Compliance report

Drake Coal Mine, Collinsville, Queensland
EPBC 2010/5457
8 November 2018 to 7 November 2019

06 February 2020
# Compliance report

**Drake Coal Mine EPBC 2010/5457**

## Document version control

<table>
<thead>
<tr>
<th>Field</th>
<th>Details</th>
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<tr>
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<td>Report to the Commonwealth Department of the Environment and Energy</td>
</tr>
<tr>
<td>Reporting period</td>
<td>8 November 2018 to 7 November 2019</td>
</tr>
<tr>
<td>Author(s)</td>
<td>Environment – Drake Mine Management Pty Ltd</td>
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<tr>
<td>Address</td>
<td>Level 15, 40 Creek Street, Brisbane Qld 4000</td>
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<td>PO Box 10630, Brisbane Qld 4000</td>
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<tr>
<td>Tenure holder</td>
<td>Drake Mine Management Pty Ltd</td>
</tr>
<tr>
<td>Date of report</td>
<td>06 February 2020</td>
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<tr>
<td>Report status</td>
<td>Final</td>
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<td>Dispatched via</td>
<td>Email</td>
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## Revision summary

<table>
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<th>Author</th>
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<tr>
<td>Drake Environmental</td>
<td>1.0</td>
<td>06/02/2020</td>
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06 February 2020
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1 Introduction

The Drake Coal Mine (DCM) is an open cut coal mine located in the northern Bowen Basin, approximately 17 km south of the town of Collinsville, and is operated by Drake Mine Management Pty Ltd (DMM). EPBC Approval 2010/5457 (the Approval), under section 130(1) and 133 of the Environment Protection & Biodiversity Conservation Act 1999, was granted to Drake Coal Pty Ltd (Drake Coal) on 22 April 2014, and a variation to the approval was granted on 22 October 2014. On 16 August 2016, the Approval was transferred from Drake Coal to DMM.

Construction at the Drake Coal Project, now referred to as the DCM, commenced on 7 November 2014. The Approval is subject to 23 conditions and remains in effect until 31 December 2044.

This compliance report has been drafted to comply with Condition 17 of the Approval and has been prepared for the Commonwealth Department of Agriculture, Water and the Environment (DAWE), who administers approvals under the EPBC Act. The Annual Compliance Report Guidelines (DotE, 2014) were referenced during this reporting.

The approved action is as follows:

**Approved action:**

To develop and operate an open-cut coal mine, and associated infrastructure, located approximately 17 km south of Collinsville, in north Queensland

The EPBC approval decision encompasses the following controlling provisions:

<table>
<thead>
<tr>
<th>Controlling Provision</th>
<th>Decision</th>
</tr>
</thead>
<tbody>
<tr>
<td>Listed threatened species and communities (sections 18 &amp; 18A)</td>
<td>Approve</td>
</tr>
<tr>
<td>A water resource, in relation to coal seam gas development and large coal mining development (sections 24D &amp; 24E)</td>
<td>Approve</td>
</tr>
</tbody>
</table>
1.1 Drake Mine Management corporate details

DMM is a subsidiary of QCoal Pty Ltd (QCoal). QCoal is a privately-owned Queensland company, based in Brisbane, which has been active in the Queensland coal exploration and mining industry since 1989.

Street address: Drake Mine Management Pty Ltd
Level 15, 40 Creek Street
Brisbane QLD 4000

Postal address: Drake Mine Management Pty Ltd
PO Box 10630
Brisbane QLD 4000

Contact number: (07) 3002 2900

1.2 Description of activities

The DCM is an open cut mining operation located in the northern Bowen Basin, approximately 17 km south of the town of Collinsville. The DCM is accessed via the State-controlled Bowen Developmental Road. The abutting rail line, the Newlands line system, connects to the Port of Abbot Point where all coal products are shipped to international customers (see Figure 1).

The DCM is permitted to extract up to 10 million tonnes per annum (Mtpa) of run-of-mine (ROM) coal to produce approximately 6 Mtpa of combined coking and thermal coal products for the export market. DCM operates 24 hours a day, 7 days a week.

The resource target is the Moranbah Coal Measures, which are part of the Blackwater Group. The Moranbah Coal Measures are characterised by seven persistent coal seams. At the DCM, the Moranbah Coal Measures sub-crop in a north to north-east direction and dip at low angles to the east and south-east. All coal seams are potentially economic.
Figure 1 – Drake Coal Mine location
1.3 Declaration of accuracy

As recommended in section 3.1 of the *Annual Compliance Report Guidelines* (DotE 2014), the following declaration of accuracy is provided by the approval holder.

