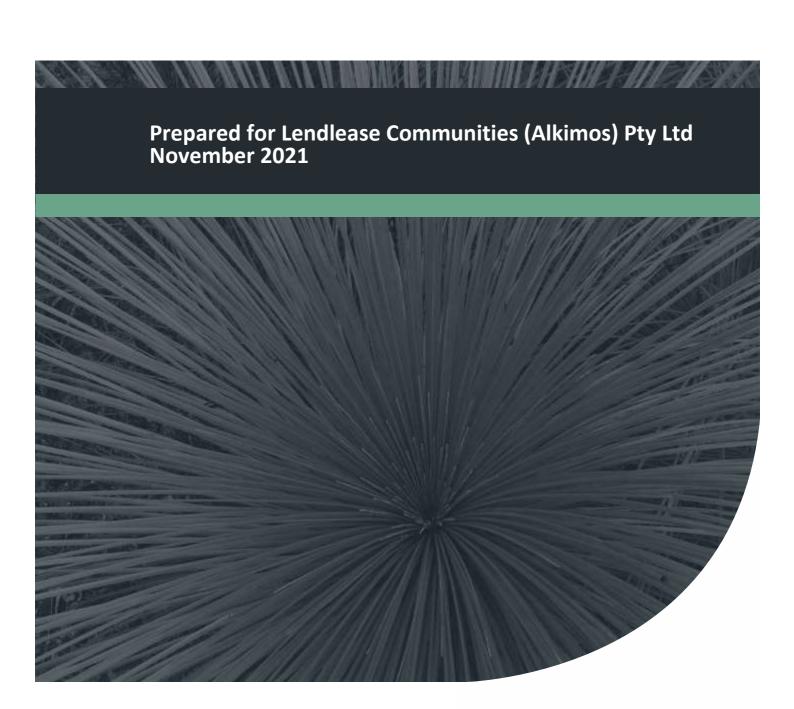


Alkimos Beach

Project No: EP21-091(01)





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CBC clearing area (Roberts Day 2021)

Appendix B

Conformance with the Conservation Area Management Plan

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List of Abbreviations

Table A1: Abbreviations - General terms

General terms				
ACR	Annual Compliance Report			
CAMP	Conservation Area Management Plan			
СВС	Carnaby's black cockatoo			
EPBC Act	Environmental Protection and Biodiversity Conservation Act 1999			
FMP	Foreshore Management Plan			
POS	Public open space			
PRLP	Precinct Landscape and Revegetation Plan			



1 Introduction

1.1 Purpose

This Annual Compliance Report (ACR) has been prepared for the purpose of fulfilling the requirements of condition 3 of *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act) approval 2011/5902 (EPBC 2011/5902). Condition 3 requires the proponent to publish an ACR addressing compliance with each condition of EPBC 2011/5902; as follows:

Unless otherwise agreed to in writing by the Minister, the person taking the action must, within three months of every 12 month anniversary of the commencement of the action:

- a. publish a report on their website addressing compliance with each of the conditions of this approval, including implementation of any management plans as specified in the conditions;
- b. provide to the Department documentary evidence of the date of publication and non-compliance with any of the conditions of this approval.

1.2 Scope

This ACR addresses the audit period between 6 September 2020 to the 5 September 2021 for the conditions associated with EPBC 2011/5902. This ACR will be published on the Lendlease website by 5 December 2021.

As part of the preparation of the ACR the relevant environmental management commitments/ obligations included in the following management plans were assessed to determine if the plans have been satisfactorily implemented:

- Conservation Area Management Plan (CAMP) (Revision 4, September 2019) (RPS 2019b) required by condition 10.
- Foreshore Management Plan (FMP) (Revision 5, September 2019) (RPS 2019a) required by condition 11.
- Precinct Landscape and Revegetation Plan (PLRP) (Version 6, April 2020) (Lendlease 2020) required by condition 12.

Where a previous ACR found a condition or management commitment to be 'Completed' that finding was accepted as being applicable to the current audit period, unless circumstances to the contrary were identified, in which case the item was re-assessed.

