



**Australian Government**  
**Department of the Environment**

**CONSOLIDATED APPROVAL NOTICE**

**JANDAKOT AIRPORT EXPANSION, COMMERCIAL DEVELOPMENT AND CLEARANCE  
OF NATIVE VEGETATION, WA (EPBC 2009/4796)**

The attached notice (Attachment A) is provided to consolidate the approval for the above project. The proposed action and conditions were subject to variations at various times during the assessment and post approval phases. These variations are publicly available on the department's website at [http://www.environment.gov.au/cgi-bin/epbc/epbc\\_ap.pl?name=current\\_referral\\_detail&proposal\\_id=4796](http://www.environment.gov.au/cgi-bin/epbc/epbc_ap.pl?name=current_referral_detail&proposal_id=4796)

To avoid confusion, the dates of the approval and subsequent variations for the project remain unchanged.

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**Name and position**

*S. Gaddes*

Shane Gaddes  
Assistant Secretary  
Compliance and Enforcement Branch

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**date of Consolidated  
Approval Notice**

*8* April 2014

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**Australian Government**  
**Department of the Environment**

**Approval**

**Jandakot Airport Expansion, Commercial Development and Clearance of Native Vegetation, WA – EPBC 2009/4796**

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

**Proposed action**

**person to whom the approval is granted** Jandakot Airport Holdings Pty Ltd

**proponent's ACN (if applicable)**

**proposed action** To construct a fourth runway and associated taxiways, runway extensions, and clear land for the development of aviation and commercial precincts as described in the Jandakot Airport Master Plan 2009, as described in the referral received on 17 March 2009 (EPBC 2009/4796).

**Approval decision**

<b>Controlling Provision</b>	<b>Decision</b>
Listed threatened species and communities (sections 18 & 18A)	Approved
Commonwealth land (sections 26 & 27A)	Approved

**conditions of approval** This approval is subject to the conditions specified below.

**expiry date of approval** This approval has effect until 30 June 2097.

**Decision-maker**

**name and position** The Hon. Peter Garrett MP  
 Minister for the Environment, Heritage and the Arts

**signature** **SIGNED**

**date of decision** **25 March 2010**

1. The person taking the action must not clear more than 167 hectares of native vegetation within precincts 1B, 3, 4 and 5 on Jandakot Airport shown in Annexure A. For all **clearing** the following requirements must be met:

- a) Vegetation **clearing** must be undertaken in a staged manner, with **clearing** only to occur in areas in which project or non-project related construction will commence in the following 12 months.
- b) **Clearing** of remnant or regrowth native vegetation within precincts 1A, 1B, 2A and 2B shown at Annexure A is not permitted unless for the purpose of constructing the roads shown in Annexure A, or for establishing or managing firebreaks and emergency access tracks.
- c) **Clearing** for the establishment or management of firebreaks and emergency access tracks within precincts 1A, 1B, 2A and 2B shown at Annexure A may only be undertaken if:
  - i. the Conservation Management Plan required under condition 6 provides justification and detail for the locations and areas impacted by the firebreaks / emergency access tracks; and
  - ii. the Conservation Management Plan has been approved by the **Minister**.

*Note: Vegetation cleared for the maintenance or establishment of new firebreaks and emergency access tracks is excluded from the 167 hectare limit required under condition 1.*

2. The person taking the action must retain and manage precinct 6 for conservation until both of the following requirements have been fulfilled:

- a) the successful implementation of rehabilitation requirements under conditions 4 and 5 of this approval; and
- b) the referral and approval of any **clearing** activities on precinct 6 under the *Environment Protection and Biodiversity Conservation Act 1999* or subsequent environmental legislation administered by the **Minister**.

3. The person taking the action must conserve in perpetuity all land in precincts 1A, 1B, 2A and 2B shown at Annexure A, with the exception of that land required to construct the roads shown in Annexure A and **clearing** required for the establishment or management of firebreaks and emergency access tracks outlined in condition 1 and condition 6(d)v.

4. The person taking the action must develop and submit a Jandakot Airport Offset Plan which must include but not be limited to:

- a) The rehabilitation of precincts 7 and 8 shown at Annexure A must take place in accordance with condition 5 and with the consent of Canning City Council. Evidence of consent from Canning City Council must be provided.

*Note: As Canning City Council did not provide consent to condition 4(a) of this approval, condition 4(a), 5 and 6(b) are no longer active conditions. This note has been inserted for clarity during the variation of conditions process, April 2014.*

- b) If consent cannot be obtained from Canning City Council to rehabilitate precincts 7 and 8 as required under condition 4(a) by 30 June 2010, the person taking the action must provide to **DPaW** the sum of \$9.2 million and topsoil from the Jandakot Airport lease site for use in the rehabilitation and conservation of banksia woodland at an alternative site or sites. The areas to be rehabilitated or conserved must be within 45 kilometres of the Jandakot Airport lease site unless the **Minister** agrees to alternative siting. The transportation costs for the topsoil are to be paid for out of the \$9.2 million. The funding must be provided prior to the commencement of each clearing stage and in proportion to the area cleared.

