



**VARIATION OF CONDITIONS ATTACHED TO APPROVAL
Tarrawonga Coal Mine Extension (EPBC 2011/5923)**

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

Person to whom the approval is granted Tarrawonga Coal Pty Ltd
ABN: 73 100 742 185

Approved action To extend and operate an open cut coal mine 15 km north-east of the township of Boggabri in New South Wales, including associated infrastructure [See EPBC Act referral **2011/5923**].

Variation

Variation of conditions attached to approval The variation is delete condition 10 attached to the approval and substitute with the condition specified in table below

Date of effect This variation has effect on the date the instrument is signed

Person authorised to make decision

Name and position Declan O'Connor-Cox,
Acting Assistant Secretary
Assessment (WA, SA, NT) and Post Approvals Branch

Signature

Date of decision

22 February

2019

Date of decision	Conditions attached to approval
Original dated 11/3/2013	<p>Disturbance areas</p> <p>1. The person taking the action must not clear more than 13 hectares (ha) of the EPBC listed White Box—Yellow Box—Blakely's Red Gum Grassy Woodland and Derived Native Grassland critically endangered ecological community within the Tarrawonga Coal Extension project area, as identified in <u>Attachment A</u> of these conditions.</p>
Original dated 11/3/2013	<p>2. The person taking the action must not clear more than:</p> <ul style="list-style-type: none"> a. 279 ha of habitat for the regent honeyeater (<i>Anthochaera phrygia</i>: formerly <i>Xanthomyza phrygia</i>); b. 54 ha of habitat for the swift parrot (<i>Lathamus discolor</i>); and c. 334 ha of habitat for the greater long-eared bat (<i>Nyctophilus corbeni</i>), within the Tarrawonga Coal Extension project area.
Variation dated 20/4/2016	<p>3. The person taking the action must submit to the Minister for approval, by 30 June 2016, an approach that:</p> <ul style="list-style-type: none"> a. limits the maximum disturbance (in hectares) specified for each of the years 5, 10, 15, and 17 from the date of this approval of the White Box—Yellow Box—Blakely's Red Gum Grassy Woodland and Derived Native Grassland ecological community and the habitat or potential habitat for the regent honeyeater, swift parrot and greater Long-eared bat; b. incorporates an analysis, undertaken by independent ecological experts approved by the Department, that demonstrates the maximum disturbance limits which will minimise any impact on relevant Matters of national environmental significance; c. demonstrates collaboration with the person taking the action to develop and operate the Boggabri Coal Project (EPBC 2009/5256) and the person taking the action to develop and operate the Maules Creek Coal Project (EPBC 2010/5566), in order to minimise progressive Project area disturbance limits across all three sites. The progressive disturbance limits are to be reflected in the development of the Leard Forest Mining Precinct Biodiversity Strategy.
Original dated 11/3/2013	<p>4. The person taking the action must not clear more than the maximum project area disturbance limits specified for each of the years 5, 10, 15 and 17 as described in condition 3, unless otherwise approved by the Minister.</p>
Variation dated 15/10/2015	<p>5. The person taking the action must publish on their website both the approved approach and the analysis undertaken by independent ecological experts under condition 3.</p>
Original dated 11/3/2013	<p>Direct Offsets</p> <p>6. The person taking the action must register a legally binding conservation covenant over offset areas of no less than:</p> <ul style="list-style-type: none"> a. 1055 ha of an equivalent or better quality of habitat for the regent honeyeater;