In making this declaration, I am aware that sections 490 and 491 of the *Environment Protection and Biodiversity Conservation Act 1999* (Cth) (EPBC Act) make it an offence in certain circumstances to knowingly provide false or misleading information or documents. The offence is punishable on conviction by imprisonment or a fine, or both. I declare that all the information and documentation supporting this compliance report is true and correct in every particular. I am authorised to bind the approval holder to this declaration and that I have no knowledge of that authorisation being revoked at the time of making this declaration.

Signed: [Signature]

Full name: Christopher Ian Wallin

Position: Director

Organisation: Drake Mine Management Pty Ltd ACN 612 261 453

Date: 06/02/2020
2 EPBC approval conditions compliance table

The conditions attached to the approval granted on 22 April 2014 are presented in Table 1, along with a statement of compliance for each. The variation to the approval conditions dated 22 October 2014, specifically Condition 14, is reflected in Table 1. A copy of the approval and variation to the approval conditions have been provided in Appendices A and B respectively. A copy of the transfer of approval to DMM is provided in Appendix C.
## Table 1 – EPBC approval conditions compliance table

<table>
<thead>
<tr>
<th>Condition Number</th>
<th>Condition</th>
<th>Compliance Status</th>
<th>Evidence/comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td><strong>The project area</strong> is the area designated at Attachment A covering three Mining Lease Applications (MLA) 10349, 10350 and 10351.</td>
<td>Compliant</td>
<td>Project works have been undertaken exclusively within the project area as shown in Attachment A of the approval. Please note: Mining Lease Applications (MLA) 10349, 10350 and 10351 were granted on 11 February 2014 resulting in these tenements becoming granted Mining Leases (MLs).</td>
</tr>
<tr>
<td>2</td>
<td>For the purpose of the action, the <strong>approval holder</strong> must not clear outside the project area.</td>
<td>Compliant</td>
<td>Disturbance has not occurred outside of the project area.</td>
</tr>
</tbody>
</table>
| 3                | **The approval holder** must not clear more than:**  
  a) 176.5 hectares of primary habitat for the Squatter Pigeon (southern)  
  b) 8.9 hectares of Brigalow (Acacia harpophylla dominant and co-dominant)  
  c) 2.3 hectares of Natural Grasslands of the Queensland Central Highlands and the northern Fitzroy Basin. | Compliant         | No clearing of Squatter Pigeon (southern), Brigalow (Acacia harpophylla) habitat, or Natural Grasslands of the Queensland Central Highlands and the northern Fitzroy Basin has occurred to date. |
| 4                | If the disturbance limits stated in Condition 3 of this approval are predicted to be exceeded, the **approval holder** must contact the **Department** in writing 20 **business days** before reaching the disturbance limit and provide for the **Minister's** approval:**  
  a) the actual and predicted amount of disturbance in hectares for each **EPBC Act listed species and community**  
  b) justification why the approved disturbance limits require increasing, alternatives, and proposed actions to avoid, mitigate and manage impacts  
  c) an assessment of the impact and residual impact to the **EPBC Act listed species or community** in | Compliant         | The disturbance limits provided in Condition 3 have not been predicted to be exceeded. |
Compliance report  
Drake Coal Mine EPBC 2010/5457