- c) The acquisition and protection in perpetuity of a minimum of 1600 hectares of land containing Carnaby's Black-cockatoo (*Calyptorhynchus latirostris*) foraging habitat. The person taking the action must demonstrate that the proportion of the 1600 hectares of land that has been secured for protection, is not less than the proportion of the land to be cleared on Jandakot Airport each year, prior to that staged annual clearing occurring.
- d) Provide details of the future ownership, funding arrangements and management of the land to be used as the offset.
- e) Funding details, including research, on recovery actions for Carnaby's Black-cockatoo (*Calyptorhynchus latirostris*), for a minimum of \$150,000 per year, over five years.

The Jandakot Airport Offset Plan must be submitted to and approved by the **Minister** prior to **construction**. The approved Jandakot Airport Offset Plan must be implemented.

5. If Canning City Council agrees to the rehabilitation of precincts 7 and 8, as required under condition 4(a), then the person taking the action must develop and submit a Jandakot Airport Rehabilitation Strategy which must include but not be limited to:

- a) The Bushland Rehabilitation Proposal and Success Criteria report, July 2009.
- b) Management of precincts 7 and 8 for long term conservation values.

The Jandakot Airport Rehabilitation Strategy must be submitted to the **Minister** after 30 June 2010. The person taking the action cannot clear more than 42 hectares of remnant and regrowth vegetation for the proposed development until the Jandakot Airport Rehabilitation Strategy has been approved by the **Minister**. The Jandakot Airport Rehabilitation Strategy must be implemented.

6. The person taking the action must develop and submit a Conservation Management Plan to the **Minister**. The plan must include measures to manage remnant and regrowth vegetation and native **fauna species** and **flora species** in conservation areas, including but not limited to:

- a) Management of remnant and regrowth vegetation and native **fauna species** and **flora species** on the Jandakot Airport lease.
- b) If Canning City Council agrees to the rehabilitation of precincts 7 and 8, the management of remnant and regrowth vegetation and native **fauna species** and **flora species** in precincts 7 and 8.
- c) If Melville City Council agrees, the management of remnant and regrowth vegetation and native **fauna species** and **flora species** in Ken Hurst Park.
- d) Native vegetation management, including but not limited to:
  - i. Mapping of native vegetation, including type, condition and *Phytophthora cinnamomi* dieback infested areas;
  - ii. Environmentally significant areas and their protection;
  - iii. Monitoring regimes and survey methods;
  - iv. Thresholds for triggering further management intervention in response to condition 6(d)iii outputs;
  - v. Bushfire management including firebreaks and emergency access tracks;
  - vi. Weed control;
  - vii. *Phytophthora cinnamomi* dieback control;
  - viii. Rehabilitation and revegetation guidelines;

- e) Orchid management, including but not limited to:
  - i. Mapping of individual *Caladenia huegelii* and *Drakaea elastica* plants;
  - ii. Results of surveys and details of any current and future surveys;
  - iii. Monitoring regimes and survey methods;
  - iv. Thresholds for triggering further management intervention in response to condition 6(e)ii and 6(e)iii outputs;
  - v. Grand Spider-orchid (*Caladenia huegelii*) management and translocation procedures;
  - vi. Details and funding arrangements for 'The Jandakot Rare Orchid Research Program: Integrated Conservation and Translocation of *Caladenia huegelii* – Key Concepts in the Development of an Integrated Conservation Program for Western Australian Caladenia' (Dixon and Swarts, undated);
  - vii. Justification of the road alignment through precinct 1B.
- f) Fauna management, including but not limited to:
  - i. Mapping of Carnaby's Black-cockatoo (*Calyptorhynchus latirostris*), Forest Red-tailed Black-cockatoo (*Calyptorhynchus banksii naso*), Quenda (*Isoodon obesulus fusciventer*) and Western Brush Wallaby (*Macropus irma*) habitat and occurrence;
  - ii. Monitoring regimes and survey methods for Carnaby's Black-cockatoo (*Calyptorhynchus latirostris*), Forest Red-tailed Black-cockatoo (*Calyptorhynchus banksii naso*), Quenda (*Isoodon obesulus fusciventer*) and Western Brush Wallaby (*Macropus irma*);
  - iii. Thresholds for triggering further management intervention in response to condition 6(f)i and 6(f)ii outputs;
  - iv. Feral animal control measures for the protection of Quenda (*Isoodon obesulus fusciventer*) and Western Brush Wallaby (*Macropus irma*);
  - v. A fauna road crossing strategy to facilitate terrestrial fauna movement;
  - vi. A fencing strategy to facilitate terrestrial fauna movement;
  - vii. Management options for EPBC Act listed or WA priority fauna and flora species found on Jandakot Airport in the future which have not been identified as occurring on site.
- g) A strategy for public consultation and public participation in the management of the areas mentioned in condition 6(b) and 6(c).

The Conservation Management Plan must include a provision to provide an annual Compliance report to the **department** detailing progress against objectives and targets outlined in the Conservation Management Plan and in the Jandakot Airport Environment Strategy.

The Conservation Management Plan must be submitted and approved by the **Minister** before **construction** commences. The approved Conservation Management Plan must be implemented.