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	<p>b. 397 ha of an equivalent or better quality of habitat for the swift parrot;</p> <p>c. 1355 ha of an equivalent or better quality of habitat for the greater long-eared bat; and</p> <p>d. 232 ha of an equivalent or better quality of the White Box—Yellow Box—Blakely's Red Gum Grassy Woodland and Derived Native Grassland ecological community.</p> <p>Note: Offset areas described in condition 6 do not necessarily need to be separate if the same areas can meet the listing criteria for the EPBC listed threatened species or communities as defined in the EPBC listing advice for that threatened species or community and meet the requirements of condition 6.</p>
Original dated 11/3/2013	7. The person taking the action must verify through independent review the quantity and condition class of White Box—Yellow Box—Blakely's Red Gum Grassy Woodland and Derived Native Grassland ecological community and the quantity and quality of habitat for the regent honeyeater, swift parrot and greater long-eared bat within all proposed offset areas including those proposed in the Environmental Assessment and any additional offsets as required at condition 8. Details of all independently verified offset areas must be submitted to the Minister for approval by 31 January 2014. The findings of the independent review must be published on the proponent's website.
Original dated 11/3/2013	8. If the independent review finds that the offset areas do not meet the requirements of conditions 6, 7 and 9 then additional areas must be included in the offset areas until all relevant criteria under these conditions are met.
Original dated 11/3/2013	9. The offset areas must be of an overall equivalent or better quality than the areas being cleared. This means: <p>a. for White Box—Yellow Box—Blakely's Red Gum Grassy Woodland and Derived Native Grassland ecological community, offset areas must meet the definition of the ecological community described in the listing advice, and must be of an overall equivalent or better condition class than the areas being cleared, based on the proportion of each condition class represented and other relevant ecological attributes;</p> <p>b. for the threatened species, the quality of the habitat for the species, taking account of its ecological requirements, must be equivalent to or better than the areas being cleared.</p>
As varied on the date this instrument was signed	10. The mechanism/s for registering a legally binding covenant must provide protection for the offset areas in perpetuity and be registered by 31 March 2020 .
Original dated 11/3/2013	11. If the person taking the action proposes to undertake any action within areas secured under condition 6, other than those management activities related to managing the offset areas or as set out in the conditions of approval, then approval to undertake that action must be obtained in writing from the Minister . In seeking the Minister's approval, the person undertaking the action must provide a detailed assessment of the area where the action is proposed to take place and an assessment of all associated adverse impacts on matters of national environmental significance . If the Minister agrees to the action within the offset areas, the area identified for the action must be excised from the offset area and alternative offsets

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	<p>secured by the person taking the action at a ratio of at least 20:1 in relation to the impact on matters of national environmental significance.</p>
<p>Original dated 11/3/2013</p>	<p>Offset management plan</p> <p>12. The person taking the action must submit to the Minister for approval an <i>Offset management plan</i> for all of the offset areas, specified in condition 6, within 12 months of the date of this approval. The approved <i>Offset management plan</i> must be implemented.</p> <p>Note: for consistency, the proponent may develop a <i>Biodiversity Management plan</i> that includes the requirements set for managing offsets and set out in these conditions, to align with the requirements of the NSW state government Project Approval dated 22 January 2013 (application number 11_0047) and this approval.</p>
<p>Original dated 11/3/2013</p>	<p>13. The <i>Offset management plan</i> must include, but not be limited to, the following:</p> <ul style="list-style-type: none"> a) a text description and map which clearly defines the location and boundaries of the offset areas. This must be accompanied by the offset attributes and shapefiles; b) a description of the methodology and results of surveys measuring the baseline ecological conditions in the offset areas. This must be consistent with the State and Transition Model and include but not be limited to: <ul style="list-style-type: none"> i. the extent and condition of all vegetation communities, including a description of the structure, floristics and tree age class representation of each community; ii. the extent and condition class of all areas of the White Box—Yellow Box—Blakely's Red Gum Grassy Woodland and Derived Native Grassland ecological community; iii. surveys targeting the regent honeyeater, swift parrot and greater long-eared bat; iv. the extent and quality of all areas of habitat for the regent honeyeater, swift parrot and greater long-eared bat; v. the location of all survey sites (including co-ordinates); vi. photo reference points at survey sites. c) clearly defined ecological management objectives for the offset areas; d) detailed description of all ecological management activities proposed to be undertaken, including maps and/or diagrams showing areas to be managed and the timing of the proposed activities; e) details of ongoing ecological monitoring programs, performance criteria, targets and provisions for adaptive management, including but not limited to: <ul style="list-style-type: none"> i. a set of measurable ecological indicators for detecting changes to the White Box—Yellow Box—Blakely's Red Gum Grassy Woodland and Derived Native Grassland ecological community, including those that may be ascribed to ongoing water stress; ii. a monitoring plan to assess the success of the management activities measured against the baseline condition. The monitoring must be statistically robust and able to quantify