|  | accordance with the **EPBC Act Significant Impact Guidelines**  
d) a proposal to offset additional impacts to **EPBC Act listed species and communities** in accordance with the **EPBC Act Environmental Offsets Policy**. |
|---|---|
| 5 | The **approval holder** must submit a Biodiversity Offset Management Plan (BOMP) to the **Department** for the **Minister's** approval, outlining how offsets to address the residual impacts to the **Squatter Pigeon (southern)**, **Brigalow (Acacia harpophylla dominant and co-dominant)** and **Ornamental Snake** will be managed. The approved BOMP must be implemented. | **Compliant**  
No impact to EPBC-listed species is planned for Stage 1 of the DCM operation. By agreement with the department, an Offset Delivery Plan stating nil impacts to EPBC listed species or MNES, was submitted to the Department on 18 July 2018 with a commitment to submitting a revised BOMP for approval prior to any impact on these species. |
| 6 | The BOMP must be submitted for approval within twelve months after the **commencement of construction**. Clearing of **EPBC Act listed species and communities** must not occur until the BOMP is approved by the **Minister** in writing. | **Compliant**  
Construction commenced on 7 November 2014. On 6 November 2015, Drake Coal submitted a BOMP to the Department for approval via email and post. No clearing of EPBC Act listed species or communities has occurred to date. |
| 7 | The BOMP must include, but is not limited to:  
a) maps of the offset area's inclusive of the distribution and extent (in hectares) of the **EPBC Act listed species and communities** to be offset in electronic Geographic Information System format  
b) evidence that the offsets have been calculated and comply with the requirements of the **EPBC Act Environmental Offsets Policy**  
c) details of how the offset area/s have been or will be legally secured to provide long-term protection  
d) detailed on-ground surveys, complying with relevant **survey guidelines**, and description of the baseline condition, attributes and values of the offset area’s with respect to **EPBC Act listed species and communities** | **Not applicable at this stage**  
The submitted BOMP included the details described in Condition 7. Any future BOMP submitted for approval is to address the requirements of this condition. |
<p>| | |</p>
<table>
<thead>
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<tbody>
<tr>
<td>e)</td>
<td>management measures (including timing, frequency and longevity) for each of the <strong>EPBC Act listed species and communities</strong> and other vegetation within the offset areas with written evidence of input from a <strong>suitably qualified expert</strong> who has relevant expertise in the management of native vegetation of the Bowen Basin</td>
</tr>
<tr>
<td>f)</td>
<td>details of how the management measures align with the relevant Conservation Advice, Recovery Plans and Threat Abatement Plans for the <strong>EPBC Act listed species and communities</strong> to be offset</td>
</tr>
<tr>
<td>g)</td>
<td>a description of the risks to the successful implementation of the BOMP, including mitigation measures and residual risk ratings</td>
</tr>
<tr>
<td>h)</td>
<td>discussion of connectivity of the offset area's with other habitats and biodiversity corridors</td>
</tr>
<tr>
<td>i)</td>
<td>a monitoring program for the offset area/s which must:</td>
</tr>
<tr>
<td>i.</td>
<td>clearly set out performance indicators and milestones</td>
</tr>
<tr>
<td>ii.</td>
<td>detail how the success of the management measures against the performance indicators and milestones will be measured, recorded and reported</td>
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<tr>
<td>iii.</td>
<td>include monitoring scope and parameters, timing, frequency, triggers and corrective actions</td>
</tr>
<tr>
<td>iv.</td>
<td>detail how adaptive management strategies will be incorporated</td>
</tr>
<tr>
<td>v.</td>
<td>outline how compliance will be reported detail who will be undertaking monitoring, reporting, review, and implementation of the BOMP (if this person is not the <strong>approval holder</strong>).</td>
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<tr>
<td></td>
<td>Requirement</td>
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<tr>
<td>8</td>
<td>The BOMP must be updated, within a timeframe specified by the Minister, to include any changes to the offsets approved by the Minister. Updates must be consistent with the requirements in Condition 7.</td>
</tr>
<tr>
<td>9</td>
<td>The approval holder must, within two years of the commencement of construction (or as required under relevant Queensland legislation), register a legally binding conservation mechanism to provide long-term protection to the offset area/s approved by the Minister in the BOMP.</td>
</tr>
<tr>
<td>10</td>
<td>The approval holder must submit a Groundwater Monitoring and Management Plan (GMMP) to the Department for the Minister's approval. The approved GMMP must be implemented.</td>
</tr>
<tr>
<td>11</td>
<td>The GMMP must be approved by the Minister in writing prior to the commencement of dewatering activities in the mining pits depicted in Figure 3 of the Environmental Management Plan.</td>
</tr>
<tr>
<td>12</td>
<td>The GMMP must include, but is not limited to: a) the groundwater quality and level triggers as described in Schedule E of the Queensland Environmental Authority b) a detailed description of the actions, including timeframes, the approval holder will take if groundwater quality and or level triggers (referred to in Condition 12a of this approval) are exceeded or predicted to be exceeded c) a strategy to conduct a landholder bore survey to determine water supply bores and water users in the vicinity of the project that may be impacted by mining activities and the potential to incorporate</td>
</tr>
</tbody>
</table>
|   | those bores into the groundwater monitoring program  
|   | d) details of how the existing groundwater monitoring program will be expanded to better determine surface water-groundwater interaction, including monitoring locations, parameters to be measured, monitoring frequency and reporting requirements  
|   | e) a numerical groundwater model to simulate and quantify groundwater drawdown extent and flow impacts on the Bowen River, and validate the assumptions and potential risks and impacts of the project on groundwater resources identified in the Environmental Impact Statement documents. The model must be developed with reference to the National Water Commission Groundwater Modelling Guidelines and must include a monitoring strategy to validate the model  
|   | f) the methods, frequency and timeframes in which the GMMP and numerical groundwater model will be reviewed.  
| 13 | The **Minister** may by written request, require the GMMP be reviewed by a **suitably qualified expert**. Following any review, the GMMP must be revised and updated accordingly and submitted to the Minister for approval.  
|   | Not applicable at this stage  
|   | DMM has not received any requests from the Minister for the GMMP to be reviewed.  
| 14 | **Groundwater Quality and Levels**  
|   | a) If the groundwater quality and or level triggers referred to in Condition 12a of this approval are exceeded and an investigation is completed in accordance with Schedule E of the **Environmental Authority**, the **approval holder** must notify the **Department** within 3 months of becoming aware of the exceedance.  
|   | Compliant  
|   | No notification requirements have been triggered during the reporting period. |
b) If requested, the **approval holder** must provide copies of any exceedance investigation documents to the **Department**, in a timeframe agreed in writing by the **Department**, which state the cause, response, and actions undertaken to prevent further occurrences.