7. The person taking the action must develop and submit a Jandakot Groundwater Mound Management Plan which must include but not be limited to:

- a) Groundwater monitoring and reporting;

- b) Provision of groundwater monitoring reports to the Western Australian Department of Water and Water Corporation;
- c) Address all relevant measures included in the **Local Water Management Strategy**;
- d) Schedules for the independent audit of groundwater monitoring results and reports;
- e) Spill avoidance, management and rehabilitation measures and procedures;
- f) The introduction of a sewerage system;

The Jandakot Groundwater Mound Management Plan must be submitted within four (4) months of the date of this approval. **Construction** must not commence within precinct 5 until the Jandakot Groundwater Mound Management Plan has been approved by the **Minister**. The approved Jandakot Groundwater Mound Management Plan must be implemented.

**8.** The person taking the action must develop and submit a Construction Environment Management Plan (CEMP) to the **Minister** for approval. The plan must include but not be limited to:

- a) Establishment and maintenance of fences and signage of “**no go areas**” in areas of priority and threatened species habitat;
- b) A landscaping vegetation schedule identifying plant species to be planted. Flora species to be planted must consist of Carnaby’s Black-cockatoo (*Calyptorhynchus latirostris*) foraging plant species;
- c) Identification and implementation of erosion and sedimentation control measures during and following **clearing**;
- d) Identification and implementation of dust control measures during and following **clearing**;
- e) Identification and implementation of appropriate weed and dieback hygiene measures;
- f) Induct clearing and construction workers and contractors about requirements to protect priority and threatened species in accordance with relevant legislation;
- g) Measures to reduce impacts on listed threatened species; and
- h) Indicative environmental management checklists to assist with monitoring the implementation of environmental management obligations during **construction** works.

Unless otherwise specified, the person taking the action must submit a report of performance against the requirements of the CEMP annually until final **construction** is completed.

The CEMP must be approved by the **Minister** before **construction** commences. The approved CEMP must be implemented.

**9.** The person taking the action must ensure that all Major Development Plan proposals are consistent with this *Environment Protection and Biodiversity Conservation Act 1999* approval.

**10.** The person taking the action must ensure that all Jandakot Airport Master Plan documents and all Jandakot Airport Environment Strategy documents are consistent with this *Environment Protection and Biodiversity Conservation Act 1999* approval.

**11.** If the **Minister** believes that it is necessary or desirable for the better protection of the environment, the **Minister** may request that the person taking the action make specified revisions to a plan or strategy approved pursuant to conditions 4, 5, 6, 7 and 8, and submit the revised plan or measure for the **Minister**’s approval. The person taking the action must comply with any such request. If the **Minister** approves a revised plan or measure pursuant to this condition, the person taking the action must implement that plan or measure instead of the plan or measure as originally approved.

12. If the person taking the action wishes to carry out any activity other than in accordance with a plan or strategy approved pursuant to conditions 4, 5, 6, 7 and 8 the person taking the action must submit for the **Minister's** approval a request for revision of the plan. If the **Minister** approves the revised plan or measure so submitted, the person taking the action must implement that plan or measure instead of the plan or measure as originally approved.

13. If, at any time after 5 years from the date of this approval, the **Minister** notifies the person taking the action in writing that the **Minister** is not satisfied that there has been **substantial commencement** of the development, the development must not thereafter be commenced.

14. The person taking the action must maintain accurate records substantiating all activities associated with or relevant to the conditions of approval, including measures taken to implement the management plans and strategies required by this approval and report upon management measures undertaken, 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.

15. 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**.

16. By 28 October of each year, commencing 2014, the person taking the action must publish an annual report on their website addressing the compliance with each of the conditions of this approval, including implementation of management plans required under the conditions. Documentary evidence providing proof of the date of publication and non-compliance with any of the conditions of this approval must be reported to the **Department** at the same time as the compliance report is published.

17. Unless otherwise agreed to in writing by the **Minister**, the person taking the action must publish all management plans and strategies required under conditions 4, 5, 6, 7 and 8 on their website. Each management plan must be published on the website within 1 month of being approved by the **Minister**. These online publications must remain on the website for the duration of the approval or until otherwise accepted in writing by the **Minister**.

#### **Definitions:**

**Clearing** - The cutting down, felling, thinning, logging, removing, killing, destroying, poisoning, ringbarking, uprooting or burning of native vegetation.

**Construction** – Any **clearing** or building works undertaken within precincts 1B, 3, 4 and 5, with the exception of the following:

- Removal or translocation of listed threatened orchids as outlined in 'The Jandakot Rare Orchid Research Program: Integrated Conservation and Translocation of *Caladenia huegelii* – Key Concepts in the Development of an Integrated Conservation Program for Western Australian *Caladenia*' (Dixon and Swarts, undated); and
- Activities associated with the development of required linear infrastructure (such as powerlines and sewage but excluding roads); and
- Other minor works approved by the **Minister**.

**Department** - The Australian Government Department administering the *Environment Protection and Biodiversity Conservation Act 1999*.

**DPaW** – The Western Australian Government's Department of Parks and Wildlife (or equivalent agency).

**Flora Species** – Grand Spider-orchid (*Caladenia huegelii*) and Glossy-leaved Hammer-orchid (*Drakaea elastica*).

**Fragmentation** - The breaking up of a large intact area of a single vegetation or habitat type into smaller intact units.