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	<p>change in the condition of the White Box—Yellow Box—Blakely's Red Gum Grassy Woodland and Derived Native Grassland ecological community and habitat for the regent honeyeater, swift parrot and greater long-eared bat. This should include the use of control sites and periodic ecological surveys to be undertaken by a qualified ecologist;</p> <ul style="list-style-type: none"> iii. a list of performance criteria based on the ecological management objectives for the White Box—Yellow Box—Blakely's Red Gum Grassy Woodland and Derived Native Grassland ecological community and habitat for the regent honeyeater, swift parrot and greater long-eared bat; iv. measures to exclude weeds from all offset areas for the period covered by this approval; v. a description of the potential risks to successful management against the performance criteria, and a description of the contingency measures that would be implemented to mitigate against these risks; vi. a process by which to report to the Department the progress of management activities undertaken in the offset areas and the outcome of those activities, including identifying any need for improved management and activities to undertake such improvement. <p>f) details of all parties responsible for management, monitoring and implementing the management activities, including their position or status as a separate contractor.</p> <p>g) details of the funding requirements for the ongoing management activities, including an estimate of the costs of the activities and details of the parties responsible for funding the activities.</p>
Original dated 11/3/2013	14. Unless otherwise agreed to in writing by the Department , the baseline surveys for threatened species must be conducted in accordance with the department's <i>Survey Guidelines for Australia's Threatened Birds</i> and the <i>Survey Guidelines for Australia's Threatened Bats</i> . Subsequent monitoring must be carried out annually at the same time of year as the baseline surveys, unless otherwise agreed to in writing by the Department .
Variation dated 15/10/2015	<p>Surface and groundwater management plans</p> <p>15. The person taking the action must provide the <i>Surface and Groundwater Management Plans</i>, as identified in condition 39 of the NSW State Government Project Approval dated 22 January 2013 (application number 11_0047), to the Minister for approval within one month of their approval by the NSW state government. The approved plans must be implemented.</p>
Original dated 11/3/2013	16. The surface and groundwater management plans must be consistent with the National Water Quality Management Strategy.
Variation dated 15/10/2015	17. The person taking the action must include with the <i>Surface and Groundwater Management Plans</i> (submitted for approval by the Minister as per condition 15) written advice demonstrating how the plans address the cumulative impact of groundwater drawdown as a result of mining and how this may impact on the consequent health of the remnant native vegetation in the Leard State Forest, the Leard State Conservation Area and surrounding areas. The advice must be developed in collaboration with the person taking the action to develop the Boggabri Coal Mine Extension (EPBC 2009/5256) and the Maules Creek Coal Mine (EPBC 2010/5566). The advice must address the following matters:

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	<ul style="list-style-type: none"> a. maximum amount of allowable drawdown in the alluvial aquifer; b. drawdown in hard rock; c. trigger levels pertaining to drawdown in the alluvial aquifer when corrective actions will be required to be undertaken; d. identify the depth of the root zone of the native vegetation; and e. monitoring to assess the ongoing quality and quantity of both surface and groundwater to identify impacts on the native vegetation.
Variation dated 15/10/2015	<p>18. The person taking the action must, within 30 days of receiving a written request from the Minister, provide to the Minister a report on:</p> <ul style="list-style-type: none"> a. any updated modelling of surface and groundwater impacts that has been undertaken in preparing the <i>Surface and Groundwater Management Plans</i>; and b. how the <i>Surface and Groundwater Management Plans</i> addressed groundwater and surface water impacts on matters of national environmental significance.
Variation dated 15/10/2015	<p>Goonbri Creek Diversion and Low Permeability Barrier</p> <p>19. The person taking the action must provide to the Minister for approval, before commencement of the construction of the permanent Goonbri Creek alignment, permanent flood bund and low permeability barrier, a <i>Goonbri Creek Diversion and Flood Bund Concept Design Plan</i>. No construction activities in relation to the permanent Goonbri Creek alignment, permanent flood bund and/or low permeability barrier can commence until the <i>Goonbri Creek Diversion and Flood Bund Concept Design Plan</i> has been approved by the Minister. The approved plan must be implemented.</p>
Original dated 11/3/2013	<p>20. The Goonbri Creek Diversion and Flood Bund Concept Design Plan must include:</p> <ul style="list-style-type: none"> a. an assessment of the surface water and groundwater quality, ecology, hydrological and geomorphic baseline conditions within the creek; b. a description of how restoration of the re-aligned riparian zone will be undertaken to best replicate the habitat of the existing creek, including plant species and fauna habitat features; c. water quality, ecology, hydrological and geomorphic performance and completion criteria for the creek diversion and low permeability barrier based on the assessment of the baseline conditions identified in condition 20 (a); and d. a risk assessment of the environmental consequences of the proposed low permeability barrier and the proposed Goonbri Creek realignment including the potential for impacts on groundwater and surface discharge. The risk assessment must be peer-reviewed. e. details for ongoing monitoring and management of downstream impacts on the adjacent floodplains and Namoi River floodplain.
Original dated 11/3/2013	<p>21. The person taking the action must ensure that dispersed waters downstream of the Goonbri Creek re-alignment do not adversely affect the downstream environment and avoid any impacts on matters of national environmental significance.</p>

