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Jindee Innovation Project

Annual Compliance Report EPBC Approval 2012/6631

Audit Period: 4 February 2016 to 3 February 2017

Prepared for
Estates Development Company
by Strategen

April 2017



Jindee Innovation Project

Annual Compliance Report EPBC Approval 2012/6631

Strategen is a trading name of
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April 2017

Limitations

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Client: Estates Development Company

| Report Version | Revision No. | Purpose | Strategen author/reviewer | Submitted to Client | |
|---------------------|--------------|-----------------------------|--------------------------------|---------------------|----------------------|
| | | | | Form | Date |
| Draft Report | A2 | Client Review | T. George / J. Mitchell | Electronic | 30 March 2017 |
| Final Report | 0 | Submit to Regulators | T. George / J. Mitchell | Electronic | 13 April 2017 |

Filename: EDC16019.01 R005 Rev 0 - 13 April 2017

Declaration of accuracy

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



Full name (please print)

James Blitz

Position (please print)

Project Manager

Organisation (please print including ABN/ACN if applicable)

Estates Development Company

Date

13, 04, 17

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1. Introduction

This report addresses the status of implementation of the 'Jindee Innovation Project' and level of compliance with the conditions in *Environmental Protection and Biodiversity Conservation Act 1999* (EPBC Act) approval 2012/6631 (EPBC 2012/6631) and the subdivision conditions relating to environmental management plans.

This report describes the results of an audit undertaken in order to assess the compliance/conformance status of approval conditions and condition management plans for the audit period 4 February 2016 to 3 February 2017

1.1 Project background

Westminster Estates Pty Ltd (Westminster) entered into an agreement in 2007 with the Western Australian Planning Commission (WAPC) and the City of Wanneroo to undertake an innovative urban development, known as the Jindee Innovation Project. The Jindee Innovation Project is located approximately 37 km north of Perth and 14 km north-west of the Joondalup City Centre, Western Australia, in the City of Wanneroo (CoW).

The development is on land owned by Westminster within Lot 9000 Marmion Avenue and has approximately 800 m frontage to the Indian Ocean. The project area covers a total area of 112.6 ha, including 6.9 ha of Parks and Recreation. The project was developed in consultation with the WAPC and the Environmental Protection Authority (EPA) with an objective to maximise the biodiversity protected on site.

1.2 Environmental approval to implement the project

The Jindee Innovation Project is managed by Westminster, represented by Estates Development Company (EDC), and the proposed action was to clear native vegetation on Lot 9036 and Part Lot 3054 Marmion Avenue (now Lot 9000), Jindalee, for development of a residential estate. The Project was referred to the Department of Environment and Energy ([DEE], previously known as Department of the Environment [DotE]) on 16 November 2012 and conditionally approved under EPBC 2012/6631 on 18 July 2013, under ss 130(1) and 133 of the EPBC Act. The development was determined to be a Controlled Action due to potential for significant impacts on listed threatened species and communities (Carnaby's Black Cockatoo).

Several variations to conditions of EPBC 2012/6631 have subsequently been approved by the Minister; on 21 July 2014, 7 April 2016 and 25 May 2016. A consolidated notice which includes all changes to the approval is in Appendix 1.

The action substantially commenced on 4 February 2015.

2. Project status

Activities undertaken during the audit period (4 February 2016 to 3 February 2017) included:

1. Variation to condition 5 of the approval on 7 April 2016. Condition 5 refers to carrying out activity that is not in accordance with the management plans, and submitting to the department for the Minister's approval a revised version of a management plan. Condition 5 was amended and Condition 5A, 5B and 5C were introduced.
2. Revocation of condition 6 of the approval on 7 April 2016. Condition 6 referred to making specified revisions to the management plans and submitting for the Minister's approval.
3. Variation to condition 9 of the approval on 7 April 2016. Condition 9 refers to clearing of black cockatoo habitat, distinguished by different coloured shading in Attachment A of the approval.
4. Variation to condition 12a of the approval on 7 April 2016. Condition 12 refers to preparation of a Clearing and Revegetation Management Plan (CRMP). The CRMP must include (Condition 12a) a commitment to the staged collection of native seed prior to clearing from areas defined in Attachment A. A minor error was identified in the varied condition and an amendment was subsequently approved on 25 May 2016.
5. Addition of condition 15 to the approval on 7 April 2016. Condition 15 refers to further offset required for loss of habitat for Carnaby's Black Cockatoo for the additional proposed clearing of 2 ha reconciled in the variation to condition 9.
6. A consolidated approval notice for EPBC 2012/6631 was issued by DEE on 25 May 2016.
7. A site visit was conducted by Strategen in February 2016 as part of the assessment for the first annual compliance report to DEE on 28 April 2016 for the audit period 4 February 2015 to 3 February 2016.
8. A submission requesting completion status for condition 11 on 6 September 2016. Condition 11 is concerned with granting two areas to the CoW for the purpose of conservation. The areas were transferred to the WAPC and the Certificates of Title were issued on 20 May 2016.
9. Clearing commenced for Stage 1 of the Project on 12 September 2016 (Figure 1).
10. A site visit was conducted by Strategen in October 2016 for the purpose of internal audit reporting.
11. Approval by the Minister of the revised Conservation Management Plan (CMP) and the Clearing and Revegetation Management Plan (CRMP) on 20 December 2016. Changes included:
 - a. Updates to Table 2 of the CMP and Table 1 of the CRMP stating new land identification information. Lots described in the proposal site defined in EPBC 2012/6631 have been changed as transfer of ownership of the Parks and Recreation to WAPC occurred in May 2016
 - b. Updates to Table 13 of the CMP and Table 7 of the CRMP to clarify long-term management of the Parks and Recreation Reserves after Westminster ceases responsibility
 - c. Removal of reference to natural living (T2) lots in the CMP and change in extent of cleared land (resulting in addition of condition 15 to the approval)
 - d. Updates to the CRMP to reflect the variation of condition 12a regarding the collection of native seed from areas to be cleared.
12. Clearing for the maintenance of the Quinns Main Sewer occurred in November 2016, works are to be undertaken by the Water Corporation.
13. Clearing for firebreaks on the northern and southern boundary occurred in November 2016.

Due to the change in lot identification numbers brought about by the transfer of ownership of the Parks and Recreation areas in May 2016, as required by condition 11, the proposal site lots defined in the approval are not the same as the lots described in the CMP and CRMP. However, the areas described in each of these documents are the identical. The CMP and the CRMP, with the change of lot identification numbers, were approved by the Minister in December 2016.

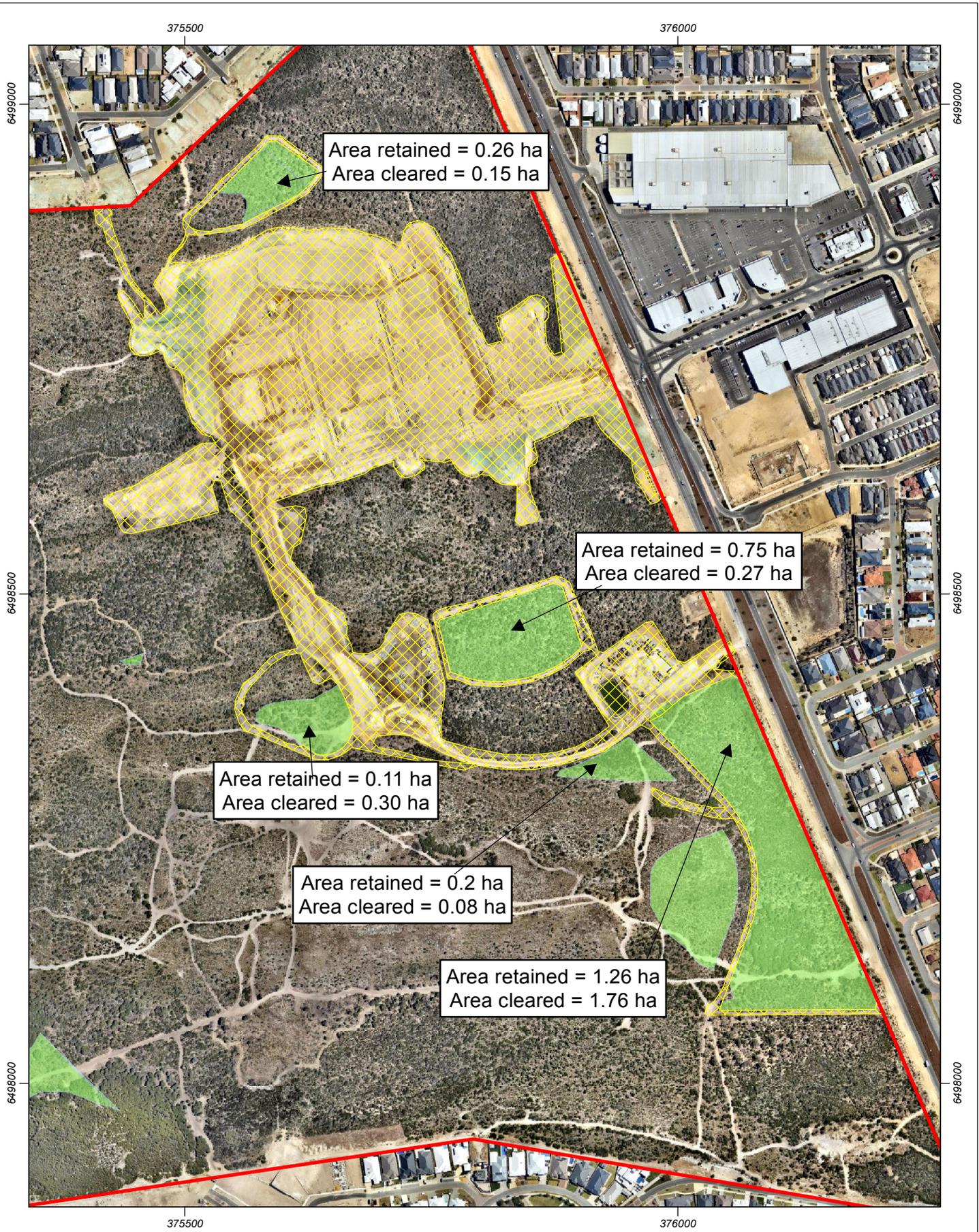


Figure 1: Cleared areas Jan 2016 - Jan 2017

Scale 1:5,250 at A4



Coordinate System: GDA 1994 MGA Zone 50
Note that positional errors may occur in some areas
Date: 11/04/2017

Author: DWhite

Source: Aerial image: Nearmap 01/2017. Concept plan: Client 2014.

Legend

Site boundary

Cleared area Feb 2016 - Jan 2017 (14.6 ha)

Vegetation to be retained

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ENVIRONMENTAL

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3. Audit methodology

3.1 Audit plan

3.1.1 Purpose and scope

This document has been prepared for Westminster (the approval holder) to fulfil the requirements of condition 3 of EPBC 2012/6631. Condition 3 requires the approval holder to publish an annual report for the previous twelve-month period, addressing compliance with each condition of EPBC 2012/6631; as follows:

'Within three months of every 12 month anniversary of the commencement of the action, the person taking the action must publish a report on their website addressing compliance with the conditions of approval over the previous 12 months, including implementation of the management plans as specified in the conditions. Documentary evidence providing proof of the date of publication must be provided to the department at the same time the compliance report is published. The approval holder must notify the department in writing of any non-compliance with conditions of this approval no later than two business days of becoming aware of the non-compliance.'

This Annual Compliance Report (ACR) addresses the audit period between 4 February 2016 and 3 February 2017 for the conditions of EPBC 2012/6631 and implementation of the CMP and CRMP, required by conditions 10 and 12 of EPBC 2012/6631 respectively.

3.1.2 Methodology

The findings of the voluntary internal audit undertaken between October and December 2016 have been used to assist in the preparation of this ACR. A site visit was conducted in October 2016 by Strategen to observe the Stage 1 clearing.