**Fauna Species** – Carnaby's Black-cockatoo (*Calyptorhynchus latirostris*), Forest Red-tailed Black-cockatoo (*Calyptorhynchus banksii naso*), Quenda (*Isoodon obesulus fusciventer*) and Western Brush Wallaby (*Macropus irma*).

**Local Water Management Strategy** – The document titled *Local Water Management Strategy* (VDM Environmental, 2009. Issue No. 2, October 2009), or a later version of the document that has been revised due to requirements of relevant regulatory agencies.

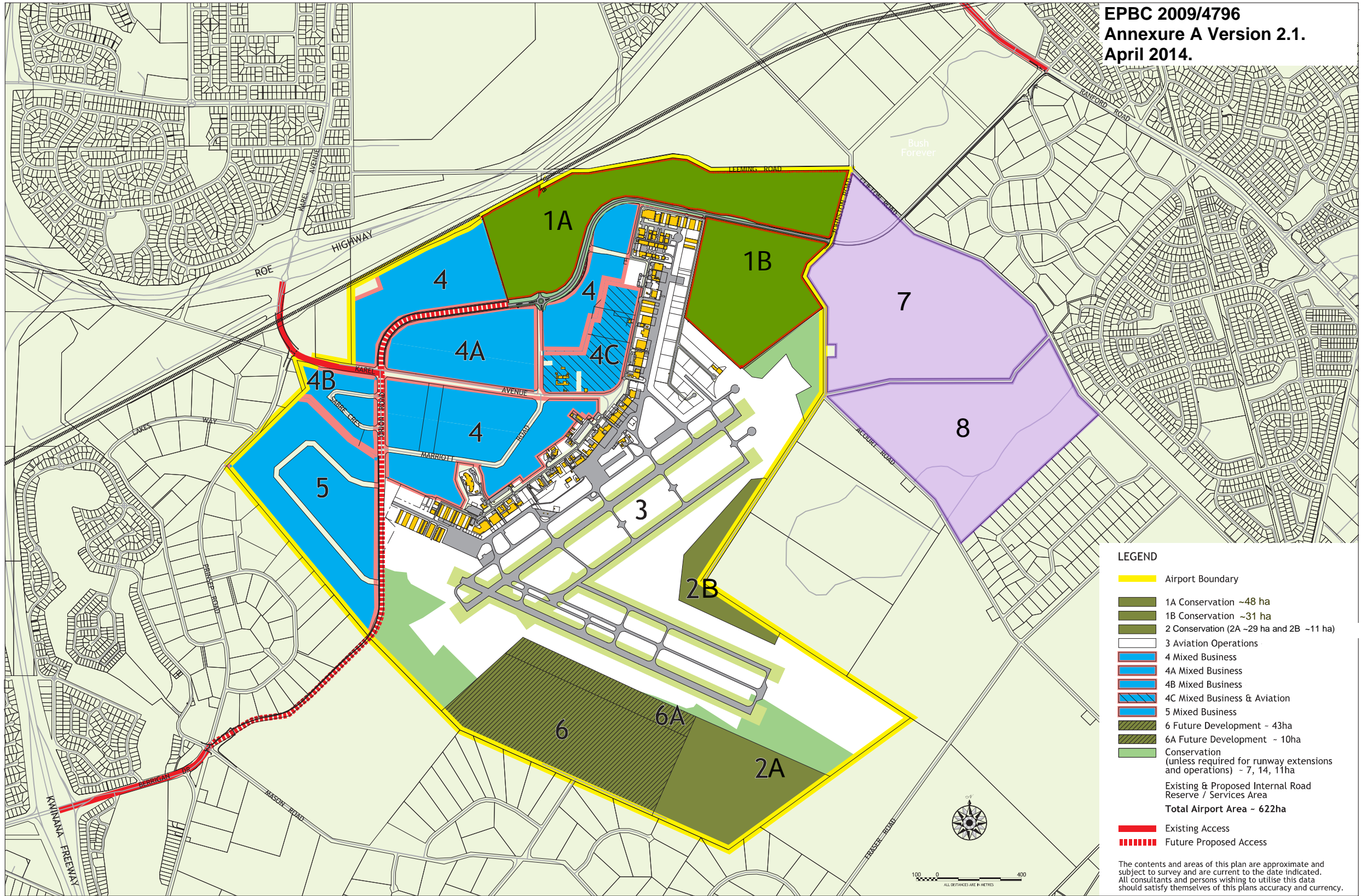
**Minister** - The Minister responsible for the administration of the *Environment Protection and Biodiversity Conservation Act 1999* and includes a delegate of the Minister.

**No Go Areas** – Areas identified within the Jandakot Airport Lease which requires protection from construction and temporary impacts including: the movement of construction vehicles and machinery, stockpiling and any actions that will degrade or damage grassland species.

**Substantial commencement** – The construction of any infrastructure, excluding fences and signage, associated with the proposed action.



EPBC 2009/4796  
Annexure A Version 2.1.  
April 2014.