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Original dated 11/3/2013	<p>Leard Forest Mining Precinct Regional Biodiversity Strategy</p> <p>22. The person taking the action must implement the regional biodiversity strategy as required under condition 41 of the NSW state government project approval dated 22 January 2013 (application number 11_0047). The required scoping report for the development of the strategy must be submitted to the Minister for approval on or before 31 July 2013. The approved strategy must be implemented.</p>
Variation dated 15/10/2015	<p>Mine site rehabilitation</p> <p>23. To mitigate the impacts to the White Box—Yellow Box—Blakely's Red Gum Grassy Woodland and Derived Native Grassland and the habitat of the regent honeyeater, swift parrot and greater long-eared bat, the person taking the action must, within six months of the date of this variation to conditions of approval, submit to the Minister for approval a <i>Mine Site Rehabilitation Plan</i> for the progressive rehabilitation and revegetation of no less than 752 ha of native forest and woodland in the Project area including 13 ha using species consistent with a White Box—Yellow Box—Blakely's Red Gum Grassy Woodland and Derived Native Grassland Ecological Community. This approved <i>Mine Site Rehabilitation Plan</i> must be implemented.</p>
Original dated 11/3/2013	<p>24. The person taking the action must rehabilitate the site to be consistent with the proposed rehabilitation strategy as provided in the Environmental Assessment and, as required under the NSW State Government approval dated 22 January 2013 (Application 11_0047).</p>
Original dated 11/3/2013	<p>25. The <i>mine site rehabilitation plan</i> must include, at a minimum, the following information:</p> <ul style="list-style-type: none"> a. targets and performance indicators to achieve effective restoration of potential habitat for the regent honeyeater, swift parrot and greater long-eared bat and White Box—Yellow Box—Blakely's Red Gum Grassy Woodland and Derived Native Grassland ecological community, including weed management; b. details of the vegetation communities to be rehabilitated and the timing of progressive rehabilitation (commencing as soon as practicable following disturbance); c. detailed soil depth surveys and analysis to inform the effective placement and restoration of soils underlying the proposed rehabilitation sites; including mapping of soils across the disturbance sites and soil sampling at no less than one sample point per 20 ha of each soil type identified. Sampling must identify; type, depth, water holding capacity, structure and physio-chemical properties of each of the soil and subsoil layers; d. processes and methodologies for the removal, storage and re-layering of the top soil and sub soil layers underlying the disturbed sites being prepared for rehabilitation. These processes and methodologies must ensure the replacement of top soil and sub soil layers as provided in the Environment Assessment. e. a process to report annually to the Department the rehabilitation management actions undertaken and the outcome of those actions, and the mechanisms to be used to identify the need for improved management;