A second site visit was undertaken on 15 March 2017 by Strategen, which obtained further evidence for the period between December 2016 and the end of the audit period. Activities during the site visit involved consultation with key members of the persons taking the action (list in Table 1) and a review of documentation to support the annual audit.

Table 1: Persons consulted during the audit

| Person and position | Position | Organisation |
|------------------------------|--|-------------------------|
| James Blitz, Project Manager | Principal Representative | EDC |
| Jimmy Tharpe, Project Manger | Principal Representative | EDC |
| Mitchell Catlin | Site Superintendent for the contractor responsible for implementing the construction program | Wood & Grieve Engineers |
| Craig Robinson | Project Manager for the contractor undertaking the clearing and construction of the project | Wormall Civil |
| Paul Jenkyn | Site Supervisor for Wormall | Wormall Civil |

Monthly inspection checklists have been received from Wormall Civil since clearing of Stage 1 commenced in September 2016. The checklists provided detailed evidence regarding the implementation of the CMP and aspects of the CRMP.

Evidence for the audit was also obtained when Strategen consultants attended regular stakeholder meetings throughout the audit period.

3.2 Audit terminology

The 'Status' field of the audit tables (refer to Section 4) describes the implementation of actions and compliance with the approval. DEE issued Annual Compliance Report Guidelines in 2014 and terminology from this guidance was applied in this audit (Table 2).

Table 2: Action implementation status

| Status | Acronym | Description |
|-------------------------------|---------|---|
| Conditions of approval | | |
| Compliant | C | Sufficient evidence is required to confirm that all the requirements of a condition have been met, including the implementation of management plans or other measures required by those conditions. |
| Potentially non-compliant | PNC | The requirements of a condition or elements of a condition, including the implementation of management plans and other measures, have not been met. |
| Not applicable | NA | The requirements of a condition or elements of a condition fall outside of the scope of the current reporting period. For example a condition which applies to an activity that has not yet commenced. |
| Management Plans | | |
| Conformant | C | Sufficient evidence is required to confirm that the requirements of the procedures, programs and/or management actions detailed within an Environmental Management Plan or similar document have been satisfactorily met. |
| Potentially non-conformant | PNC | Considered to be any deviation from the procedures, programs and/or management actions detailed within an Environmental Management Plan or similar document. |
| Not applicable | NA | The requirements of a management action fall outside of the scope of the current reporting period. For example a condition which applies to an activity that has not yet commenced. |

Source: adapted from DotE (2014)

4. Audit results

The results of the audit of EPBC 2012/6631 are shown in Table 3. The results of the audit of conformance with the management actions contained within the CMP and CRMP are outlined in Appendix 2 and Appendix 3.

A total of 114 items were audited from EPBC 2012/6631, CMP and CRMP. This is a reduction from last year's compliance audit due to some requirements being removed from the revised management plans.

4.1 Compliance with conditions

Westminster is fully compliant with conditions of EPBC 2012/6631 (Table 3) during the audit period.

4.1.1 Conformance with the Conservation Management Plan

No potential non-conformances with the requirements of the CMP (Appendix 2) were identified during the audit.

4.1.2 Conformance with the Clearing and Revegetation Management Plan

No potential non-conformances with the requirements of the CRMP (Appendix 3) were identified during the audit.

Table 3: Compliance with conditions of EPBC 2012/6631

| Reference | Condition | Status | Comments / evidence |
|-----------|--|-----------------------|--|
| EPBC 1 | Within 30 days after the commencement of the action, the approval holder must advise the Department in writing of the actual date of commencement. | Compliant (Completed) | Commencement of the action occurred on 4 February 2015. Item assessed as Compliant (completed) during the previous audit period. |
| EPBC 2 | 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 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 1999, 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. | Compliant | Accurate records for all applicable conditions have been maintained and were available at the time of the audit (refer to other items in this table and appendices). |
| EPBC 3.1 | Within three months of every 12 month anniversary of the commencement of the action, the person taking the action must publish a report on their website addressing compliance with each of the conditions of this approval over the previous 12 months, including implementation of the management plans as specified in the conditions. | Compliant | The Annual Compliance Report was prepared and published on the Jindee website on 28 April 2016, within three months of the 12 month anniversary of commencement (4 February 2016). R_031_Strategen_Jindee Innovation Project Annual Compliance Report (EPBC 2012/6631)_11042016. C_027_Strategen_EPBC 2012/6631 Annual Compliance Report_28042016. |
| EPBC 3.2 | Documentary evidence providing proof of the date of publication must be provided to the Department at the same time as the compliance report is published. | Compliant | Documentary evidence of publication was submitted to DEE on 28 April 2016. DEE acknowledged receipt of the compliance report and found it satisfied the requirements of the approval. C_027_Strategen_EPBC 2012/6631 Annual Compliance Report_28042016. C_028_DotE_Annual Compliance Report, Jindee Innovation Project, Jindalee, WA EBC 2012/6631_12052016. |
| EPBC 3.3 | The approval holder must notify the department in writing of any non-compliance with any conditions of this approval no later than two business days of becoming aware of the non-compliance. | Compliant | No potential non-compliances were identified during the audit period. |
| EPBC 4.1 | 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. | Not applicable | Westminster was not directed to conduct an independent audit during the audit period. |
| EPBC 4.2 | The independent auditor must be approved by the Minister prior to the commencement of the audit. | Not applicable | Refer to EPBC 4.1. |
| EPBC 4.3 | Audit criteria must be agreed to by the Minister and the audit report must address the criteria to the satisfaction of the Minister. | Not applicable | Refer to EPBC 4.1. |

| Reference | Condition | Status | Comments / evidence |
|-----------|--|--------------------------|---|
| EPBC 5.1 | <p>The approval holder may choose to revise a management plan approved by the Minister under conditions 10 and 12 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 approval holder makes this choice they must:</p> <p>i. notify the Department in writing that the approved plan has been revised and provide the Department with an electronic copy of the revised plan;</p> <p>ii. implement the revised plan from the date that the plan is submitted to the Department; and</p> <p>iii. 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 likely have a new or increased impact.</p> | Compliant | <p>Condition 5 was varied on 7 April 2016.</p> <p>Westminster initially chose to revise the management plans without submitting them for approval in accordance with this condition on 23 August 2016 (C_032). DEE subsequently advised Westminster to resubmit the management plans for approval and this was undertaken on 27 September 2016 (C_033).</p> <p>Approval of the revised management plans was received from DEE on 20 December 2016 (C_081).</p> <p>C_032_Strategen_EPBC2012/6631_23082016.</p> <p>C_033_Strategen_EPBC 2012/6631 Submission of revised CMP and CRMP for approval_27092016.</p> <p>C_081_DEE Approval of revision to CMP and CRMP_20122016.</p> |
| EPBC 5.2 | 5A. The approval holder may revoke their choice under condition 5 at any time by notice to the Department. If the approval holder revokes the choice to implement a revised plan, without approval under section 143A of the Act, the plan approved by the Minister must be implemented. | Not applicable | <p>Condition 5A was added to the approval on 7 April 2016.</p> <p>The approved management plans are being implemented. Evidence is documented in Appendix 2 and Appendix 3.</p> |
| EPBC 5.3 | <p>5B. If the Minister gives a notice to the approval holder that the Minister is satisfied that the taking of the action in accordance with the revised plan would likely to have a new or increased impact, then:</p> <p>i. Condition 5 does not apply, or ceased to apply, in relation to the revised plan; and</p> <p>ii. The approval holder must implement the plan approved by the Minister.</p> <p>To avoid any doubt, this condition does not affect any operation of conditions 5 and 5A 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 5 does not apply for one or specified plans required under the approval.</p> | Not applicable | <p>Condition 5B was added to the approval on 7 April 2016</p> <p>Phone call from Timothy Kaminskis (DEE) received in September 2016 requesting Westminster to resubmit the revised management plans for approval, thus, this condition is not applicable.</p> <p>C_033_Strategen_EPBC 2012/6631 Submission of revised CMP and CRMP for approval_27092016.</p> |
| EPBC 5.4 | 5C. Conditions 5, 5A and 5B are not intended to limit the operation of section 143A of the EPBC Act which allows the approval holder to submit a revised plan to the Minister for approval. | Compliant | <p>Condition 5C was added to the approval on 7 April 2016.</p> <p>Revised management plans were submitted to the Minister for approval on 27 September 2016.</p> <p>C_033_Strategen_EPBC 2012/6631 Submission of revised CMP and CRMP for approval_27092016.</p> |
| EPBC 6 | Condition 6 was revoked on 7 April 2016. | | |
| EPBC 7 | Unless otherwise agreed to in writing by the Minister, the approval holder must publish the management plans referred to in these conditions of approval on their website. The management plans must be published on the website within 1 month of being approved by the Minister or being submitted under condition 5i. | Compliant | The re-approved CMP and CRMP are published on the Jindee website, and were published within the same month as being re-approved, accessed by the auditor in December 2016. |
| EPBC 8 | If, at any time after five (5) 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. | Compliant (Completed) | The action substantially commenced on 4 February 2015, within five years of the date of the approval. |

| Reference | Condition | Status | Comments / evidence |
|-----------|---|-----------|--|
| EPBC 9 | <p>To mitigate impacts to Carnaby's Black Cockatoo (<i>Calyptorhynchus latirostris</i>):</p> <p>a) At least 4.28 hectares of Carnaby's Black Cockatoo foraging habitat, must be retained and clearing of Carnaby's Black Cockatoo foraging habitat must not exceed 2.88 hectares within the areas shaded in green at Attachment A.</p> <p>b) clearing of Carnaby's Black Cockatoo habitat from those areas shaded blue at Attachment A, must not exceed 38.01 hectares.</p> <p>c) Total combined clearing of Carnaby's Black Cockatoo foraging habitat within both blue and green shaded areas at Attachment A must not exceed 40.89 hectares.</p> | Compliant | <p>14.6 ha of clearing was undertaken during the audit period associated with Stage 1 subdivision works, firebreaks and Quinns Main Sewer works.</p> <p>No habitat from areas shaded in green on Attachment A has been cleared during the audit period.</p> <p>Approximately 7.12 ha (of a maximum 38.01 ha) of Carnaby's Black Cockatoo foraging habitat from the areas shaded blue in Attachment A was cleared during the audit period.</p> <p>G_086 Cleared areas February 2016 – January 2017.</p> <p>G_087 Clearing in areas shaded blue – February 2017.</p> |
| EPBC 10.1 | <p>To protect and enhance habitat for Carnaby's Black-Cockatoo, the approval holder must prepare and submit a <i>Conservation Management Plan</i> (the plan) detailing management of habitat for Carnaby's Black Cockatoo that is to be retained on the proposal site, for the Minister's approval. The plan must include:</p> <p>a) measures to physically delineate areas that will be retained</p> <p>b) erosion and dust control measures during construction</p> <p>c) the management of weeds, Phytophthora dieback, bushfire and feral animals</p> <p>d) identification of any degraded habitat and how those areas will be managed</p> <p>e) a monitoring program for Carnaby's Black-Cockatoo and their habitat</p> <p>f) details of who will be responsible for the long -term management of the retained land, and how the land will be protected in the long-term</p> <p>g) a commitment to fund all management actions in the two Parks and Recreation areas within the site boundary marked in green at Attachment B until the management of those areas is handed over to another party, including the amount of funding that will be allocated to these management actions</p> <p>h) performance indicators and corrective actions</p> <p>i) roles and responsibilities; and</p> <p>j) timeframes for the implementation of the above measures.</p> | Compliant | <p>The CMP was revised and re-approved by a delegate of the Minister (DEE) on 20 December 2016 and contains the commitments specified.</p> <p>C_081_DEE Approval of revision to CMP and CRMP_20122016.</p> |
| EPBC 10.2 | <p>If the Minister approves the plan, the approved plan must be implemented.</p> | Compliant | <p>The CMP was re-approved by a delegate of the Minister on 20 December 2016. The key actions of the CMP were assessed during this audit period and it was found that the CMP is being implemented.</p> <p>Of the 46 key actions:</p> <ul style="list-style-type: none"> • 19 were conformant • 27 were not applicable at time of audit. <p>Refer to Appendix 2 for further details.</p> |