<p>| 15 | Within 20 <strong>business days</strong> after the <strong>commencement of construction</strong>, the <strong>approval holder</strong> must advise the <strong>Department</strong> in writing of the actual date of the <strong>commencement of construction</strong>. | Compliant | Construction commenced on 7 November 2014. The Department was notified via email on 25 November 2014, 13 business days later. |
| 16 | The <strong>approval holder</strong> must maintain accurate records substantiating all activities associated with or relevant to the conditions of approval, including measures taken to implement management plans, strategies, reports required by this approval, and make them available upon request to the <strong>Department</strong>. Such records may be subject to audit by the <strong>Department</strong> 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 <strong>Department's</strong> website. The results of audits may also be publicised through the general media. | Compliant | Records of all activities associated with, or relevant to, the conditions of approval, including measures taken to implement management plans, strategies, and reports required by the approval are held by DMM. |
| 17 | Within 60 <strong>business days</strong> of every 12 month anniversary of the <strong>commencement of construction</strong>, the <strong>approval holder</strong> must publish a report on their website addressing compliance with each of the conditions of this approval, including implementation of any management plans, strategies, reports as specified in the conditions. 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 <strong>Department</strong> at the same time as the compliance report is published. The compliance reports | Compliant | Publication and submission of this compliance report will be undertaken on or before 6 February 2020. All previous compliance reports have complied with this condition. |</p>
<table>
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<tr>
<td><strong>18</strong></td>
<td>Potential or actual contraventions of the conditions of approval must be reported to the <strong>Department</strong> in writing within two <strong>business days</strong> of the <strong>approval holder</strong> becoming aware of the actual or potential contravention unless otherwise stated. All contraventions must be included in the compliance reports.</td>
<td><strong>Compliant</strong></td>
</tr>
<tr>
<td><strong>19</strong></td>
<td>Upon the direction of the <strong>Minister</strong>, the <strong>approval holder</strong> must ensure that an independent audit of compliance with the conditions of approval is conducted and a report submitted to the <strong>Minister</strong>. 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 must address the criteria to the satisfaction of the <strong>Minister</strong>.</td>
<td><strong>Not applicable at this stage</strong></td>
</tr>
<tr>
<td><strong>20</strong></td>
<td>If the <strong>approval holder</strong> wishes to carry out any activity otherwise than in accordance with the management plans, strategies, reports as specified in the conditions, the <strong>approval holder</strong> must submit to the <strong>Department</strong> for the <strong>Minister's</strong> approval a revised version of that management plan, strategy, report. The varied activity shall not commence until the <strong>Minister</strong> has approved the varied management plan, strategy, report in writing. If the <strong>Minister</strong> approves the revised management plan, strategy, report, that management plan, strategy, report must be implemented in place of the management plan, strategy, report originally approved.</td>
<td><strong>Not applicable at this stage</strong></td>
</tr>
<tr>
<td><strong>21</strong></td>
<td>If the <strong>Minister</strong> believes that it is necessary or convenient for the better protection of <strong>EPBC Act listed species and communities</strong> or a water resource to do</td>
<td><strong>Not applicable at this stage</strong></td>
</tr>
</tbody>
</table>
so, the Minister may request that the approval holder make specified revisions to the management plans, strategies, reports specified in the conditions and submit the revised management plans, strategies, reports for the Minister's written approval. The approval holder must comply with any such request. The revised approved management plans, strategies, reports must be implemented. Unless the Minister has approved the revised management plans, strategies, reports, then the approval holder must continue to implement the management plans, strategies, reports originally approved, as specified in the conditions.