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	<p>f. a description of the potential risks to successful management and rehabilitation on the project site, including weed invasion, and a description of the contingency measures that would be implemented to mitigate these risks;</p> <p>g. details of long-term management and protection of the mine site, including details of the commitment of funds to achieve this.</p>
Variation dated 15/10/2015	<p>25. The <i>Mine Site Rehabilitation Plan</i> must be subject to an Independent review by a qualified ecologist. The findings of the Independent review must be published on the website of the person taking the action at the same time as the approved <i>Mine Site Rehabilitation Plan</i> is published.</p> <p>Note: for consistency, the person taking the action may develop a single <i>mine rehabilitation plan</i> to align with the requirements, including timing of reporting, of the NSW State Government approval dated 22 January 2013 (Application 11_0047) and this approval. The <i>Offset Management Plan</i> and the <i>Rehabilitation Management Plan</i> need to be substantially integrated for achieving biodiversity objectives for the rehabilitated mine-site.</p>
Variation dated 15/10/2015	<p>Conservation Bond</p> <p>27. The person taking the action must submit details of the Conservation and Biodiversity Bond (required under condition 49 of the NSW state government project approval dated 22 January 2013) and the Rehabilitation Security Deposit (required under the NSW mining Act 1992) to the Minister within one month of lodgement of the Bond and Deposit with the NSW state government. If the Minister is not satisfied that the Bond and Deposit lodged by the person taking the action is adequate to provide for the requirements referred to under conditions 19, 20, 22, 23 and 24, the Minister may require the person taking the action establish an additional bond or equivalent financial instrument in trust, under conditions approved in writing by the Minister.</p>
Original dated 11/3/2013	<p>Final Landform</p> <p>28. The person taking the action must undertake rehabilitation to ensure the final landform provides the optimum opportunity for the successful restoration of native forest and woodland including the critically endangered White Box—Yellow Box—Blakely's Red Gum Grassy Woodland and Derived Native Grassland ecological community.</p>
Original dated 11/3/2013	<p>29. The person taking the action must undertake rehabilitation to ensure the final void and landform minimises the extent of any resulting pit lake, avoids salt scalding and ensures that drained waters do not adversely affect the downstream environment and avoids any impacts on matters of national environmental significance.</p> <p>Note: the State approval conditions for project 11_0047 require the preparation and implementation of a <i>Final Void and Mine Closure Plan</i> that considers interactions with the adjoining mines, including interaction between final voids, opportunities for integrated mine planning with adjoining mines to minimise environmental impacts, all reasonable and feasible landform options for the final void (including filling) and predicted hydrochemistry and hydrogeology (including long-term groundwater recovery and void groundwater quality).</p>
Variation dated 15/10/2015	<p>Survey data</p> <p>30. All survey data collected for the project must be recorded so as to conform to data standards notified from time to time by the Department. When</p>

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	<p>requested by the Department, the person taking the action must provide to the Department all species and ecological survey data and related survey information from ecological surveys undertaken for matters of national environmental significance. This survey data must be provided within 30 business days of request, or in a timeframe agreed to by the Department in writing. The Department may use the survey data for other purposes.</p> <p>In the event that any additional Matters of national environmental significance are recorded within the Project area and a significant impact on the matter/s is likely, the Department must be notified in writing within 14 days of the matter/s being recorded. In accordance with condition 35, the Minister may request that the person taking the action revise any relevant plans to ensure better protection of the relevant matter/s.</p>
Original dated 11/3/2013	<p>Reporting and auditing</p> <p>31. Within 14 days after the commencement of construction, the person taking the action must advise the Department in writing of the actual date of Commencement of construction.</p>
Variation dated 15/10/2015	<p>32. Within three months of every 12 month anniversary of Commencement of construction, 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. 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 person taking the action must continue to comply with this condition until such time as approved in writing by the Minister.</p>
Original dated 11/3/2013	<p>33. 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 must address the criteria to the satisfaction of the Minister.</p>
Variation dated 15/10/2015	<p>34. The person taking the action may choose to revise a management plan approved by the Minister under conditions 12, 15, 19, or 23 without submitting it for approval under section 143A of the EPBC Act, if the taking of the action in accordance with the revised plan would not be likely to have a new or increased impact. If the person taking the action makes this choice they must:</p> <ul style="list-style-type: none"> a. notify the Department in writing that the approved plan has been revised and provide the Department with an electronic copy of the revised plan; b. implement the revised plan from the date that the plan is submitted to the Department; and c. for the life of this approval, maintain a record of the reasons the approval holder considers that taking the action in accordance with the revised plan would not be likely to have a new or increased impact.
Variation dated 15/10/2015	<p>34A. The person taking the action may revoke their choice under condition 34 at any time by notice to the Department. If the person taking the action revokes the choice to implement a revised plan, without approval under</p>