| Reference | Condition | Status | Comments / evidence |
|-----------|--|--------------------------|--|
| EPBC 11 | <p>Within 5 years of the substantial commencement of the action, the approval holder must provide the department with written evidence that the two green areas of Parks and Recreation within the site boundary at <u>Attachment B</u>, have been granted to the City of Wanneroo for the purpose of conservation.</p> | Compliant (Completed) | <p>EDC submitted evidence to DEE on 6 September 2016 to demonstrate the areas in Attachment B were transferred to the Western Australian Planning Commission and the Certificates of Title were issued on 20 May 2016. This has been conducted within 5 years of substantial commencement.</p> <p>Strategen (on behalf of Westminster) requested completion of the condition (C_037). A response from DEE is yet to be received.</p> <p>C_037_Strategen_EPBC 2012/6631 Jindee Estate - Condition 11 compliance_06092016</p> |
| EPBC 12.1 | <p>To mitigate impacts to Carnaby's Black Cockatoo, approval holder must prepare and submit a <i>Clearing and Revegetation Management Plan</i> for the Minister's approval. The plan must include:</p> <p>a) a commitment to the staged collection of native seed prior to clearing from the shaded as per <u>Attachment A</u> for use in revegetation;</p> <p>b) a commitment to store native seed and either use it on-site for revegetation or transport it to a seed bank or receiving site(s) where revegetation is being undertaken by the WA DPaW or another receiving party (or parties);</p> <p>c) detailed protocols for collection and use of native seed required by condition 12 (a) and 12 (b) including:</p> <p>i. the optimal methodology for native seed collection from the proposal site;</p> <p>ii. how clearing will be staged to best harvest utilise the native seed resource for revegetation;</p> <p>iii. how native seed will be stored and transported; and</p> <p>v. onsite supervision and implementation monitoring mechanisms.</p> <p>d) a commitment for at least 50% of planting of trees and shrubs on the proposal site to consist of plants known to be primary feeding plants for Carnaby's Black Cockatoo. Site selection for replanting must take account of any risk of vehicle strike to Carnaby's Black Cockatoos.</p> | Compliant | <p>Condition 12a was varied on 7 April 2016.</p> <p>The CRMP was originally approved on 21 July 2014.</p> <p>C_008_DotE_Jindee Innovation Project, Jindalee, WA_21072014.</p> <p>The CRMP was updated and re-approved by a delegate of the Minister on 20 December 2016 and contains the commitments as required.</p> <p>Table 1 of the revised CRMP updates the land identification information. Lots described in the proposal site defined in EPBC 2012/6631 have been changed as transfer of ownership of the Parks and Recreation to WAPC occurred in May 2016.</p> <p>C_081_DEE Approval of revision to CMP and CRMP_20122016.</p> |
| EPBC 12.2 | <p>If the Minister approves the plan, then the approved plan must be implemented.</p> | Compliant | <p>Refer to EPBC 12.1.</p> <p>The CRMP was re-approved by a delegate of the Minister on 20 December 2016. The key actions of the CRMP were assessed during this audit period and it was found that the CRMP is being implemented. Of the 41 key actions:</p> <ul style="list-style-type: none"> • five were conformant • 36 were not applicable at time of audit. <p>Refer to <u>Appendix 3</u> for further details.</p> |

| Reference | Condition | Status | Comments / evidence |
|-----------|--|--------------------------|--|
| EPBC 13 | The person taking the action must not undertake any clearing of habitat for Carnaby's Black Cockatoo on the proposal site unless: a) the <i>Conservation Management Plan</i> required under condition 10 has been approved by the Minister; and b) the <i>Clearing and Revegetation Management Plan</i> required under condition 12 has been approved by the Minister. | Compliant (Completed) | Item assessed as Compliant (completed) during the previous audit period. CMP and CRMP were initially approved by delegate of the Minister for the Environment on the 21 July 2014 (C_008) prior to clearing of habitat on 4 February 2015. |
| EPBC 14.1 | To offset the loss of habitat for Carnaby's Black Cockatoo, prior to the commencement of construction, the person taking the action must provide the Department with written evidence of the provision of funds to WA DPaW for the acquisition of the offset property on Lot 24, Mimegarra Road, Lancelin, WA (Attachment C). | Compliant (Completed) | Item assessed as Compliant (completed) during the previous audit period. Strategen, on behalf of Westminster, provided the DEE with written evidence of the provision of the required funds to WA Department of Parks and Wildlife (DPaW) on 6 January 2015 (C_012), prior to construction commencing. |
| EPBC 14.2 | The written evidence must be accompanied with the offset attributes and shapefile. | Compliant (Completed) | Item assessed as Compliant (completed) during the previous audit period. |
| EPBC 15 | To offset the loss of habitat for Carnaby's Black Cockatoo, the approval holder must provide the Department with written evidence of the provision of funds to WA DPaW to acquire 34 hectares of Carnaby's Black Cockatoo habitat (the additional offset). The written evidence along with the offsets attributes and Shapefile must be provided to the Department prior to undertaking the clearing of 2.88 hectares mentioned in condition 9(a). | Compliant (Completed) | This condition was added to the approval on 7 April 2016. Written evidence of provision of funds to WA DPaW along with offsets attributes and Shapefile were provided to DEE on 2 June 2016 prior to any clearing of 2.88 ha of Carnaby's Black Cockatoo habitat referred to condition 9(a). C_030_Strategen_EPBC 2012/6631 Jindee condition 15 - offset requirements_02062016. |

5. New environmental risks

Since clearing commenced for Stage 1 of the Project there have been no new environmental risks identified during the audit period, for example:

- no new pests or diseases
- no evidence that the groundwater levels have changed
- no unexpected erosion
- no new unexpected impacts from trespassers.

The management plans defined in EPBC Approval 2012/6631 were revised during the audit period and re-approved by a delegate of the Minister on 20 December 2016. The applicable requirements in the management plans are being implemented (Appendix 2 and Appendix 3).

6. References

Department of the Environment (DotE) 2014, *Annual Compliance Report Guidelines*, Commonwealth of Australia, Canberra.

Appendix 1
EPBC Approval 2012/6631



CONSOLIDATED APPROVAL NOTICE

Jindee Innovation Project, Jindalee, WA (EPBC 2012/6631)

The attached notice (Attachment A) is provided to consolidate the approval conditions for the above project, approved on 18 July 2013. The approval conditions were subject to variation on the date of this consolidated notice and on 7 April 2016 and 21 July 2014 during the post approval phase. These decisions are publicly available on the Department's website at <http://epbcnotices.environment.gov.au/publicnoticesreferrals/>

The publication of this notice does not alter the dates of: effect for the approval; the variations to conditions; the expiry date of the approval; or any other dates mentioned in conditions. The consolidated approval notice is for ease of reference only.

Name and position

S. Gaddes

Shane Gaddes
Assistant Secretary
Compliance and Enforcement Branch

Date of Consolidated Approval Notice

25 / 05 / 2016



Approval

Jindee Innovation Project, Jindalee, WA (EPBC 2012/6631)

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 Westminster Estates Pty Ltd

proponent's ACN ABN: 48 008 675 081

proposed action To clear native vegetation on Lot 9036 and Part Lot 3054 Marmion Avenue, Jindalee, WA, for development of a residential estate [See EPBC Act referral 2012/6631].

Approval decision

| Controlling Provision | Decision |
|---|----------|
| Listed threatened species and communities (sections 18 & 18A) | Approved |

conditions of approval

This approval is subject to the conditions specified below.

expiry date of approval

This approval has effect until 31 December 2033

Decision-maker

name and position Barbara Jones
Assistant Secretary
North, West and Offshore Assessment Branch

signature SIGNED

date of decision 18 July 2013



Conditions attached to the approval

1. Within 30 days after the **commencement** of the action, the approval holder must advise the **Department** in writing of the actual date of **commencement**.
2. The approval holder must maintain accurate records substantiating all activities associated with or relevant to the conditions of approval, including measures taken to implement the management plans required by this approval, and make them available upon request to the **Department**. Such records may be subject to audit by the **Department** or an independent auditor in accordance with section 458 of the EPBC Act, or used to verify compliance with the conditions of approval. Summaries of audits will be posted on the **Department's** website. The results of audits may also be publicised through the general media.
3. Within three months of every 12 month anniversary of the **commencement** of the action, the approval holder must publish a report on their website addressing compliance with the conditions of approval over the previous 12 months, including implementation of the management plans as specified in the conditions. Documentary evidence providing proof of the date of publication must be provided to the **Department** at the same time the compliance report is published. The approval holder must notify the **Department** in writing of any non-compliance with any conditions of this approval no later than two business days of becoming aware of the non-compliance.
4. 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**.
5. The approval holder may choose to revise a management plan approved by the **Minister** under conditions 10 and 12 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 approval holder makes this choice they must:
 - i. notify the **Department** in writing that the approved plan has been revised and provide the **Department** with an electronic copy of the revised plan;
 - ii. implement the revised plan from the date that the plan is submitted to the **Department**; and
 - iii. 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**.
- 5A. The approval holder may revoke their choice under condition 5 at any time by notice to the **Department**. If the approval holder revokes the choice to implement a revised plan, without approval under section 143A of the Act, the plan approved by the **Minister** must be implemented.
- 5B. If the **Minister** gives a notice to the approval holder 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:
 - i. Condition 5 does not apply, or ceases to apply, in relation to the revised plan; and
 - ii. The approval holder must implement the plan approved by the **Minister**.

To avoid any doubt, this condition does not affect any operation of conditions 5 and 5A in the period before the day the notice is given.

At the time of giving the notice the **Minister** may also notify that for a specified period of time that condition 5 does not apply for one or more specified plans required under the approval.

5C. Conditions 5, 5A and 5B are not intended to limit the operation of section 143A of the EPBC Act which allows the approval holder to submit a revised plan to the **Minister** for approval.

6. Note: Condition 6 was revoked on 7 April 2016.

7. Unless otherwise agreed to in writing by the **Minister**, the approval holder must publish the management plans referred to in these conditions of approval on their website. The management plans must be published on the website within 1 month of being approved by the **Minister** or being submitted under condition 5i.

8. If, at any time after five (5) years from the date of this approval, the approval holder has not substantially commenced the action, then the approval holder must not substantially commence this action without the written agreement of the **Minister**.

Note: The date in condition 8 refers to the date of the approval decision (18 July 2013).

9. To mitigate impacts to Carnaby's Black Cockatoo (*Calyptorhynchus latirostris*):

(a) At least 4.28 hectares of Carnaby's Black Cockatoo foraging habitat, must be retained and **clearing** of Carnaby's Black Cockatoo foraging habitat must not exceed 2.88 hectares within the areas shaded in green at Attachment A;

(b) **clearing** of Carnaby's Black Cockatoo habitat from those areas shaded blue at Attachment A, must not exceed 38.01 hectares; and

(c) total combined **clearing** of Carnaby's Black Cockatoo foraging habitat within both blue and green shaded areas at Attachment A must not exceed 40.89 hectares.

10. To protect and enhance habitat for Carnaby's Black Cockatoo, the approval holder must prepare and submit a *Conservation Management Plan* (the plan) detailing management of habitat for Carnaby's Black Cockatoo that is to be retained on the **proposal site**, for the **Minister's** approval. The plan must include:

(a) measures to physically delineate areas that will be retained;

(b) erosion and dust control measures during **construction**;

(c) the management of weeds, *Phytophthora* dieback, bushfire and feral animals;

(d) identification of any degraded habitat and how those areas will be managed;

(e) a monitoring program for Carnaby's Black Cockatoo and their habitat;

(f) details of who will be responsible for the long-term management of the retained land, and how the land will be protected in the long-term;

(g) a commitment to fund all management actions in the two Parks and Recreation areas within the site boundary marked in green at Attachment B until the

management of those areas is handed over to another party, including the amount of funding that will be allocated to these management actions;

(h) performance indicators and corrective actions;

(i) roles and responsibilities; and

(j) timeframes for the implementation of the above measures.