| 22 | If, at any time after five years from the date of this approval, the approval holder has not substantially commenced the action, then the approval holder must not substantially commence the action without the written agreement of the Minister. | Not applicable | The approval is dated 22 April 2014 and the action commenced on 7 November 2014. |
| 23 | Unless otherwise agreed to in writing by the Minister, the approval holder must publish all management plans, strategies, reports referred to in these conditions of approval on their website. Each management plan, strategy, report must be published on the website within 20 business days of being approved. The approval holder must notify the Department with five business days of publishing the management plan, strategy, report on their website and the management plan, strategy, report must remain on the website for the period the approval has effect. | Compliant | The approved Groundwater Monitoring and Management Plan – Drake Coal Project is currently published on the QCoal website: http://qcoal.com.au/wp-content/uploads/2014/11/20141024-Drake-GMMP.pdf. This document was approved on 29 October 2014 and published on the above-mentioned website on 27 November 2014 (20 business days after approval). Drake Coal notified the Department of the document being published on the website by letter and email on 27 November 2014. The compliance report for the period 8 November 2018 to 7 November 2019 is to be submitted to DAWE and published on the QCoal website prior to 6 February 2020. There are no other approved management plans, strategies or reports for the DCM. |
## Appendix A  Approval, 22 April 2014

### Approval

**Drake Coal Project, Collinsville, Queensland (EPBC 2010/5457)**

This decision is made under sections 130(1) and 133 of the *Environment Protection and Biodiversity Conservation Act 1999.*

**Proposed action**

<table>
<thead>
<tr>
<th>person to whom the approval is granted</th>
<th>Drake Coal Pty Ltd</th>
</tr>
</thead>
<tbody>
<tr>
<td>proponent’s ACN (if applicable)</td>
<td>138 221 600</td>
</tr>
<tr>
<td>proposed action</td>
<td>To develop and operate an open-cut coal mine, and associated infrastructure, located approximately 17 km south of Collinsville, in north Queensland [see EPBC Act referral 2010/5457].</td>
</tr>
</tbody>
</table>

### Approval decision

<table>
<thead>
<tr>
<th>Controlling Provision</th>
<th>Decision</th>
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</thead>
<tbody>
<tr>
<td>Listed threatened species and communities (sections 18 &amp; 18A)</td>
<td>Approve</td>
</tr>
<tr>
<td>A water resource, in relation to coal seam gas development and large coal mining development (sections 24D &amp; 24E)</td>
<td>Approve</td>
</tr>
</tbody>
</table>

### Proposed conditions of approval

This approval is subject to the conditions specified below.

### Expiry date of approval

This approval has effect until 31 December 2044.

### Decision-maker

<table>
<thead>
<tr>
<th>name and position</th>
<th>Deb Callister</th>
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<tbody>
<tr>
<td></td>
<td>Assistant Secretary</td>
</tr>
<tr>
<td></td>
<td>Queensland and Sea Dumping Assessment Branch</td>
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<tr>
<th>signature</th>
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<thead>
<tr>
<th>date of decision</th>
<th>22 April 2014</th>
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</table>
Conditions attached to the approval

1) The project area is the area designated at Attachment A covering three Mining Lease Applications (MLA) 10349, 10350 and 10351.

2) For the purpose of the action, the approval holder must not clear outside the project area.

Disturbance limits

3) The approval holder must not clear more than:
   a) 176.5 hectares of primary habitat for the Squatter Pigeon (southern)
   b) 8.9 hectares of Brigalow (Acacia harpophylla dominant and co-dominant)
   c) 2.3 hectares of Natural Grasslands of the Queensland Central Highlands and the northern Fitzroy Basin.