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	<p>section 143A of the EPBC Act, the plan approved by the Minister must be implemented.</p>
<p>Variation dated 15/10/2015</p>	<p>34B. If the Minister gives a notice to the person taking the action that the Minister is satisfied that the taking of the action in accordance with the revised plan would be likely to have a new or increased impact, then:</p> <ul style="list-style-type: none"> a. condition 34 does not apply, or ceases to apply, in relation to the revised plan; and b. the person taking the action must implement the plan approved by the Minister. <p>To avoid any doubt, this condition does not affect any operation of conditions 34 and 34A in the period before the day the notice is given.</p> <p>At the time of giving the notice the Minister may also notify that for a specified period of time that condition 34 does not apply for one or more specified plans requires under the approval.</p>
<p>Variation dated 15/10/2015</p>	<p>34C. Conditions 34, 34A, and 34B are not intended to limit the operation of section 143A of the EPBC Act which allows the person taking the action to submit a revised plan to the Minister for approval.</p>
<p>Original dated 11/3/2013</p>	<p>35. If the Minister believes that it is necessary or convenient for the better protection of listed threatened species and communities or listed migratory species to do so, the Minister may request that the person taking the action make specified revisions to the management plan 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 approved plan must be implemented. Unless the Minister has approved the revised plan then the person taking the action must continue to implement the originally approved plan, as specified in the conditions.</p>
<p>Original dated 11/3/2013</p>	<p>36. 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>Original dated 11/3/2013</p>	<p>Publication of plans</p> <p>37. 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 <i>Environment Protection and Biodiversity Conservation Act 1999</i>, 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>Original dated 11/3/2013</p>	<p>38. Unless otherwise agreed to in writing by the Minister, the person taking the action must publish all management plans referred to in these conditions of approval on their website. Each management plan must be published on the website within 1 month of being approved.</p>

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Original dated 11/3/2013	Commencement of construction – the commencement of any activities within the project area which are included in this approval.
Original dated 11/3/2013	Commencement of the construction of the permanent Goonbri Creek alignment, permanent flood bund and low permeability barrier – the commencement of any activities in relation to the permanent Goonbri Creek alignment, permanent flood bund and/or low permeability barrier.
Original dated 11/3/2013	Condition class – One of three states in which the White Box—Yellow Box—Blakely's Red Gum Grassy Woodland and Derived Native Grassland ecological community may exist, as defined within the Commonwealth listing advice for the listing of this ecological community as critically endangered under the EPBC Act.
Original dated 11/3/2013	Department - the Australian Government Department responsible for the <i>Environment Protection and Biodiversity Conservation Act 1999</i> .
Original dated 11/3/2013	Environmental Assessment – The Maules Creek Coal Project Environmental Assessment July 2011, prepared by Hansen Bailey for Aston Coal 2 Pty Ltd, and submitted as part of the approval documents for the Maules Creek Coal Project.
Original dated 11/3/2013	Habitat – areas in which a species or community is known to occur or is thought to have the potential to occur based on the biophysical conditions prevailing in the area and the ecological requirements of the species or community.
Original dated 11/3/2013	Independent review – an investigation conducted by an independent expert ecologist who has been approved by the department.
Original dated 11/3/2013	Minister - the Minister administering the <i>Environment Protection and Biodiversity Conservation Act 1999</i> and includes a delegate of the Minister.
Original dated 11/3/2013	Matters of national environmental significance – all matters listed under Part 3 of the EPBC Act
Variation dated 15/10/2015	New or increased impact: A new or increased impact on any matter protected by the controlling provisions for the action, when compared to the plan that has been approved by the Minister.
Original dated 11/3/2013	Offset areas – areas that are proposed to meet the criteria set out in conditions 6, 7 and 8 of the approval, to offset the impacts of the action on matters of national environmental significance.
Original dated 11/3/2013	Offset attributes -means an '.xls' file capturing relevant attributes of the Offset Area, including the EPBC reference ID number, the physical address of the offset site, coordinates of the boundary points in decimal degrees, the EPBC protected matters that the offset compensates for, any additional EPBC protected matters that are benefiting from the offset, and the size of the offset in hectares.
Original dated 11/3/2013	Project area – the area defined by the Tarrawonga Coal Mine Extension Project EPBC Act referral (EPBC Act reference 2011/5923) as lying within the Project Application Boundary.
Original dated 11/3/2013	Shapefiles -means an ESRI Shapefile containing '.shp', '.shx' and '.dbf' files and other files capturing attributes of the Offset Area, including the shape, EPBC reference ID number and EPBC protected matters present at the relevant site.

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	Attributes should also be captured in '.xls' format. A geographically referenced raster 'img' file/s must be provided to provide context for the shapefiles.
	<p>State and Transition Model – Section 3.2 of <i>A Guide to Managing Box Gum Grassy Woodlands</i> (Caring for our Country Environmental Stewardship, 2010), depicts the different condition states (as reflected by disturbance, inputs and altered land use) in which a given vegetation can exist. This publication can be found at: http://www.nrm.gov.au/resources/publications/stewardship/bggw-handbook.html</p>
	<p>Substantially commence the action – means the extraction of coal from the Tarrawonga Coal Mine Project for the purpose of commercial production. Substantial commencement does not include test extraction or extraction of coal samples for quality assurance.</p>