If the **Minister** approves the plan, the approved plan must be implemented.

11. Within 5 years of the **substantial commencement** of the action, the approval holder must provide the **Department** with written evidence that the two green areas of Parks and Recreation within the site boundary at Attachment B, have been granted to the City of Wanneroo for the purpose of conservation.
12. To mitigate impacts to Carnaby's Black Cockatoo, the approval holder must prepare and submit a *Clearing and Revegetation Management Plan* for the **Minister's** approval. The plan must include:
 - (a) a commitment to the staged collection of native seed prior to **clearing** from the shaded areas as per Attachment A for use in **revegetation**;
 - (b) a commitment to store native seed and either use it on-site for **revegetation** or transport it to a seed bank or receiving site(s) where **revegetation** is being undertaken by **WA DPaW** or another receiving party (or parties);
 - (c) detailed protocols for staged collection and use of native seed required by conditions 12(a) and 12(b) including:
 - i. the optimal methodology for native seed collection from the **proposal site**;
 - ii. how clearing will be staged to best harvest utilise the native seed resource for **revegetation**;
 - iii. how native seed will be stored and transported; and
 - iv. onsite supervision and implementation monitoring mechanisms.
 - (d) a commitment for at least 50% of plantings of trees and shrubs on the **proposal site** to consist of plants known to be **primary feeding plants** for Carnaby's Black Cockatoo. Site selection for replanting must take account of any risk of vehicle strike to Carnaby's Black Cockatoos.

If the **Minister** approves the plan, then the approved plan must be implemented.

13. The approval holder must not undertake any **clearing** of habitat for Carnaby's Black Cockatoo on the **proposal site** unless:
 - (a) the *Conservation Management Plan* required under condition 10 has been approved by the **Minister**; and
 - (b) the *Clearing and Revegetation Management Plan* required under condition 12 has been approved by the **Minister**.
14. To offset the loss of habitat for Carnaby's Black Cockatoo, prior to the **commencement of construction**, the approval holder must provide the **Department** with written evidence of the provision of funds to **WA DPaW** for the acquisition of the **offset property** on Lot 24, Mimegarra Road, Lancelin, WA (Attachment C). The written evidence must be accompanied with the **offset attributes** and **Shapefile**.
15. To offset the additional loss of habitat for Carnaby's Black Cockatoo, the approval holder must provide the **Department** with written evidence of the provision of funds to **WA DPaW** to acquire 34 hectares of Carnaby's Black Cockatoo habitat (the **additional offset**). The written evidence along with the **offset attributes** and **Shapefile** must be provided to the **Department** prior to undertaking the **clearing** of 2.88 hectares mentioned in condition 9(a).

Definitions:

Additional offset is a property (or part of a property) totalling 34 or more hectares of Carnaby's Black Cockatoo habitat purchased by **WA DPaW** on behalf of the approval holder, which will be maintained for conservation by **WA DPaW**.

Clearing is defined as the cutting down, felling, thinning, logging, removing, killing, destroying, poisoning, ringbarking, uprooting or burning of native vegetation.

Commencement includes **clearing** and any preparatory works required to be undertaken including clearing vegetation, the erection of any fences, signage or on-site temporary structures and the use of construction or excavation equipment on site for the purpose of breaking the ground for buildings, infrastructure or resource extraction.

Construction includes any preparatory works required to be undertaken including clearing vegetation, the erection of any on-site temporary structures and the use of heavy duty equipment for the purpose of breaking the ground for buildings or infrastructure.

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

EPBC Act is the *Environment Protection and Biodiversity Conservation Act 1999*.

Minister is the minister administering the *Environment Protection and Biodiversity Conservation Act 1999* and includes a delegate of the **Minister**.

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**.

Offset attributes must be in the form of an excel file (.xls) 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.

Offset property is the property that is no less than 635 ha in size (identified as the 'Carnaby's offset site at Attachment C) that will be purchased by the approval holder and will be maintained for conservation by the **WA DPaW** on behalf of the approval holder. The offset property is Lot 24 (on Deposited Plan 75789) on Mimegarra Road, 27 kilometres north-east of Lancelin, Western Australia.

Primary feeding plants for Carnaby's Black Cockatoo include: any Banksia sp., any plants identified in a search of the WA DER's website using the Plants for Carnaby's Search Tool or other plants approved in writing by the Department.

Proposal site is Lot 9036 and Part Lot 3054 Marmion Avenue, shown as the 'site boundary' in Attachment A.

Revegetation is the removal of weeds and the long-term establishment of native vegetation.

Shapefile 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. Attributes should also be captured in '.xls' format.

Substantial commencement is when 1 hectare of land on the proposal site has been impacted by clearing or construction.

WA DPaW is the Western Australian Department of Parks and Wildlife (or equivalent agency).



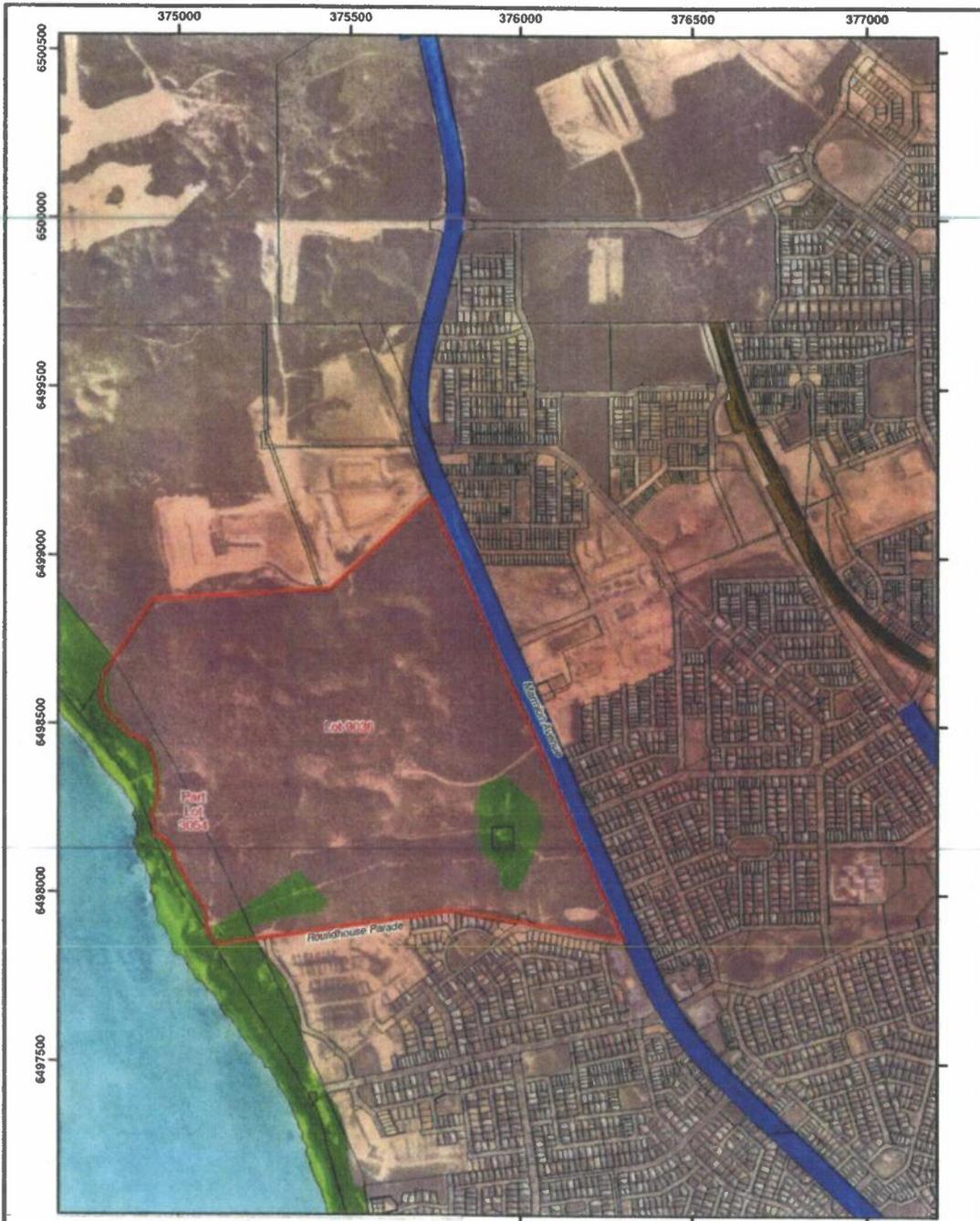
Attachment A

Scale: 1:9,000 at A4
 0 50 100 150 200 250 m
 Coordinate System: GDA 1994 MGA Zone 50
 Note that positional errors may occur in some areas
 Date: 1/02/2016
 Author: DWhite
 Source: Aerial image: Nearmap 2012. Concept plan: Client 2014.

Legend

- Site boundary
- Subdivision layout
- Potential foraging habitat for Camaby's Black Cockatoo to be cleared (38.01 ha)
- Potential foraging habitat for Camaby's Black Cockatoo to be retained and cleared in POS/ROS (minimum total area retained 4.28 ha; maximum total area cleared 2.88 ha)





Attachment B



1:15,000
of A4

Coordinate System: GDA 1994 MGA Zone 50
Date: 19/10/2012
Author: R. Arulo

Source: Topography: Geoscience Australia 2006, MKS: DPI 2012.
Cadastral: Online SIB Database, Landgate 09/2012.
Note: that positional errors may occur in some areas

| Legend | |
|----------------------------|----------------------|
| | Site boundary |
| Metropolitan Region Scheme | |
| | Urban |
| | Other Regional Roads |
| | Parks and Recreation |
| | Railways |
| | Waterways |
| | Cadastral boundaries |

Path: G:\GRV\Consolid\2012\19-10-12\12133_01\SiteMap_startments\601\Rev8\12133_01_1001_Rev8_1005.mxd



Attachment C - Location of offset site (635 ha within Lot 24)

Scale 1:30,000 at A4
 0 150 300 450 600 750 m



Coordinate System: GDA 1994 MGA Zone 50
 Note that positional errors may occur in some areas
 Date: 19/06/2014
 Author: JCrute
 Source: Aerial image: Landgate, flown 27/02/2012, downloaded 02/2013.