LEGEND

- Airport Boundary
  - 1A Conservation ~48 ha
  - 1B Conservation ~31 ha
  - 2 Conservation (2A ~29 ha and 2B ~11 ha)
  - 3 Aviation Operations
  - 4 Mixed Business
  - 4A Mixed Business
  - 4B Mixed Business
  - 4C Mixed Business & Aviation
  - 5 Mixed Business
  - 6 Future Development - 43ha
  - 6A Future Development - 10ha
  - Conservation (unless required for runway extensions and operations) - 7, 14, 11ha
  - Existing Access
  - Future Proposed Access
- Existing & Proposed Internal Road Reserve / Services Area  
Total Airport Area - 622ha

The contents and areas of this plan are approximate and subject to survey and are current to the date indicated. All consultants and persons wishing to utilise this data should satisfy themselves of this plans accuracy and currency.

94522sam-141f Date:- 18/11/2009



**Australian Government**  
**Department of the Environment**

**VARIATION TO CONDITIONS ATTACHED TO APPROVAL**

Jandakot Airport Expansion, Commercial Development and Clearance of Native Vegetation, WA (EPBC 2009/4796)

This decision to vary a condition 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 Jandakot Airport Holdings Pty Ltd  
**ACN 081643156**

Approved action To construct a fourth runway and associated taxiways, runway extensions, and clear land for the development of aviation and commercial precincts as described in the Jandakot Airport Master Plan 2009, as described in the referral received on 17 March 2009 (EPBC 2009/4796)

**Variation**

Variation of conditions of approval The variation is:  
Delete conditions 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13 and Annexure A and B attached to the approval dated 25 March 2010 and substitute the conditions and Annexure A attached to this instrument.  
  
Add conditions 14, 15, 16, and 17 as specified in this instrument.  
  
Delete definitions for 'Construction' and 'Fauna Species' attached to the approval dated 25 March 2010 and substitute the definitions as specified in this instrument.  
  
Add new definitions as specified in this instrument.  
  
To provide clarity, all definitions for the approval are included 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  
Environment Assessment and Compliance Division

**Signature**

*S. Gaddes*

**Date of decision**

*8 April 2014*

## Conditions attached to the approval

1. The person taking the action must not clear more than 167 hectares of native vegetation within precincts 1B, 3, 4 and 5 on Jandakot Airport shown in Annexure A. For all **clearing** the following requirements must be met:

- a) Vegetation **clearing** must be undertaken in a staged manner, with **clearing** only to occur in areas in which project or non-project related construction will commence in the following 12 months.
- b) **Clearing** of remnant or regrowth native vegetation within precincts 1A, 1B, 2A and 2B shown at Annexure A is not permitted unless for the purpose of constructing the roads shown in Annexure A, or for establishing or managing firebreaks and emergency access tracks.
- c) **Clearing** for the establishment or management of firebreaks and emergency access tracks within precincts 1A, 1B, 2A and 2B shown at Annexure A may only be undertaken if:
  - i. the Conservation Management Plan required under condition 6 provides justification and detail for the locations and areas impacted by the firebreaks / emergency access tracks; and
  - ii. the Conservation Management Plan has been approved by the **Minister**.

*Note: Vegetation cleared for the maintenance or establishment of new firebreaks and emergency access tracks is excluded from the 167 hectare limit required under condition 1.*

2. The person taking the action must retain and manage precinct 6 for conservation until both of the following requirements have been fulfilled:

- a) the successful implementation of rehabilitation requirements under conditions 4 and 5 of this approval; and
- b) the referral and approval of any **clearing** activities on precinct 6 under the *Environment Protection and Biodiversity Conservation Act 1999* or subsequent environmental legislation administered by the **Minister**.

3. The person taking the action must conserve in perpetuity all land in precincts 1A, 1B, 2A and 2B shown at Annexure A, with the exception of that land required to construct the roads shown in Annexure A and **clearing** required for the establishment or management of firebreaks and emergency access tracks outlined in condition 1 and condition 6(d)v.

4. The person taking the action must develop and submit a Jandakot Airport Offset Plan which must include but not be limited to:

- a) The rehabilitation of precincts 7 and 8 shown at Annexure A must take place in accordance with condition 5 and with the consent of Canning City Council. Evidence of consent from Canning City Council must be provided.

*Note: As Canning City Council did not provide consent to condition 4(a) of this approval, condition 4(a), 5 and 6(b) are no longer active conditions. This note has been inserted for clarity during the variation of conditions process, April 2014.*

- b) If consent cannot be obtained from Canning City Council to rehabilitate precincts 7 and 8 as required under condition 4(a) by 30 June 2010, the person taking the action must provide to **DPaW** the sum of \$9.2 million and topsoil from the Jandakot Airport lease site for use in the rehabilitation and conservation of banksia woodland at an alternative site or sites. The areas to be rehabilitated or conserved must be within 45 kilometres of the Jandakot Airport lease site unless the **Minister** agrees to alternative siting. The transportation costs for the topsoil are to be paid for out of the \$9.2 million. The funding must be provided prior to the commencement of each clearing stage and in proportion to the area cleared.

- c) The acquisition and protection in perpetuity of a minimum of 1600 hectares of land containing Carnaby's Black-cockatoo (*Calyptorhynchus latirostris*) foraging habitat. The person taking the action must demonstrate that the proportion of the 1600 hectares of land that has been secured for protection, is not less than the proportion of the land to be cleared on Jandakot Airport each year, prior to that staged annual clearing occurring.
- d) Provide details of the future ownership, funding arrangements and management of the land to be used as the offset.
- e) Funding details, including research, on recovery actions for Carnaby's Black-cockatoo (*Calyptorhynchus latirostris*), for a minimum of \$150,000 per year, over five years.

