uploaded to Millennium website</li> <li>• <a href="https://www.peabodyenergy.com/Operations/Australia-Mining/Queensland-Mining/Millennium-Mine/Mine-Projects">https://www.peabodyenergy.com/Operations/Australia-Mining/Queensland-Mining/Millennium-Mine/Mine-Projects</a></li> <li>• 2021 report completed uploaded to the M Resources website <a href="https://mresources.com.au/company-news/">https://mresources.com.au/company-news/</a> <ul style="list-style-type: none"> <li>• 2022 report completed uploaded to the M Resources website <a href="https://mresources.com.au/company-news/">https://mresources.com.au/company-news/</a></li> </ul> </li> </ul>
6	<p>Upon the direction of the Minister, the person taking the action must ensure that an independent audit of compliance with the conditions of approval is conducted and a report submitted to the Minister. The independent Auditor must be approved by the Minister prior to the commencement of the audit. Audit Criteria must be agreed to by the Minister and the audit report</p>	Compliant	<p>No direction from the Minister has been issued.</p>

	must address the criteria to the satisfaction of the Minister.		
7	If the person taking the action wished to carry out any activity otherwise than in accordance with the Plans referred to in conditions 2 and 3, as specified in the conditions, the person taking the action must submit to the department for the Minister's written approval a revised version of that plan. The varied activity shall not commence until the Minister has approved the revised plan in writing. If the Minister approves the revised plan, that plan must be implemented in place of the plan originally approved.	N/A	No Variation required.
8	If the Minister believes that it is necessary or convenient for the better protection of listed threatened species and communities to do so, the Minister may request that the person taking the action make specified revisions to plans specified in the conditions and submit the revised plan for the Minister's written approval. The person taking the action must comply with any such request. The revised plan must be implemented. Unless the Minister has approved the revised plan then the person taking the action must continue to implement the original plan.	N/A	No request from the Minister.

<p><b>9</b></p>	<p>If, at any time after 5 years from the date of this approval, the person taking the action has not substantially commenced the action, then the person taking the action must not substantially commence the action without the written agreement of the Minister.</p>	<p>N/A</p>	<p>The action has already commenced.</p>
<p><b>10</b></p>	<p>The person taking the action must maintain accurate records substantiating all activities and outcomes associated with or relevant to the above conditions of approval, including measures taken to implement the management plans required by this approval, and make them available upon request to the department. Such records may be subject to audit by the department or an independent auditor in accordance with section 458 of the EPBC Act or used to verify compliance with the conditions of approval. Summaries of audits will be posted on the department's website. The results of audits may also be publicised through the general media.</p>	<p>Compliant</p>	<p>M Mining utilises an action tracking system (INX) the conditions of the approval and actions associated to the management plan are being entered along with any supporting documentation.</p>

## 3 Monitoring and management activities

### 3.1 Previous reporting years activities

- Year 1 BioCondition assessment completed on 4 August 2015
- Year 1 Fauna assessment completed between 9 – 13 December 2015
- Year 2 Visual inspection assessment on 13 April 2016
- Year 2 Visual inspection assessment completed on 23 August 2016
- Year 3 Visual inspection assessment on 2 May 2017
- Year 3 BioCondition assessment completed on 22 August 2017
- Year 4 Visual inspection assessment on 28 June 2018
- Year 4 Visual inspection assessment on 21 September 2018
- Year 5 Visual inspection and Photo-monitoring assessment on 28 June 2019
- Year 5 Visual inspection assessment and BioCondition monitoring did not occur due the COVID pandemic (State border closures prevented the consultant from entering the Wotonga Offset)
- Year 6 Visual inspection assessment and BioCondition monitoring on 10 June 2020
- Year 6 Visual inspection assessment on 14 December 2020
- Year 7 Visual inspection assessment conducted on May 2021
- Year 7 Wet Season and BioCondition monitoring on May 2021
- Year 7 Field Survey and Weed Mapping in May 2021
- Year 7 Visual inspection assessment in October 2021
- Year 7 Dry season monitoring in October 2021

### 3.2 Current Reporting year activities

During 2022 several monitoring and management activities have been conducted on the Wotonga Offset area.

- Year 8 Wet season visual inspection and Photo monitoring conducted on 22<sup>nd</sup> April, 2022 (Appendix 1 attached).
- Year 8 Dry season visual inspection and photo monitoring conducted on 13<sup>th</sup> October, 2022 (Appendix 2 attached).
- Weed Control activity conducted on 19<sup>th</sup> to 22<sup>nd</sup> April, 2022 (Appendix 3 Attached).
- Weed Control Plan finalized (Appendix 4).

### **3.3 Upcoming Reporting year activities**

In 2023 the following activities are planned for the Watonga Offset Management;

- Complete fencing for the whole perimeter of the offset area
- Wet season inspection and photo monitoring
- Dry season inspection and photo monitoring
- BioCondition Assessment
- Weed and Erosion control activities
- Review and update the Watonga Offset area management
- Community engagement with the landowner.

## **4 Appendices**

### **4.1 Appendix 1:**

Year 8 Wet season visual inspection and Photo monitoring conducted

### **4.2 Appendix 2**

Year 8 Dry season visual inspection and photo monitoring

### **4.3 Appendix 3**

Weed Control activity report.

### **4.4 Appendix 4**

Weed Control Plan.