Legend

-  Carnaby's offset site
-  Lot 24 Mimgarra Road (1000 ha)



Appendix 2
Conservation Management Plan Audit
Findings

Conservation Management Plan Audit Findings

| Reference | Action | Timing | Audit finding | Comments / evidence |
|-----------|---|--|---------------|---|
| CMP 1 | <p>Section 3.1</p> <p>Westminster will implement works funded to the order of \$393 000 (excl GST), as agreed by the WAPC to implement all relevant management actions in the two Parks and Recreation Reserves (A and B), until the management of those areas is handed over to another party, which is mostly likely to be the WAPC.</p> | During construction | Conformant | Works in the Parks and Recreation Reserves have not yet commenced and are not yet required. |
| CMP 2 | <p>Section 3.1</p> <p>The reserves will be handed over within 5 years of substantial commencement of the action, which will occur when land titles are created through the subdivision process administered by the WAPC.</p> | Within 5 years of commencement date (by 4 February 2020) when land titles are created. | Conformant | A land exchange was completed in 2016 which transferred the ownership of the Parks and Recreation Reserves to WAPC (C_037). Certificate of titles for the Parks and Recreation Reserves, were issued in May 2016. C_103_WAPC_28112016. |
| CMP 3 | <p>Section 3.1</p> <p>The works to be undertaken by Westminster are outlined in Appendix 2, and will include:</p> <ul style="list-style-type: none"> • fire management • installation of appropriate barriers to prevent pedestrian access such as fencing and access gates to dunes • installation of public amenities (i.e. pathways and observation deck) • infill planting/seeding and weed control of areas to be revegetated as per the Clearing and Revegetation Management Plan and Table 3. | During construction | Conformant | Works in the Parks and Recreation Reserves have not yet commenced and are not yet required. |
| CMP 4 | <p>Table 3 - Management measures for the Parks and Recreation reserves</p> <p>Carnaby's Cockatoo habitat being retained will be delineated by survey along clearing boundaries and protected by the installation of temporary fencing or survey pegs and flagging tape.</p> | Prior to clearing | Conformant | Works in the Parks and Recreation Reserves have not yet commenced and are not yet required. |
| CMP 5 | <p>Table 3 - Management measures for the Parks and Recreation reserves</p> <p>GPS co-ordinates of areas approved to be cleared and those required to be retained will be provided to the contractor to ensure no unapproved clearing is undertaken.</p> | Prior to clearing | Conformant | Strategen provided GIS data for Attachment A of the approval (C_039) to WGE in May 2016 which shows the areas to be retained. C_039_Strategen_RE: Jindee Construction contractor requirements memo_15052016. |
| CMP 6 | <p>Table 3 - Management measures for the Parks and Recreation reserves</p> <p>Appropriate barriers to prevent pedestrian access such as fencing will be installed around the perimeter of the Parks and Recreation Reserves.</p> | During construction | Conformant | Works in the Parks and Recreation Reserves have not yet commenced and are not yet required. |

| Reference | Action | Timing | Audit finding | Comments / evidence |
|-----------|--|----------------------------------|----------------|---|
| CMP 7 | Table 3 - Management measures for the Parks and Recreation reserves Access point in the form of a single gate will be installed at strategic locations in the Parks and Recreation Reserves. | During construction | Conformant | Works in the Parks and Recreation Reserves have not yet commenced and are not yet required. |
| CMP 8 | Table 3 - Management measures for the Parks and Recreation reserves Stabilised gravel path, limestone bollards and an observation deck will be installed within the Parks and Recreation Reserve to ensure controlled public use. | During construction | Not applicable | These works are yet to commence. |
| CMP 9 | Table 3 - Management measures for the Parks and Recreation reserves Gravel fire access tracks will be constructed in accordance with the Fire Management Plan. | During construction | Not applicable | These works are yet to commence. |
| CMP 10 | Table 3 - Management measures for the Parks and Recreation reserves Firebreak creation, maintenance, removal of dead branches, and general fire prevention activities will be undertaken as recommended in the Fire Management Plan*. Note: Avoid disturbance of any Carnaby's Cockatoo habitat in Parks and Recreation areas for the purpose of firebreak creation. | Ongoing | Not applicable | These works are yet to commence. |
| CMP 11 | <i>Removed.</i> | <i>Removed</i> | Not applicable | This action was removed from the revised CMP. C_089 Revised CMP_Rev 4_2016121. |
| CMP 12 | Table 3 - Management measures for the Parks and Recreation reserves Determine appropriate method and timing of weed control in consultation with a suitably qualified specialist, based on monitoring results as described in the CRMP. | As per CRMP | Not applicable | This action refers to the degraded areas within the Parks and Recreation areas that are not proposed to be used for pathways and infrastructure. Revegetation of these areas and weed control will be conducted after construction of pathways and infrastructure. Construction is yet to commence. Note: Initial monitoring for % weed cover scheduled for "during construction" in the CRMP (refer to CRMP 9). Construction in the vicinity of the Parks and Recreation Reserves is yet to commence. |
| CMP 13 | Table 3 - Management measures for the Parks and Recreation reserves Implement weed control. | As determined by CMP 12 and CRMP | Not applicable | Refer to CMP 12. |
| CMP 14 | Table 3 - Management measures for the Parks and Recreation reserves Monitor weed control results and implement further control if required as described in the CRMP. | As determined by CMP 12 | Not applicable | Refer to CMP 12. |

| Reference | Action | Timing | Audit finding | Comments / evidence |
|-----------|--|--|----------------|--|
| CMP 15 | <p>Table 3 - Management measures for the Parks and Recreation reserves</p> <p>All vehicles, machinery and equipment will be free of mud and soil.</p> | When entering Parks and Recreation areas | Conformant | <p>Vehicles, machinery and equipment were subject to weed and seed checks during the audit period.</p> <p>P_092_Strategen_15032017.</p> |
| CMP 16 | <p>Table 3 - Management measures for the Parks and Recreation reserves</p> <p>Engage a qualified and licensed subcontractor, if necessary to undertake pest fauna control/removal appropriate to the species detected, based on monitoring described in CRMP.</p> | On advice of qualified subcontractor | Not applicable | <p>Monitoring for presence of feral animal scheduled “after planting/direct seeding (September–October)” in CRMP (refer to CRMP 36). Planting and/or seeding not yet commenced.</p> <p>However, a fox control program was undertaken in May-June 2016 in response to community concerns (R_064). This program was undertaken by a qualified and licensed subcontractor (C_077).</p> <p>R_064_Strategen_Jindee Innovation Project Fox Control program_09062016.</p> <p>C_077_APMS_RE: Jindee Trapping report_07062016.</p> |
| CMP 17 | <p>POS/civic spaces</p> <p>Table 4: Management measures for delineating areas to be retained</p> <p>Carnaby's Cockatoo habitat being retained will be delineated by survey along clearing boundaries and protected by the installation of temporary fencing in areas adjacent to construction activity, or survey pegs and flagging tape where construction activity is not occurring.</p> | Prior to clearing | Conformant | <p>A plan of the proposed pegging for rural fencing around the POS areas (G_035) verifies the correct areas were delineated. Installation of this fencing was verified during the site inspections (P_040–P_044, P_093).</p> <p>Cutting of the fencing by public to gain access through the Project area was also observed during the site inspections; however, Wormall had already implemented corrective and preventative actions for some of these areas. More recent damage by vandals to fencing to a future POS area in the south of the project area has yet to be repaired. It was noted the fencing had been cut where historical access tracks are present. Evidence of corrective actions (P_067, P_068) was also observed: Wormall has placed large boulders at the locations of the breach so that four wheel drive vehicles can no longer access these areas. In addition, boulders were observed at other high risk areas where the fences had not been cut but were across historical access tracks (P_069).</p> <p>G_035_Fugro_Jindee Stage 1 Conservation Area Marking_26082016.</p> <p>P_040_Strategen_26102016.</p> <p>P_041_Strategen_26102016.</p> <p>P_042_Strategen_26102016.</p> <p>P_043_Strategen_26102016.</p> <p>P_044_Strategen_26102016.</p> <p>P_093_Strategen_15032017.</p> <p>P_094_Strategen_15032017.</p> |

| Reference | Action | Timing | Audit finding | Comments / evidence |
|-----------|--|---------------------|----------------|---|
| CMP 18 | <p>POS/civic spaces</p> <p>Table 4: Management measures for delineating areas to be retained</p> <p>Temporary signage will be installed in accordance CoW standard signage policy to restrict construction workers from entering Carnaby's Cockatoo habitat being retained.</p> | Prior to clearing | Conformant | <p>Temporary signage restricting construction workers from POS areas was sighted during the site inspections (P_44, P_045). CoW confirmed there was no relevant signage policy or licensing requirements for this type of temporary signage (C_046).</p> <p>P_044_Strategen_26102016.</p> <p>P_045_Strategen_26102016.</p> <p>C_046_CoW_Community Directional Signs - Jindee Innovation Project_08042016.</p> |
| CMP 19 | <p>POS/civic spaces</p> <p>Table 4: Management measures for delineating areas to be retained</p> <p>GPS co-ordinates of areas approved to be cleared and those required to be retained will be provided to the contractor to ensure no unapproved clearing is undertaken.</p> | Prior to clearing | Conformant | <p>Strategen provided GIS data for Attachment A of the approval (C_039) to WGE which shows the areas to be retained.</p> <p>C_039_Strategen_RE: Jindee Construction contractor requirements memo_15052016.</p> |
| CMP 20 | <p>POS/civic spaces</p> <p>Table 4: Management measures for delineating areas to be retained</p> <p>Appropriate barriers to prevent pedestrian access such as fencing, will be installed around the perimeter of POS areas or retained habitat within to CoW specifications designed to prevent public access.</p> | During construction | Conformant | <p>Appropriate fencing has been erected around POS areas to prevent access as sighted during the site inspections.</p> <p>G_036_WGE_Lot 8000 Jindee Stage 1 Site Works Plan_28062016.</p> <p>P_093_Strategen_15032017.</p> |
| CMP 21 | <p>POS/civic spaces</p> <p>Table 4: Management measures for delineating areas to be retained</p> <p>Access points will be installed at strategic locations in the POS areas to CoW requirements.</p> | During construction | Conformant | <p>Access points are yet to be installed around the POS areas and construction in these areas are still ongoing. One temporary gate has been installed for bore access.</p> <p>G_036_WGE_Lot 8000 Jindee Stage 1 Site Works Plan_28062016.</p> |
| CMP 22 | <p>Table 4: Management measures for delineating areas to be retained</p> <p>Permanent signage will be installed to encourage public education and awareness on:</p> <ul style="list-style-type: none"> • the importance of retained bushland • the detrimental effects of rubbish, weeds and pathogens on biodiversity • the importance of keeping to the designated walking tracks • the requirement for dogs to be on a lead in designated areas. | During construction | Not applicable | <p>Permanent signage not yet required as there is no authorised access by the public during the construction phase.</p> <p>G_036_WGE_Lot 8000 Jindee Stage 1 Site Works Plan_28062016.</p> |
| CMP 23 | <i>Removed.</i> | <i>Removed</i> | Not applicable | <p>This action has been removed from the revised CMP.</p> <p>C_089 Revised CMP_Rev 4_2016121.</p> |
| CMP 24 | <i>Removed.</i> | <i>Removed</i> | Not applicable | <p>This action has been removed from the revised CMP.</p> <p>C_089 Revised CMP_Rev 4_2016121.</p> |

| Reference | Action | Timing | Audit finding | Comments / evidence |
|-----------|--|---------------------|---------------|--|
| CMP 25 | <p>POS/civic spaces</p> <p>Table 5 Management measures for erosion and dust control measures during construction</p> <p>Cleared areas and any dry, dust-prone areas or stockpiles will be stabilised to prevent dust generation. Stabilisation methods may include wetting (through use of water trucks), application of hydromulch, use of chemical polymers (if required) or other sealing material.</p> | During construction | Conformant | <p>Wormall prepared a Dust Management Plan for Stage 1 works (R_047) which includes stabilisation of cleared areas. Evidence of wetting of surfaces (P_48–P_050), use of Dustex (P_051, P_052) and use of dust monitors (P_053) was observed during the site inspection.</p> <p>No evidence of dust generation or erosion was observed during the site visits (P_054).</p> <p>R_047_Wormall_Environmental Management Plan Dust Noise Vibration_30082016.</p> <p>P_048_Strategen_26102016.</p> <p>P_049_Strategen_26102016.</p> <p>P_050_Strategen_26102016.</p> <p>P_051_Strategen_26102016.</p> <p>P_052_Strategen_26102016.</p> <p>P_053_Strategen_26102016.</p> <p>P_054_Strategen_26102016.</p> <p>P_095_Strategen_15032017.</p> |
| CMP 26 | <p>POS/civic spaces</p> <p>Table 5 Management measures for erosion and dust control measures during construction</p> <p>Vehicle speeds will be restricted to 40 km/hr to minimise dust generation on designated roads, access tracks and within construction areas.</p> | During construction | Conformant | <p>Speed limit signage was observed during the site visit in October 2016 (P_055) and speed restrictions are included in site inductions (R_056).</p> <p>P_055_Strategen_26102016.</p> <p>R_056_Strategen_Jindee Conservation management requirements_05092016.</p> <p>P_096_Strategen_15032017.</p> |
| CMP 27 | <p>POS/civic spaces</p> <p>Table 6 weed management measures</p> <p>Identify weeds occurring in retained habitat in POS/Civic areas.</p> | Annually | Conformant | <p>Clearing in areas adjacent to three POS areas commenced during the audit period.</p> <p>Weeds should be identified in these POS areas during the next audit period, which will be conformant with the annual timing requirement.</p> |