The Jandakot Airport Offset Plan must be submitted to and approved by the **Minister** prior to **construction**. The approved Jandakot Airport Offset Plan must be implemented.

5. If Canning City Council agrees to the rehabilitation of precincts 7 and 8, as required under condition 4(a), then the person taking the action must develop and submit a Jandakot Airport Rehabilitation Strategy which must include but not be limited to:

- a) The Bushland Rehabilitation Proposal and Success Criteria report, July 2009.
- b) Management of precincts 7 and 8 for long term conservation values.

The Jandakot Airport Rehabilitation Strategy must be submitted to the **Minister** after 30 June 2010. The person taking the action cannot clear more than 42 hectares of remnant and regrowth vegetation for the proposed development until the Jandakot Airport Rehabilitation Strategy has been approved by the **Minister**. The Jandakot Airport Rehabilitation Strategy must be implemented.

6. The person taking the action must develop and submit a Conservation Management Plan to the **Minister**. The plan must include measures to manage remnant and regrowth vegetation and native **fauna species** and **flora species** in conservation areas, including but not limited to:

- a) Management of remnant and regrowth vegetation and native **fauna species** and **flora species** on the Jandakot Airport lease.
- b) If Canning City Council agrees to the rehabilitation of precincts 7 and 8, the management of remnant and regrowth vegetation and native **fauna species** and **flora species** in precincts 7 and 8.
- c) If Melville City Council agrees, the management of remnant and regrowth vegetation and native **fauna species** and **flora species** in Ken Hurst Park.
- d) Native vegetation management, including but not limited to:
  - i. Mapping of native vegetation, including type, condition and *Phytophthora cinnamomi* dieback infested areas;
  - ii. Environmentally significant areas and their protection;
  - iii. Monitoring regimes and survey methods;
  - iv. Thresholds for triggering further management intervention in response to condition 6(d)iii outputs;
  - v. Bushfire management including firebreaks and emergency access tracks;
  - vi. Weed control;
  - vii. *Phytophthora cinnamomi* dieback control;
  - viii. Rehabilitation and revegetation guidelines;
- e) Orchid management, including but not limited to:
  - i. Mapping of individual *Caladenia huegelii* and *Drakaea elastica* plants;
  - ii. Results of surveys and details of any current and future surveys;

- iii. Monitoring regimes and survey methods;
  - iv. Thresholds for triggering further management intervention in response to condition 6(e)ii and 6(e)iii outputs;
  - v. Grand Spider-orchid (*Caladenia huegelii*) management and translocation procedures;
  - vi. Details and funding arrangements for 'The Jandakot Rare Orchid Research Program: Integrated Conservation and Translocation of *Caladenia huegelii* – Key Concepts in the Development of an Integrated Conservation Program for Western Australian Caladenia' (Dixon and Swarts, undated);
  - vii. Justification of the road alignment through precinct 1B.
- f) Fauna management, including but not limited to:
- i. Mapping of Carnaby's Black-cockatoo (*Calyptorhynchus latirostris*), Forest Red-tailed Black-cockatoo (*Calyptorhynchus banksii naso*), Quenda (*Isoodon obesulus fusciventer*) and Western Brush Wallaby (*Macropus irma*) habitat and occurrence;
  - ii. Monitoring regimes and survey methods for Carnaby's Black-cockatoo (*Calyptorhynchus latirostris*), Forest Red-tailed Black-cockatoo (*Calyptorhynchus banksii naso*), Quenda (*Isoodon obesulus fusciventer*) and Western Brush Wallaby (*Macropus irma*);
  - iii. Thresholds for triggering further management intervention in response to condition 6(f)i and 6(f)ii outputs;
  - iv. Feral animal control measures for the protection of Quenda (*Isoodon obesulus fusciventer*) and Western Brush Wallaby (*Macropus irma*);
  - v. A fauna road crossing strategy to facilitate terrestrial fauna movement;
  - vi. A fencing strategy to facilitate terrestrial fauna movement;
  - vii. Management options for EPBC Act listed or WA priority fauna and flora species found on Jandakot Airport in the future which have not been identified as occurring on site.
- g) A strategy for public consultation and public participation in the management of the areas mentioned in condition 6(b) and 6(c).

The Conservation Management Plan must include a provision to provide an annual Compliance report to the **department** detailing progress against objectives and targets outlined in the Conservation Management Plan and in the Jandakot Airport Environment Strategy.

The Conservation Management Plan must be submitted and approved by the **Minister** before **construction** commences. The approved Conservation Management Plan must be implemented.

7. The person taking the action must develop and submit a Jandakot Groundwater Mound Management Plan which must include but not be limited to:

- a) Groundwater monitoring and reporting;
- b) Provision of groundwater monitoring reports to the Western Australian Department of Water and Water Corporation;
- c) Address all relevant measures included in the **Local Water Management Strategy**;
- d) Schedules for the independent audit of groundwater monitoring results and reports;
- e) Spill avoidance, management and rehabilitation measures and procedures;
- f) The introduction of a sewerage system;

The Jandakot Groundwater Mound Management Plan must be submitted within four (4) months of the date of this approval. **Construction** must not commence until the Jandakot Groundwater Mound Management Plan has been approved by the **Minister**. The approved Jandakot Groundwater Mound Management Plan must be implemented.