4) If the disturbance limits stated in Condition 3 of this approval are predicted to be exceeded, the approval holder must contact the Department in writing 20 business days before reaching the disturbance limit and provide for the Minister’s approval:
   a) the actual and predicted amount of disturbance in hectares for each EPBC Act listed species and community
   b) justification why the approved disturbance limits require increasing, alternatives, and proposed actions to avoid, mitigate and manage impacts
   c) an assessment of the impact and residual impact to the EPBC Act listed species or community in accordance with the EPBC Act Significant Impact Guidelines
   d) a proposal to offset additional impacts to EPBC Act listed species and communities in accordance with the EPBC Act Environmental Offsets Policy

Biodiversity Offset Management Plan

5) The approval holder must submit a Biodiversity Offset Management Plan (BOMP) to the Department for the Minister’s approval, outlining how offsets to address the residual impacts to the Squatter Pigeon (southern), Brigalow (Acacia harpophylla dominant and co-dominant) and Ornamental Snake will be managed. The approved BOMP must be implemented.

6) The BOMP must be submitted for approval within twelve months after the commencement of construction. Clearing of EPBC Act listed species and communities must not occur until the BOMP is approved by the Minister in writing.

7) The BOMP must include, but is not limited to:
   a) maps of the offset area/s inclusive of the distribution and extent (in hectares) of the EPBC Act listed species and communities to be offset in electronic Geographic Information System format
   b) evidence that the offsets have been calculated and comply with the requirements of the EPBC Act Environmental Offsets Policy
   c) details of how the offset area/s have been or will be legally secured to provide long-term protection
   d) detailed on-ground surveys, complying with relevant survey guidelines, and description of the baseline condition, attributes and values of the offset area/s with respect to EPBC Act listed species and communities
   e) management measures (including timing, frequency and longevity) for each of the EPBC Act listed species and communities and other vegetation within the offset area/s with written evidence of input from a suitably qualified expert who has relevant expertise in the management of native vegetation of the Bowen Basin
   f) details of how the management measures align with the relevant Conservation Advice, Recovery Plans and Threat Abatement Plans for the EPBC Act listed species and communities to be offset
   g) discussion of connectivity of the offset area/s with other habitats and biodiversity corridors.
h) a description of the risks to the successful implementation of the BOMP, including mitigation measures and residual risk ratings
i) a monitoring program for the offset area/s which must:
   i) clearly set out performance indicators and milestones
   ii) detail how the success of the management measures against the performance indicators and milestones will be measured, recorded and reported
   iii) include monitoring scope and parameters, timing, frequency, triggers and corrective actions
   iv) detail how adaptive management strategies will be incorporated
   v) outline how compliance will be reported
   vi) detail who will be undertaking monitoring, reporting, review, and implementation of the BOMP (if this person is not the approval holder).

8) The BOMP must be updated, within a timeframe specified by the Minister, to include any changes to the offsets approved by the Minister. Updates must be consistent with the requirements in Condition 7.

9) The approval holder must, within two years of the commencement of construction (or as required under relevant Queensland legislation), register a legally binding conservation mechanism to provide long-term protection to the offset area/s approved by the Minister in the BOMP.

Note 1: To ensure efficiency the approval holder may prepare and align the BOMP required under the conditions of approval with the requirements of the Biodiversity Offset Strategy required under the Queensland Environmental Authority, as long as the relevant matters under the conditions of this approval are clearly and adequately addressed.

Groundwater Monitoring and Management Plan

10) The approval holder must submit a Groundwater Monitoring and Management Plan (GMMP) to the Department for the Minister’s approval. The approved GMMP must be implemented.

11) The GMMP must be approved by the Minister in writing prior to the commencement of dewatering activities in the mining pits depicted in Figure 3 of the Environmental Management Plan.

12) The GMMP must include, but is not limited to:
   a) the groundwater quality and level triggers as described in Schedule E of the Queensland Environmental Authority
   b) a detailed description of the actions, including timeframes, the approval holder will take if groundwater quality and or level triggers (referred to in Condition 12a of this approval) are exceeded or predicted to be exceeded
   c) a strategy to conduct a landholder bore survey to determine water supply bores and water users in the vicinity of the project that may be impacted by mining activities and the potential to incorporate those bores into the groundwater monitoring program
   d) details of how the existing groundwater monitoring program will be expanded to better determine surface water-groundwater interaction, including monitoring locations, parameters to be measured, monitoring frequency and reporting requirements
   e) a numerical groundwater model to simulate and quantify groundwater drawdown extent and flow impacts on the Bowen River, and validate the assumptions and potential risks and impacts of the project on groundwater resources identified in the Environmental Impact Statement documents. The model must be developed with reference to the National Water Commission Groundwater Modelling Guidelines and must include a monitoring strategy to validate the model
   f) the methods, frequency and timeframes in which the GMMP and numerical groundwater model will be reviewed.