| Reference | Action | Timing | Audit finding | Comments / evidence |
|-----------|--|---|----------------|---|
| CMP 28 | <p>POS/civic spaces</p> <p>Table 6 weed management measures</p> <p>Determine appropriate method and timing of weed control in consultation with a suitably qualified specialist.</p> | <p>Annually</p> <p>Weed control will commence in POS/Civic areas when those POS/Civic areas are directly adjacent or within the current stage of construction. Weed control will continue to be implemented by Westminster until the POS/Civic area is handed over to the City of Wanneroo for management</p> | Conformant | <p>Clearing in areas adjacent to three POS areas commenced during the audit period.</p> <p>Weed control method should be assessed after weeds have been identified as stated in previous step (CMP 27).</p> |
| CMP 29 | <p>POS/civic spaces</p> <p>Table 6 weed management measures</p> <p>Implement weed control.</p> | As determined by previous step | Not applicable | Refer to CMP 27. |
| CMP 30 | <p>POS/civic spaces</p> <p>Table 6 weed management measures</p> <p>Monitor weed control results and implement further control if required, on the advice of CoW (e.g. bushland management personnel) or suitably qualified specialist.</p> | Annually | Not applicable | Refer to EMP 27. |
| CMP 31 | <p>POS/civic spaces</p> <p>Table 7 Pathogen management measures</p> <p>All construction personnel will be inducted in relation to dieback risk, potential impacts and management.</p> | During construction | Conformant | <p>Induction material (R_056) includes dieback risk, potential impacts and management. Induction Register was also sighted (P_057, P_058, P_097).</p> <p>R_056_Strategen_Jindee Conservation management requirements_05092016.</p> <p>P_057_Strategen_26102016.</p> <p>P_058_Strategen_26102016.</p> <p>P_097_Strategen_15032017.</p> |

| Reference | Action | Timing | Audit finding | Comments / evidence |
|-----------|---|---|----------------|--|
| CMP 32 | <p>POS/civic spaces Table 7 Pathogen management measures All vehicles, machinery and equipment will be free of mud and soil.</p> | During construction – when arriving at site | Conformant | <p>The Hygiene Register (P_059, P_092) and examples of machinery checklists (P_060, P_061, P_098) were provided by Wormalt to verify vehicles and machinery are clean on entry to the site. Access is controlled through one entry point into the Project area.</p> <p>P_059_Strategen_26102016. P_060_Strategen_26102016. P_061_Strategen_26102016. P_092_Strategen_15032017. P_098_Strategen_15032017.</p> |
| CMP 33 | <p>POS/civic spaces Table 8 Fire management measures A Fire Management Plan will be prepared as required in accordance with CoW standard operating procedures.</p> | Pre-construction | Conformant | <p>City of Wanneroo approved the Jindee Fire Management Plan (FMP) on 9 July 2015 (C_020).</p> <p>Note: This FMP (R_021) only covers the first four stages of development and will require an update for subsequent stages.</p> |
| CMP 34 | <p>POS/civic spaces Table 8 Fire management measures Firebreak creation, maintenance, removal of dead branches, and general fire prevention activities will be undertaken as recommended in the Fire Management Plan.</p> | Ongoing | Conformant | <p>Firebreaks were sighted around the POS areas during the site inspection in March 2017.</p> <p>DSC_0119-120_Strategen_15032017.</p> |
| CMP 35 | <p>POS/civic spaces Table 8 Fire management measures A reticulated water supply will be extended throughout the subdivision area to all proposed lots.</p> | During construction | Conformant | <p>Water reticulation pipes were sighted (P_100) during the site inspection in March 2017 to verify a reticulated water supply. Hydrants will be extended throughout the current stage of development.</p> <p>G_062_WGE_Lot 8000 Jindee - Stage 1 - Water Reticulation Plan_25082016. G_063_WGE_Lot 8000 Jindee - Stage 1 Separable Portion 1- Water Reticulation Plan_25082016. P_100_Strategen_15032017.</p> |
| CMP 36 | <i>Removed.</i> | <i>Removed</i> | Not applicable | <p>This action has been removed from the revised CMP. C_089 Revised CMP_Rev 4_2016121.</p> |

| Reference | Action | Timing | Audit finding | Comments / evidence |
|-----------|---|--------------------------------------|----------------|---|
| CMP 37 | <p>POS/civic spaces</p> <p>Table 9 Feral animal control measures</p> <p>Engage a qualified and licensed subcontractor to undertake pest fauna control/removal appropriate to the species detected, based on monitoring results.</p> | On advice of qualified subcontractor | Conformant | <p>Monitoring for feral animals commenced in Spring 2016 after construction for Stage 1 commenced. This monitoring (C_065) indicated that feral animal control was not required as no feral animals were sighted.</p> <p>However, a fox control program was undertaken in May-June 2016 prior to the commencement of monitoring in response to community concerns (R_064). This program was undertaken by a qualified and licensed subcontractor (C_077).</p> <p>R_064_Strategen_Jindee Innovation Project Fox Control program_09062016.</p> <p>C_065_EDC_RE: Compliance reminder CMP 44: monitoring for feral animals_13102016.</p> <p>C_077_APMS_RE: Jindee Trapping report_07062016.</p> |
| CMP 38 | <p>POS/civic spaces</p> <p>Table 9 Feral animal control measures</p> <p>Provide community education signage around conservation areas detailing the potential risk domestic cats and dogs may pose to native flora and fauna within the Estate.</p> | To be placed post-construction | Not applicable | Lots yet to be developed. |

| Reference | Action | Timing | Audit finding | Comments / evidence |
|-----------|---|-------------------------------|---------------|---|
| CMP 39 | <p>Parks & Recreation, POS/civic spaces</p> <p>Table 10: Monitoring actions - Delineation of habitat to be retained</p> <p>Condition of infrastructure delineating Carnaby's Cockatoo habitat (fencing, gates, pathways, signage etc).</p> <p>Purpose: To ensure infrastructure is in good condition and that there has been no unauthorised clearing beyond the barrier.</p> <p>Location: Retained habitat near clearing boundaries.</p> | Quarterly during construction | Conformant | <p>Wormall advised that fencing is inspected weekly (every Monday) to check for breaches. The Monthly Contractor Compliance Reports for September - January indicate that fences are inspected weekly, exceeding the timing requirements of this action (R_066, R_075, Site notes_083, 0_84, 0_85).</p> <p>During the site inspections, it was noted fencing had been cut where historical access tracks are present. Evidence of corrective actions (P_067, P_068) was also observed: Wormall has placed large boulders at the locations of the breach so that four wheel drive vehicles can no longer access these areas. In addition, boulders were observed at other high risk areas where the fences had not been cut but were across historical access tracks (P_069).</p> <p>Note: Corrective actions have not been detailed in the monthly compliance reports. Auditors recommend that these actions be included in future reporting.</p> <p>R_066_Wormall_Jindee Innovation Project - Stage 1 construction environmental obligations Contractor monthly compliance report_21102016.</p> <p>R_075_Wormall_Jindee Innovation Project - Stage 1 construction environmental obligations Contractor monthly compliance report_07112016.</p> <p>Site notes 0_83_Nov 16_ Enviro Compliance Reporting.</p> <p>Site notes 0_84_Dec 16_ Enviro Compliance Reporting.</p> <p>Site notes 0_85_Jan 17_ Enviro Compliance Reporting.</p> <p>P_067_Strategen_26102016.</p> <p>P_068_Strategen_26102016.</p> <p>P_069_Strategen_26102016.</p> <p>P_101_Strategen_15032017.</p> |

| Reference | Action | Timing | Audit finding | Comments / evidence |
|-----------|--|---------------------------------------|---------------|--|
| CMP 40 | <p>Parks & Recreation, POS/civic spaces</p> <p>Table 10: Monitoring actions - Erosion and dust control for retained habitat</p> <p>Visual observations of dust generation and erosion.</p> <p>Purpose: To minimise erosion and dust impacts from construction on retained habitat.</p> <p>Location: Unsealed surfaces prone to dust generation (e.g. roads, stockpiles).</p> | Opportunistically during construction | Conformant | <p>Wormall advised and the Monthly Contractor Compliance Report for September - January indicates that inspections for dust generation are conducted daily (R_066, R_075, Site notes_083, 0_84, 0_85). In addition, Wormall has installed four dust monitors within the Project area, exceeding the requirements of this action (P_053).</p> <p>No evidence of dust generation or erosion was observed during the site inspections (P_054, P_102).</p> <p>R_066_Wormall_Jindee Innovation Project - Stage 1 construction environmental obligations Contractor monthly compliance report_21102016.</p> <p>R_075_Wormall_Jindee Innovation Project - Stage 1 construction environmental obligations Contractor monthly compliance report_07112016.</p> <p>Site notes 0_83_Nov 16_ Enviro Compliance Reporting.</p> <p>Site notes 0_84_Dec 16_ Enviro Compliance Reporting.</p> <p>Site notes 0_85_Jan 17_ Enviro Compliance Reporting.</p> <p>P_053_Strategen_26102016.</p> <p>P_054_Strategen_26102016.</p> <p>P_102_Strategen_15032017.</p> |
| CMP 41 | <p>Parks & Recreation, POS/civic spaces</p> <p>Table 10: Monitoring actions - Erosion and dust control for retained habitat</p> <p>Dust suppression equipment / actions.</p> <p>Purpose: To minimise erosion and dust impacts from construction on retained habitat.</p> <p>Location: Where potential dust generation is taking place.</p> | Opportunistically during construction | Conformant | <p>The Monthly Contractor Compliance Reports for September - January indicate that monitoring of the effectiveness of dust suppression equipment and actions was undertaken (R_066, R_075, Site notes_083, 0_84, 0_85). In addition, Wormall has installed four dust monitors within the Project area, exceeding the requirements of this action (P_053).</p> <p>No evidence of dust generation or erosion was observed during the site inspections (P_054, P_102).</p> <p>R_066_Wormall_Jindee Innovation Project - Stage 1 construction environmental obligations Contractor monthly compliance report_21102016.</p> <p>R_075_Wormall_Jindee Innovation Project - Stage 1 construction environmental obligations Contractor monthly compliance report_07112016.</p> <p>Site notes 0_83_Nov 16_ Enviro Compliance Reporting.</p> <p>Site notes 0_84_Dec 16_ Enviro Compliance Reporting.</p> <p>Site notes 0_85_Jan 17_ Enviro Compliance Reporting.</p> <p>P_053_Strategen_26102016.</p> <p>P_054_Strategen_26102016.</p> <p>P_102_Strategen_15032017.</p> |