8. The person taking the action must develop and submit a Construction Environment Management Plan (CEMP) to the **Minister** for approval. The plan must include but not be limited to:

- a) Establishment and maintenance of fences and signage of “**no go areas**” in areas of priority and threatened species habitat;
- b) A landscaping vegetation schedule identifying plant species to be planted. Flora species to be planted must consist of Carnaby’s Black-cockatoo (*Calyptorhynchus latirostris*) foraging plant species;
- c) Identification and implementation of erosion and sedimentation control measures during and following **clearing**;
- d) Identification and implementation of dust control measures during and following **clearing**;
- e) Identification and implementation of appropriate weed and dieback hygiene measures;
- f) Induct clearing and construction workers and contractors about requirements to protect priority and threatened species in accordance with relevant legislation;
- g) Measures to reduce impacts on listed threatened species; and
- h) Indicative environmental management checklists to assist with monitoring the implementation of environmental management obligations during **construction** works.

Unless otherwise specified, the person taking the action must submit a report of performance against the requirements of the CEMP annually until final **construction** is completed.

The CEMP must be approved by the **Minister** before **construction** commences. The approved CEMP must be implemented.

9. The person taking the action must ensure that all Major Development Plan proposals are consistent with this *Environment Protection and Biodiversity Conservation Act 1999* approval.

10. The person taking the action must ensure that all Jandakot Airport Master Plan documents and all Jandakot Airport Environment Strategy documents are consistent with this *Environment Protection and Biodiversity Conservation Act 1999* approval.

11. If the **Minister** believes that it is necessary or desirable for the better protection of the environment, the **Minister** may request that the person taking the action make specified revisions to a plan or strategy approved pursuant to conditions 4, 5, 6, 7 and 8, and submit the revised plan or measure for the **Minister’s** approval. The person taking the action must comply with any such request. If the **Minister** approves a revised plan or measure pursuant to this condition, the person taking the action must implement that plan or measure instead of the plan or measure as originally approved.

12. If the person taking the action wishes to carry out any activity other than in accordance with a plan or strategy approved pursuant to conditions 4, 5, 6, 7 and 8 the person taking the action must submit for the **Minister’s** approval a request for revision of the plan. If the **Minister** approves the revised plan or measure so submitted, the person taking the action must implement that plan or measure instead of the plan or measure as originally approved.

13. If, at any time after 5 years from the date of this approval, the **Minister** notifies the person taking the action in writing that the **Minister** is not satisfied that there has been **substantial commencement** of the development, the development must not thereafter be commenced.

14. The person taking the action must maintain accurate records substantiating all activities associated with or relevant to the conditions of approval, including measures taken to implement

the management plans and strategies required by this approval and report upon management measures undertaken, 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.

**15.** 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**.

**16.** By 28 October of each year, commencing 2014, the person taking the action must publish an annual report on their website addressing the compliance with each of the conditions of this approval, including implementation of management plans required under the conditions. Documentary evidence providing proof of the date of publication and non-compliance with any of the conditions of this approval must be reported to the **Department** at the same time as the compliance report is published.

**17.** Unless otherwise agreed to in writing by the **Minister**, the person taking the action must publish all management plans and strategies required under conditions 4, 5, 6, 7 and 8 on their website. Each management plan must be published on the website within 1 month of being approved by the **Minister**. These online publications must remain on the website for the duration of the approval or until otherwise accepted in writing by the **Minister**.

#### **Definitions:**

Revised:

**Construction** – Any **clearing** or building works undertaken within precincts 1B, 3, 4 and 5, with the exception of the following:

- Removal or translocation of listed threatened orchids as outlined in 'The Jandakot Rare Orchid Research Program: Integrated Conservation and Translocation of *Caladenia huegelii* – Key Concepts in the Development of an Integrated Conservation Program for Western Australian *Caladenia*' (Dixon and Swarts, undated); and
- Activities associated with the development of required linear infrastructure (such as powerlines and sewage but excluding roads); and
- Other minor works approved by the **Minister**.

**Fauna Species** – Carnaby's Black-cockatoo (*Calyptorhynchus latirostris*), Forest Red-tailed Black-cockatoo (*Calyptorhynchus banksii naso*), Quenda (*Isodon obesulus fusciventer*) and Western Brush Wallaby (*Macropus irma*).

New:

**Clearing** - The cutting down, felling, thinning, logging, removing, killing, destroying, poisoning, ringbarking, uprooting or burning of native vegetation.

**Department** - The Australian Government Department administering the *Environment Protection and Biodiversity Conservation Act 1999*.

**DPaW** – The Western Australian Government's Department of Parks and Wildlife (or equivalent agency).

**Local Water Management Strategy** – The document titled *Local Water Management Strategy* (VDM Environmental, 2009. Issue No. 2, October 2009), or a later version of the document that has been revised due to requirements of relevant regulatory agencies.

Existing:

**Fragmentation** - The breaking up of a large intact area of a single vegetation or habitat type into smaller intact units.

**Minister** - The Minister responsible for the administration of the Environment Protection and Biodiversity Conservation Act 1999 and includes a delegate of the Minister.