13) The Minister may by written request, require the GMMP be reviewed by a suitably qualified expert. Following any review, the GMMP must be revised and updated.
accordingly and submitted to the Minister for approval.

Note 2: To ensure efficiency the approval holder may prepare and align the GMMP required under the conditions of approval with the requirements of the groundwater monitoring program required under the Queensland Environmental Authority, as long as the relevant matters under the conditions of this approval are clearly and adequately addressed.

Groundwater quality and levels

14) The approval holder must notify the Department in writing within 10 business days if the groundwater quality and or level triggers referred to in Condition 12a of this approval are exceeded, and if requested, provide copies of any exceedance investigation documents to the Department, in a timeframe agreed in writing by the Department, which state the cause, response, and actions undertaken to prevent further occurrences.

General

15) Within 20 business days after the commencement of construction, the approval holder must advise the Department in writing of the actual date of the commencement of construction.

16) The approval holder must maintain accurate records substantiating all activities associated with or relevant to the conditions of approval, including measures taken to implement management plans, strategies, reports 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.

17) Within 60 business days of every 12 month anniversary of the commencement of construction, the approval holder must publish a report on their website addressing compliance with each of the conditions of this approval, including implementation of any management plans, strategies, reports as specified in the conditions. 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. The compliance reports must remain on the website for the period the approval has effect.

18) Potential or actual contraventions of the conditions of approval must be reported to the Department in writing within two business days of the approval holder becoming aware of the actual or potential contravention unless otherwise stated. All contraventions must be included in the compliance reports.

19) Upon the direction of the Minister, the approval holder 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 must address the criteria to the satisfaction of the Minister.

20) If the approval holder wishes to carry out any activity otherwise than in accordance with the management plans, strategies, reports as specified in the conditions, the approval holder must submit to the Department for the Minister’s approval a revised version of that management plan, strategy, report. The varied activity shall not commence until the Minister has approved the varied management plan, strategy, report in writing. If the Minister approves the revised management plan, strategy, report, that management plan, strategy, report must be implemented in place of the management plan, strategy, report originally approved.

21) If the Minister believes that it is necessary or convenient for the better protection of EPBC Act listed species and communities or a water resource to do so, the Minister may request that the approval holder make specified revisions to the management plans, strategies, reports as specified in the conditions and submit the revised management plans, strategies, reports for the Minister’s written approval. The approval holder must comply with any such request. The revised approved management plans, strategies, reports must be implemented. Unless the Minister has approved the revised management plans,
strategies, reports, then the approval holder must continue to implement the management plans, strategies, reports originally approved, as specified in the conditions.

22) if, at any time after five years from the date of this approval, the approval holder has not substantially commenced the action, then the approval holder must not substantially commence the action without the written agreement of the Minister.

23) Unless otherwise agreed to in writing by the Minister, the approval holder must publish all management plans, strategies, reports referred to in these conditions of approval on their website. Each management plan, strategy, report must be published on the website within 20 business days of being approved. The approval holder must notify the Department with five business days of publishing the management plan, strategy, report on their website and the management plan, strategy, report must remain on the website for the period the approval has effect.

Definitions
Approval holder: person to whom the approval is granted.
Brigalow (Acacia harpophylla dominant and co-dominant): the threatened ecological community listed under the EPBC Act.
Business days: measured in Queensland in relation to the doing of any action, any day other than a Saturday, Sunday or public holiday.
Commencement of construction: any preparatory works required to be undertaken including clearing vegetation, the erection of any onsite temporary structures and the use of heavy duty equipment for the purpose of breaking the ground for mining, buildings or infrastructure.
Department: the Australian Government Department administering the EPBC Act.
EPBC Act listed species and/or community/ies: threatened species or ecological communities listed under the EPBC Act.
Minister: the Minister administering the EPBC Act and includes a delegate of the Minister.
Natural Grasslands of the Queensland Central Highlands and the northern Fitzroy Basin: the threatened ecological community listed under the EPBC Act.
Ornamental Snake: the Ornamental Snake (Denisonia musculata), listed as a threatened species under the EPBC Act.
Primary habitat (Squatter Pigeon (southern)): open Eucalyptus spp. and Corymbia spp. dominated woodland (Regional Ecosystems 11.3.30 / 11.3.9 / 11.3.7 / 11.3.4 in mixed polygon) adjacent to and within three kilometres of the Bowen River within the project area.
Project area: the area defined in Condition 1 of this approval as the project area.
Queensland Environmental Authority: the Environmental Authority (EPM00393013) issued by the Queensland Government under the Environment Protection Act 1994 for Drake Coal Pty Ltd.
Squatter Pigeon (southern): the Squatter Pigeon (southern) (Geophaps scripta scripta), listed as a threatened species under the EPBC Act.
Substantially commenced: the extraction of coal from the project area for the purpose of commercial production. Substantially commenced does not include test extraction or extraction of coal samples for quality assurance prior to commercial production.