| Reference | Action | Timing | Audit finding | Comments / evidence |
|-----------|---|---|---------------|---|
| CMP 42 | <p>Parks & Recreation, POS/civic spaces</p> <p>Table 10: Monitoring actions - Erosion and dust control for retained habitat</p> <p>Visual observation of vegetation health, including dust smothering and erosion.</p> <p>Purpose: To minimise erosion and dust impacts from construction on retained habitat.</p> <p>Location: Retained Carnaby's Cockatoo habitat beyond clearing boundaries.</p> | Opportunistically during construction | Conformant | <p>The Monthly Contractor Compliance Reports for September to January indicate that visual observation of vegetation health is undertaken (R_066, R_075, Site notes_083, 0_84, 0_85). In addition, no evidence of erosion affecting vegetation or dust smothering of vegetation was observed during the site inspections.</p> <p>R_066_Wormall_Jindee Innovation Project - Stage 1 construction environmental obligations Contractor monthly compliance report_21102016.</p> <p>R_075_Wormall_Jindee Innovation Project - Stage 1 construction environmental obligations Contractor monthly compliance report_07112016.</p> <p>Site notes 0_83_ Nov 16_ Enviro Compliance Reporting.</p> <p>Site notes 0_84_ Dec 16_ Enviro Compliance Reporting.</p> <p>Site notes 0_85_Jan 17_ Enviro Compliance Reporting.</p> |
| CMP 43 | <p>Parks & Recreation, POS/civic spaces</p> <p>Table 10: Monitoring actions - Pathogen management for retained habitat</p> <p>Inspection of machinery for construction works.</p> <p>Purpose: To ensure appropriate dieback hygiene are being undertaken.</p> <p>Location: Authorised access points into the site.</p> | At first time of entry and opportunistically during construction. | Conformant | <p>Refer to CMP 32.</p> <p>The Hygiene Register (P_059, P_092) and examples of machinery checklists (P_060, P_061, P_098) were provided by Wormall to verify vehicles and machinery are clean on entry to the site. Access is controlled through one entry point into the Project area.</p> <p>P_059_Strategen_26102016.</p> <p>P_060_Strategen_26102016.</p> <p>P_061_Strategen_26102016.</p> <p>P_092_Strategen_15032017.</p> <p>P_098_Strategen_15032017.</p> |

| Reference | Action | Timing | Audit finding | Comments / evidence |
|-----------|---|--|---------------|--|
| CMP 44 | <p>Parks & Recreation, POS/civic spaces</p> <p>Table 10: Monitoring actions - Feral animal control for retained habitat</p> <p>Presence of pests/feral animals/domestic animals (foxes, rabbits and feral cats).</p> <p>Purpose: To determine presence of pests/feral animals within the retained habitat, and whether fauna control is required.</p> <p>Location: Retained Carnaby's Cockatoo habitat in POS/Civic areas until handover.</p> | Annually in Spring and opportunistically | Conformant | <p>Monitoring for feral animals within the POS areas adjacent to Stage 1 commenced in Spring 2016 after the commencement of construction for Stage 1.</p> <p>Fauna were opportunistically monitored and recorded on The Monthly Contractor Compliance Reports for September to January (R_066, R_075, Site notes_083, 0_84, 0_85).</p> <p>There were no sightings of feral or domestic animals during the site inspection in March 2017.</p> <p>C_065_EDC_RE: Compliance reminder CMP 44: monitoring for feral animals_13102016.</p> <p>R_066_Wormall_Jindee Innovation Project - Stage 1 construction environmental obligations Contractor monthly compliance report_21102016.</p> <p>R_075_Wormall_Jindee Innovation Project - Stage 1 construction environmental obligations Contractor monthly compliance report_07112016.</p> <p>Site notes 0_83_ Nov 16_ Enviro Compliance Reporting.</p> <p>Site notes 0_84_ Dec 16_ Enviro Compliance Reporting.</p> <p>Site notes 0_85_Jan 17_ Enviro Compliance Reporting.</p> |
| CMP 45 | <p>Parks & Recreation, POS/civic spaces</p> <p>Table 10: Monitoring actions - Carnaby's Cockatoo opportunistic monitoring</p> <p>Presence of Carnaby's Cockatoo (as indicated by sightings, evidence of foraging, etc.).</p> <p>Purpose: To determine presence of Carnaby's Cockatoo within the retained habitat.</p> <p>Location: Retained Carnaby's Cockatoo habitat in POS/Civic areas, and in revegetation areas, until handover.</p> | Opportunistically | Conformant | <p>Terrestrial Ecosystems noted the presence of Carnaby's Cockatoo while on-site during the reptile trapping program (C_072).</p> <p>There were no sightings of Carnaby's Cockatoo during the site inspection in March 2017.</p> <p>C_072_Terrestrial Ecosystems_Fauna management for Jindee Innovation Project, Jindalee_18092016.</p> |
| CMP 46 | <p>Table 13: Long term management and timeframes for implementation</p> <p>Retained habitat in Parks and Recreation Reserves will be managed by Westminster until completion of construction.</p> | <p>Until completion of construction adjacent to the reserves and completion of CRMP commitments.</p> <p>Formal transfer of management responsibility to the CoW will be the responsibility of WAPC</p> | Conformant | <p>Management of retained habitat in Parks and Recreation Reserves has not yet commenced.</p> <p>WAPC will initiate the re-vestment order once Westminster Estate has completed the works required under 10 (g) of the EPBC approval (C_037, C_103).</p> <p>C_037_Strategen_EPBC 2012/6631 Jindee Estate - Condition 11 compliance_06092016.</p> <p>C_103_WAPC_28112016.</p> |

| Reference | Action | Timing | Audit finding | Comments / evidence |
|-----------|---|---|----------------|---|
| CMP 47 | Table 13: Long term management and timeframes for implementation Retained habitat in Parks and Recreation Reserves will be the responsibility of WAPC. | WAPC will initiate the re-vestment order once Westminster has completed the works required under 10(g) of the EPBC approval | Not applicable | Works required under 10(g) of the EPBC approval have not been completed (C_037). Transfer of ownership of the Parks and Recreation to WAPC occurred in May 2016 (C_037). C_037_Strategen_EPBC 2012/6631 Jindee Estate - Condition 11 compliance_06092016. C_103_WAPC_28112016. |
| CMP 48 | Table 13: Long term management and timeframes for implementation Retained habitat in Parks and Recreation Reserves will be vested as Parks and Recreation Reserves as part of the MRS amendment. | During construction | Conformant | Parks and Recreation Reserves have been accordingly zoned under the MRS. A land exchange was completed in 2016 which transferred the ownership of the Parks and Recreation Reserves to WAPC (C_037). The vesting and ongoing long term management of these areas will then be the responsibility of the WAPC and will be vested to the CoW. C_037_Strategen_EPBC 2012/6631 Jindee Estate - Condition 11 compliance_06092016. C_103_WAPC_28112016. |
| CMP 49 | Table 13: Long term management and timeframes for implementation The CMP will be implemented in POS and civic spaces by Westminster until handed over following the completion of developer maintenance period. | During construction | Conformant | Management activities conducted during the audit period within the retained habitat in POS areas have involved the erection of fences and the creation of firebreaks. |
| CMP 50 | Table 13: Long term management and timeframes for implementation Retained habitat in POS areas and civic spaces will be handed over at the time the POS and Civic space land titles are created. | Handover will occur at the time the POS and civic space land titles are created | Not applicable | Land titles of POS areas and civic spaces have not yet been created. |
| CMP 51 | <i>Removed.</i> | <i>Removed</i> | Not applicable | This action has been removed from the revised CMP. C_089 Revised CMP_Rev 4_2016121. |
| CMP 52 | <i>Removed.</i> | <i>Removed</i> | Not applicable | This action has been removed from the revised CMP. C_089 Revised CMP_Rev 4_2016121. |
| CMP 53 | <i>Removed.</i> | <i>Removed</i> | Not applicable | This action has been removed from the revised CMP. C_089 Revised CMP_Rev 4_2016121. |

Appendix 3
Clearing and Revegetation
Management Plan Audit Findings

Clearing and Revegetation Management Plan Audit Findings

| Reference | Action | Timing | Audit finding | Comments / evidence |
|-----------|--|--|----------------|---|
| CRMP 1 | <p>Section 3.2 Detailed protocols for the collection and use of native seed</p> <p>There is 0.75 ha of degraded habitat that has been identified within the proposal site as per Figure 3. Degraded areas not proposed to be used for pathways and recreational infrastructure will be revegetated.</p> | Revegetation | Conformant | <p>Commencement of landscaping (i.e. installation of pathways and recreation infrastructure) within Parks and Recreation Reserves has not yet commenced.</p> <p>Base plans for revegetation areas in Parks and Recreation Area A and B have been prepared (I_022, I_023) and conform to Figure 3 of CRMP.</p> |
| CRMP 2 | <p>Section 3.2 Detailed protocols for the collection and use of native seed</p> <p>Placement of primary feeding trees and shrubs will occur within the two Parks and Recreation Areas and other areas may include POS/civic spaces and streetscapes.</p> | Revegetation | Not applicable | Revegetation and landscaping commenced in Parks and Recreation Areas or POS has not yet commenced. |
| CRMP 3 | <p>Table 3 Detailed protocols for the collection and use of native seed</p> <p>Seek quotations and engage contractor licensed by DPaW to collect seed from areas of Carnaby's Cockatoo habitat to be cleared when Carnaby's Cockatoo foraging species are seeding based on advice from seed collectors.</p> | Pre-construction | Conformant | <p>Tranen provided a quote for seed collection, processing and storage (F_011) and was subsequently engaged to undertake the quoted tasks (F_015). Correspondence from Tranen (C_009) confirmed that seed was collected in Carnaby's Cockatoo habitat to be cleared and provided sufficient volumes and species richness of the key Carnaby's Black Cockatoo foraging species for the purposes of the revegetation within the Project site. No more needed to be collected. Seed Bank Statement (R_010, R_076) also verifies the seed collected and collection date (December to March 2014). C_009_Tranen_Jindee seed picking 2014-15_18092014.</p> <p>The Tranen Seed Banking and Seed Banks brochure (R_014) states that seed collection utilises "licensed collectors".</p> |
| CRMP 4 | <p>Table 3 Detailed protocols for the collection and use of native seed</p> <p>Undertake seed collection in designated areas of Carnaby's Cockatoo habitat proposed to be cleared (Figure 2).</p> | Pre-construction | Conformant | <p>Refer to CRMP 3.</p> <p>Correspondence from Tranen (C_009) confirmed that seed was collected in Carnaby's Cockatoo habitat to be cleared and provided sufficient volumes and species richness of the key Carnaby's Black Cockatoo foraging species for the purposes of the revegetation within the Project site. No more needed to be collected.</p> |
| CRMP 5 | <p>Table 3 Detailed protocols for the collection and use of native seed</p> <p>Ensure seed for on-site revegetation and street scaping plus any off-site use is stored and transported in accordance with Revegetation Industry of Western Australia (RIAWA) standards to ensure seed viability (RIAWA 2014a, 2014b).</p> | Pre-construction and during construction | Conformant | Quote for seed collection services from Tranen (F_011) and company brochure (R_014) states that all seed services are compliant with RIAWA guidelines. |

| Reference | Action | Timing | Audit finding | Comments / evidence |
|-----------|---|----------------------------|----------------|---|
| CRMP 6 | <p>Table 3 Detailed protocols for the collection and use of native seed</p> <p>Monitor native seed and maintain a register of volumes, species collected, locations and quantities.</p> | Pre-construction | Conformant | Seed Bank Statement from Tranen (R_076) outlines species collected, quantities (weight of seed per species) and location. This monitoring record was set up in 2014 (R_010), prior to construction. |
| CRMP 7 | <p>Table 3 Detailed protocols for the collection and use of native seed</p> <p>Any native seed that cannot be utilised in the Project Area will be provided to DPaW or other receiving party (or parties).</p> | During construction | Not applicable | Seeds have not been utilised. Revegetation has not commenced. |
| CRMP 8 | <p>Table 3 Detailed protocols for the collection and use of native seed</p> <p>Select on-site reference sites containing landforms and vegetation comparable (or likely to have been comparable) to those areas proposed to be revegetated.</p> | Pre or during construction | Not applicable | Revegetation not scheduled to commence until after 2017, as such, selection of reference sites was not required during this audit period. |
| CRMP 9 | <p>Table 3 Detailed protocols for the collection and use of native seed</p> <p>Survey the onsite reference sites to determine indicator species, density of native species, % cover of native species, native species richness and % weed cover.</p> | Pre or during construction | Not applicable | Refer to CRMP 8. |
| CRMP 10 | <p>Table 3 Detailed protocols for the collection and use of native seed</p> <p>Determine success criteria for revegetation sites based on the survey of the reference sites.</p> | During construction | Not applicable | Revegetation not scheduled to commence until after 2017. |
| CRMP 11 | <p>Table 3 Detailed protocols for the collection and use of native seed</p> <p>Provide temporary barriers to prevent pedestrian access; such as fencing, and signage around degraded areas identified for revegetation.</p> | During construction | Not applicable | Temporary barriers have been installed around entire construction area, but not specifically around degraded areas identified for revegetation yet. |
| CRMP 12 | <p>Table 3 Detailed protocols for the collection and use of native seed</p> <p>Undertake weed control as required at the revegetation site until targets are achieved as per Section 4 and 6.</p> | During construction | Not applicable | Revegetation not scheduled to commence until after 2017. |