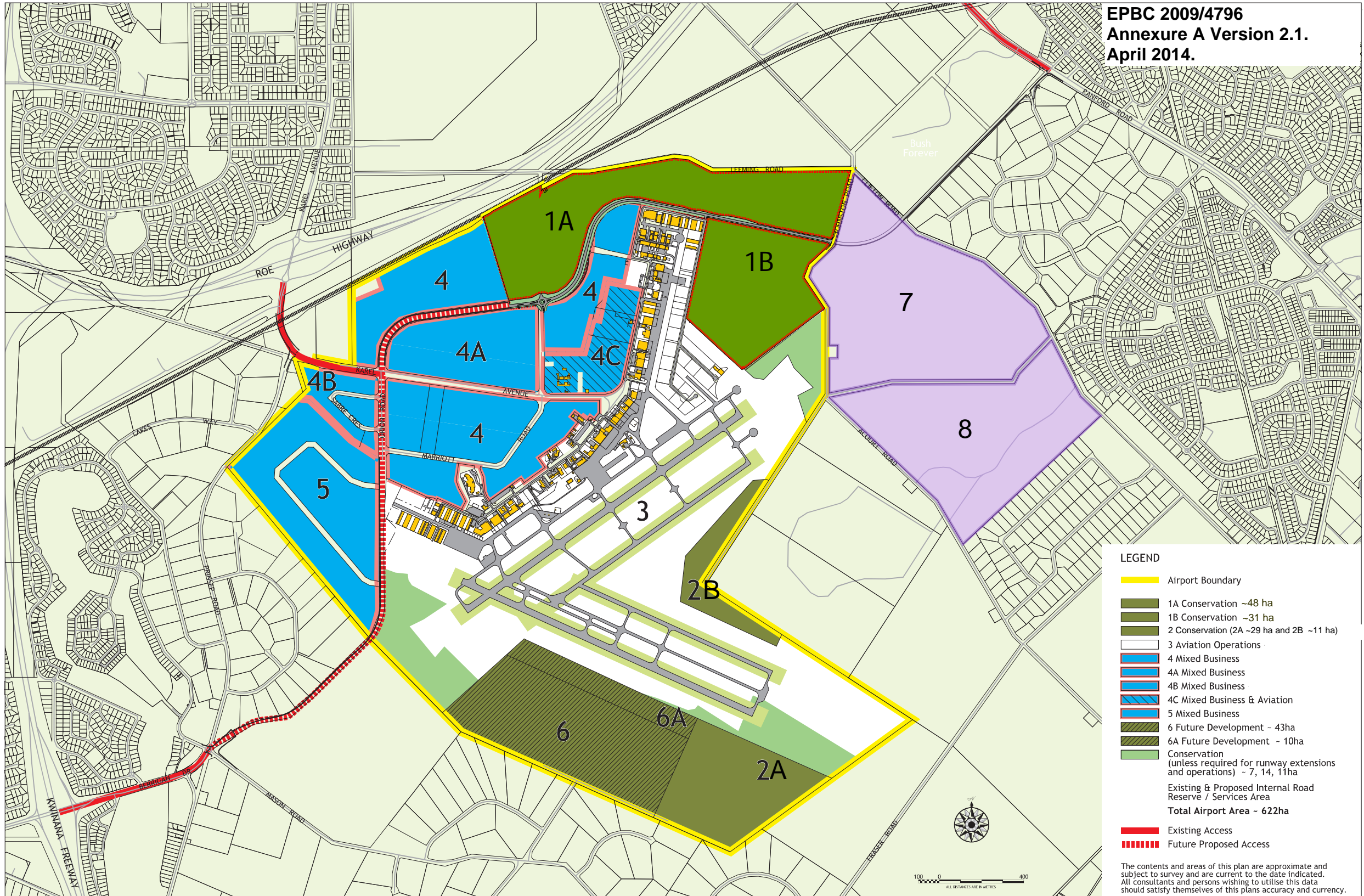
**No Go Areas** – Areas identified within the Jandakot Airport Lease which requires protection from construction and temporary impacts including: the movement of construction vehicles and machinery, stockpiling and any actions that will degrade or damage grassland species.

**Substantial commencement** – The construction of any infrastructure, excluding fences and signage, associated with the proposed action.

**Flora Species** – Grand Spider-orchid (*Caladenia huegelii*) and Glossy-leaved Hammer-orchid (*Drakaea elastica*).



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**LEGEND**

- Airport Boundary
- 1A Conservation ~48 ha
- 1B Conservation ~31 ha
- 2 Conservation (2A ~29 ha and 2B ~11 ha)
- 3 Aviation Operations
- 4 Mixed Business
- 4A Mixed Business
- 4B Mixed Business
- 4C Mixed Business & Aviation
- 5 Mixed Business
- 6 Future Development - 43ha
- 6A Future Development - 10ha
- Conservation (unless required for runway extensions and operations) - 7, 14, 11ha
- Existing Internal Road Reserve / Services Area
- Total Airport Area - 622ha**
- Existing Access
- Future Proposed Access

The contents and areas of this plan are approximate and subject to survey and are current to the date indicated. All consultants and persons wishing to utilise this data should satisfy themselves of this plans accuracy and currency.

94522sam-141f Date:- 18/11/2009