Suitably qualified expert: a person who has professional qualifications, training, skills or experience relevant to the nominated subject matter and can give authoritative assessment, advice and analysis on performance relating to the subject matter using the relevant protocols, standards, methods or literature.

Survey Guidelines:
Survey guidelines for Australia’s threatened birds, Guidelines for detecting birds listed as threatened under the Environment Protection and Biodiversity Conservation Act 1999
Survey guidelines for Australia’s threatened reptiles, Guidelines for detecting reptiles listed as threatened under the Environment Protection and Biodiversity Conservation Act 1999
Appendix B

Variation to conditions attached to the approval, 22 October 2014

VARIATION TO CONDITIONS ATTACHED TO APPROVAL

Drake Coal Project, Collinsville, Queensland (EPBC 2010/5457)

This decision to vary conditions of approval is made under section 143 of the Environment Protection and Biodiversity Conservation Act 1999 (EPBC Act).

Approved action

<table>
<thead>
<tr>
<th>Person to whom the approval is granted</th>
<th>Drake Coal Pty Ltd</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACN: 138 221 600</td>
<td></td>
</tr>
</tbody>
</table>

Approved action

To develop and operate an open-cut coal mine, and associated infrastructure, located approximately 17 km south of Collinsville, in north Queensland [see EPBC Act referral 2010/5457]

Variation

Variation of conditions of approval

The variation is:
Delete condition 14 of the approval dated 22 April 2014 and substitute the condition specified below.

Date of effect

This variation has effect on the date the instrument is signed

Person authorised to make decision

Name and position

Shane Gaddes
Assistant Secretary
Compliance and Enforcement Branch

Signature

Date of decision

22 October 2014

Conditions attached to the approval

(14) Groundwater quality and levels

(a) If the groundwater quality and or level triggers referred to in Condition 12a of this approval are exceeded and an investigation is completed in accordance with Schedule E of the Environmental Authority, the approval holder must notify the Department within 3 months of becoming aware of the exceedance.

(b) If requested, the approval holder must provide copies of any exceedance investigation documents to the Department, in a timeframe agreed in writing by the Department, which state the cause, response, and actions undertaken to prevent further occurrences.
### NOTICE OF TRANSFER OF APPROVAL

**Drake Coal Project, Collinsville, Queensland (EPBC 2010/5457)**
This decision is made under (Section 144B) of the Environment Protection and Biodiversity Conservation Act 1999 (EPBC Act).

#### Transfer of approval

<table>
<thead>
<tr>
<th>Role</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transferer (holder of approval)</td>
<td>Drake Coal Pty Ltd (ACN: 138 221 600 )</td>
</tr>
<tr>
<td>Transferee (person proposing to accept the transfer of approval)</td>
<td>Drake Mine Management Pty Ltd (ACN: 612 261 453)</td>
</tr>
<tr>
<td>Proposed action</td>
<td>To develop and operate an open-cut coal mine and associated infrastructure, located approximately 17 Km south of Collinsville in north Queensland (See EPBC Act referral 2010/5457).</td>
</tr>
</tbody>
</table>

#### Transfer Decision

<table>
<thead>
<tr>
<th>Role</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Person to whom the approval is transferred</td>
<td>Drake Mine Management Pty Ltd (ACN: 612 261 453)</td>
</tr>
<tr>
<td>Proposed action</td>
<td>Drake Coal Project, Collinsville, Queensland as per Approval Decision of 22 April 2014 and variation dated 22 October 2014</td>
</tr>
</tbody>
</table>

#### Person authorised to make decision

<table>
<thead>
<tr>
<th>Name and position</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paul Simonsson</td>
<td>Acting Assistant Secretary Compliances and Enforcement Branch Environment Standards Division</td>
</tr>
</tbody>
</table>

**Signature**

**Date of decision**

[Signature]

12 August 2016