| Reference | Action | Timing | Audit finding | Comments / evidence |
|-----------|---|---------------------|----------------|---|
| CRMP 13 | <p>Table 3 Detailed protocols for the collection and use of native seed</p> <p>Primary feeding plants for the Carnaby's Cockatoo will not be planted along roads with speed limits exceeding 50 km/hr (to minimise the risk to Carnaby's Cockatoo).</p> | During construction | Not applicable | Planting of street scapes did not commence during audit period. |
| CRMP 14 | <p>Table 3 Detailed protocols for the collection and use of native seed</p> <p>Determine the quantity of seed of various native flora species required for broadcasting within on-site revegetation areas.</p> | During construction | Not applicable | Revegetation not scheduled to commence until after 2017. |
| CRMP 15 | <p>Table 3 Detailed protocols for the collection and use of native seed</p> <p>Prior to direct seeding, seed should undergo the appropriate treatments required to break dormancy and improve germination rates. The treatments could include smoking, freezing, boiling or scarifying.</p> | During construction | Not applicable | Direct seeding not scheduled to commence until after 2017. |
| CRMP 16 | <p>Table 3 Detailed protocols for the collection and use of native seed</p> <p>Undertake seed viability and germination testing if deemed necessary.</p> | During construction | Not applicable | Direct seeding is not scheduled until after 2017. |
| CRMP 17 | <p>Table 3 Detailed protocols for the collection and use of native seed</p> <p>After achieving required weed control, area should be raked (scarified) in preparation for direct seeding.</p> | During construction | Not applicable | Direct seeding is not scheduled until after 2017. |
| CRMP 18 | <p>Table 3 Detailed protocols for the collection and use of native seed</p> <p>The treated seed should be combined with an appropriate medium (e.g. yellow sand or vermiculite) and manually distributed (i.e. broadcast by hand) by an experienced operator, ensuring an even coverage over the whole area.</p> | During construction | Not applicable | Direct seeding is not scheduled until after 2017. |
| CRMP 19 | <p>Table 3 Detailed protocols for the collection and use of native seed</p> <p>Determine the quantity of various flora species required to be propagated for on-site revegetation annually.</p> | Pre-construction | Not applicable | Revegetation not scheduled to commence until after 2017, as such, propagation of seedlings was not required during this audit period. |

| Reference | Action | Timing | Audit finding | Comments / evidence |
|-----------|--|---------------------|----------------|--|
| CRMP 20 | <p>Table 3 Detailed protocols for the collection and use of native seed</p> <p>Engage a nursery to propagate seedlings (if seedlings are included as part of the annual revegetation program).</p> | During construction | Not applicable | Refer to CRMP 19. |
| CRMP 21 | <p>Table 3 Detailed protocols for the collection and use of native seed</p> <p>For on-site revegetation produce propagated plants from local provenance seed in an accredited nursery.</p> | During construction | Not applicable | Refer to CRMP 19. |
| CRMP 22 | <p>Table 3 Detailed protocols for the collection and use of native seed</p> <p>Ensure the quantities of plants are available for pick-up or delivery to the contractor.</p> | During construction | Not applicable | Refer to CRMP 19. |
| CRMP 23 | <p>Table 3 Detailed protocols for the collection and use of native seed</p> <p>Determine appropriateness of additives, which could include Seasol (or equivalent), water granules, soil breaker, water retainer, wetting agent or fertiliser tablets. If required, they will be added at the relevant time (i.e. in the hole prior to planting or upon watering-in plants).</p> | During construction | Not applicable | Revegetation not scheduled to commence until after 2017. |
| CRMP 24 | <p>Table 3 Detailed protocols for the collection and use of native seed</p> <p>Place plants in a hole that is approximately twice the size of the plant pot, ensuring the base of the plant is slightly below the original soil surface.</p> | During construction | Not applicable | Revegetation not scheduled to commence until after 2017. |
| CRMP 25 | <p>Table 3 Detailed protocols for the collection and use of native seed</p> <p>Fill soil around the plant ensuring it sits in a basin that is approximately 200-300 mm in diameter and 50 mm deep to provide adequate water capture. The base of the plant will be flush with the soil surface within the basin to prevent collar rot.</p> | During construction | Not applicable | Revegetation not scheduled to commence until after 2017. |
| CRMP 26 | <p>Table 3 Detailed protocols for the collection and use of native seed</p> <p>Water seedlings when planted as required.</p> | During construction | Not applicable | Revegetation not scheduled to commence until after 2017. |

| Reference | Action | Timing | Audit finding | Comments / evidence |
|-----------|---|---------------------|----------------|--|
| CRMP 27 | <p>Table 3 Detailed protocols for the collection and use of native seed</p> <p>Install stakes (10-12 mm diameter) and a protective guard (plastic) around the seedlings to protect the seedlings from rabbits (Note: protective guards are only required in areas outside rabbit-proof fencing).</p> | During construction | Not applicable | Revegetation not scheduled to commence until after 2017. |
| CRMP 28 | <p>Table 4 Performance indicators</p> <p>Utilise suitable native seed collected from within Carnaby's Cockatoo habitat proposed to be cleared in revegetation projects (including on-site degraded areas illustrated in Figure 3).</p> | Revegetation | Not applicable | Revegetation not scheduled to commence until after 2017. |
| CRMP 29 | <p>Table 4 Performance indicators</p> <p>Revegetate 0.38 ha of degraded land (Figure 3) so that native species richness and/or density are within 80% of the native species richness and/or density recorded in reference quadrats.</p> | Revegetation | Not applicable | Revegetation not scheduled to commence until after 2017. |
| CRMP 30 | <p>Table 4 Performance indicators</p> <p>Manage weeds in 0.38 ha of degraded land proposed to be revegetated so that weed species density and/or cover are not greater than 10% of the weed species density and/or cover recorded in reference quadrats, and to ensure that there is no addition of new weed species compared to the on-site reference site.</p> | Revegetation | Not applicable | Revegetation not scheduled to commence until after 2017. |
| CRMP 31 | <p>Table 4 Performance indicators</p> <p>On-site planting within the Project Area are to be planted with 50% of tree and shrub species being primary feeding plants for Carnaby's Cockatoo.</p> | Revegetation | Not applicable | Landscaping and revegetation not yet commenced. |

| Reference | Action | Timing | Audit finding | Comments / evidence |
|-----------|--|--|-----------------|--|
| CRMP 32 | <p>Table 5 Monitoring actions</p> <p>Monitor the proportion of native seed collected, used on-site and transferred to receiving party to ensure native seed collected from within Carnaby's Cockatoo habitat is used for revegetation.</p> | Annually by 30 June during construction until the suitable native seed as per Table 3 is utilised on-site or transferred | Not applicable | <p>Construction had not commenced by 30 June 2016; as such, this monitoring was not required.</p> <p>Note: the amount of seed collected has been recorded (refer to CRMP 6).</p> |
| CRMP 33 | <p>Table 5 Monitoring actions – On-site revegetation</p> <p>Monitor: integrity of temporary fencing to ensure no inadvertent clearing of areas to be retained.</p> <p>Location: On-site areas to be revegetated.</p> | Daily during construction as part of construction area inspections | Not applicable. | <p>Revegetation has not yet commenced.</p> <p>Wormall advised that fencing is inspected weekly to check for breaches. The Monthly Contractor Compliance Reports for September - January indicate that fences are inspected weekly (R_066, R_075, Site notes_083, 0_84, 0_85). The frequency of these inspections will need to increase to daily when revegetation commences.</p> |
| CRMP 34 | <p>Table 5 Monitoring actions – On-site revegetation</p> <p>Monitor: Plant density, Species richness, Weed species density and Weed species richness to determine success of rehabilitation.</p> <p>Location: Monitoring quadrats in on-site revegetated areas.</p> | Annually after planting/direct seeding (September - October) until achievement of targets as per Section 6 | Not applicable | Revegetation planting and direct seeding not yet commenced. |
| CRMP 35 | <p>Table 5 Monitoring actions – On-site revegetation</p> <p>Record the number of suitable Carnaby's Cockatoo forage species in on-site planting to monitor the abundance of species suitable for future use of Carnaby's Cockatoo for food.</p> <p>Location: Review planting lists and orders for on-site planting.</p> | Annually after planting/direct seeding (September - October) until achievement of targets as per Section 6 | Not applicable | Revegetation planting and direct seeding not yet commenced. |
| CRMP 36 | <p>Table 5 Monitoring actions</p> <p>Monitor the presence of feral animals to ensure there are no feral animals present within the on-site revegetated areas.</p> <p>Location: On-site revegetated areas.</p> | Annually after planting/direct seeding (September - October) until achievement of targets as described in Section 6 | Not applicable | Revegetation planting and direct seeding not yet commenced. |
| CRMP 37 | <p>Table 7: Long term management and timeframes for implementation</p> <p>The CRMP will be implemented until the performance targets are achieved.</p> | Until the performance targets outlined in Table 4 are achieved to the satisfaction of CoW | Not applicable | Most of the revegetation requirements in the CRMP have not yet been activated. |

| Reference | Action | Timing | Audit finding | Comments / evidence |
|-----------|---|---|----------------|---|
| CRMP 38 | <p>Table 7: Long term management and timeframes for implementation</p> <p>Retained habitat in Parks and Recreation Reserves will be the responsibility of WAPC.</p> | WAPC will initiate the revestment order once Westminster has completed the works required under 10 (g) of the EPBC approval | Not applicable | Works required under condition 10 (g) have not yet commenced. Works outlined in Appendix 2 of CMP. C_103_WAPC_28112016. |
| CRMP 39 | <p>Table 7: Long term management and timeframes for implementation</p> <p>Retained habitat in Parks and Recreation Reserves will be vested as Parks and Recreation Reserves as part of the MRS amendment.</p> | During construction | Not applicable | Refer to CRMP 38. |
| CRMP 40 | <p>Table 7: Long term management and timeframes for implementation</p> <p>The CRMP will be implemented by Westminster until the performance targets outlined in Table 4 are achieved and areas have been handed over following the completion of developer maintenance period.</p> | Until the performance targets outlined in Table 4 are achieved and areas have been handed over | Not applicable | Most of the revegetation requirements in the CRMP have not yet been activated. |
| CRMP 41 | <p>Table 7: Long term management and timeframes for implementation</p> <p>Areas will be handed over at the time the POS and Civic space land titles are created.</p> | At the time the POS and civic space land titles are created | Not applicable | Land titles for POS and Civic spaces have not been created. |
| CRMP 42 | <i>Removed.</i> | <i>Removed</i> | Not applicable | This action has been removed from the revised CRMP. C_090 Revised CRMP_Rev 4_20161216. |
| CRMP 43 | <i>Removed.</i> | <i>Removed</i> | Not applicable | This action has been removed from the revised CRMP. C_090 Revised CRMP_Rev 4_20161216. |
| CRMP 44 | <i>Removed.</i> | <i>Removed</i> | Not applicable | This action has been removed from the revised CRMP. C_090 Revised CRMP_Rev 4_20161216. |