1.3 Project background

Lendlease Communities (Alkimos) Pty Ltd (Lendlease) in partnership with LandCorp (now DevelopmentWA), is developing the Alkimos Beach Urban Development (the project) located approximately 40 km northwest of the Perth Central Business District.

On 30 June 2012, the project was approved by the Federal Minister for the Environment under s130(1) and 133 of the EPBC Act, with Lendlease designated as the approval holder. Construction of the project subsequently commenced on 5 September 2012.



The project involves clearing approximately 97 ha of native vegetation, including 21.14 ha of Carnaby's black cockatoo (CBC) habitat, for urban development on Lot 1004, 80L Romeo Road and 2611 Marmion Avenue, Alkimos, see **Appendix A.**

1.4 Approved variations to EPBC Act approval conditions

Since the project was conditionally approved in June 2012, a number of variations to conditions have been approved, as detailed in **Table 1**.

Table 1: Summary of variation to conditions

Variation No.	Approval Date	Description
1	24 August 2012	Amending condition 14 to change the timeframe required for the condition.
2	13 June 2013	This variation was triggered by the de-listing of the Graceful Sun-Moth from the threatened species list defined under the EPBC Act. The variation includes the revocation of conditions 9, 15, 16, 17, Attachment B and changes to relevant definitions referring to those removed conditions. This variation also includes replacement of conditions 10 and 11.
3	19 August 2016	This variation includes to the replacement of condition 4 of EPBC 2011/5902 and the addition of a definition 'new or increased action'. The new condition 4 introduces the 'Revised Management Plan condition' whereby minor updates that do not result in a 'new or increased impact' to the protected matter can be made to management plans without requiring approval from the Minister.
4	30 November 2018	 This variation includes: The replacement of condition 3, whereby the Minister can approve the cessation of the annual compliance reports. The revoking of condition 5, which relates to the Minister having the ability to request specified revisions to the management plans. Inclusion of condition 12A, whereby a request can be made to the Minister to cease the implementation of a management plan and the maintenance of records for that plan.

1.4.1 CAMP implementation

The CAMP's three-year rehabilitation monitoring period was completed within the 2017-2018 audit period, and therefore the rehabilitation elements of the CAMP have ceased.

On 14 October 2019, the proponent made a request to the Minister under condition 12A of EPBC 2011/5902 to cease implementation, maintenance, and reporting of the CAMP within the **eastern portion** of the plan area, as this area is intended to be handed over to the City of Wanneroo in the near future.

The Minister's Delegate approved this request on 4 March 2020. As such, this ACR only reports on implementation of the CAMP within the western portion of the plan area, which is delineated by the western-most and smallest of the two 'conservation area management boundary' areas shown in Figure B of the CAMP.

Lendlease will continue to ensure that the objective of the CAMP is met (through weed control and informal inspections) until the western portion is handed over to the City of Wanneroo as the long-term land manager.

Integrated Science & Design



2 Project status

Activities undertaken during the audit period (6 September 2020 to 5 September 2021) involved activities relating to Precinct (P) 1, 2, 3 and 4, CAMP study area and the FMP area of the Alkimos Beach development, and can be summarised as:

- During the audit period no additional clearing of CBC foraging habitat within Lot 1004, 80L Romero Road and 2611 Marmion Avenue, Alkimos occurred. Therefore, clearing to date is 21.01 ha. See **Appendix A**.
- Civil works during the audit period have generally been limited to the construction of roads within Precinct 3.
- CAMP study area:
 - Monitoring within the CAMP study area, and taking appropriate action as required, including:
 - Informal inspections to assess issues related to weeds, signs of the presence of feral pests, bushfire damage, soil erosion, and the entry of unauthorised vehicles and motorcycles.
 - Repairing fencing if required.

• FMP area:

- Monitoring within the FMP area and taking appropriate action as required, including:
 - Weed control.
 - Replacing signage.
 - Repairing fencing.
 - Site inspections for rabbits.
 - Informal inspections to assess issues related to weeds, signs of the presence of feral
 pests, bushfire damage, soil erosion control, access, condition of fencing and the entry
 of unauthorised vehicles and motorcycles

• PLRP Study area

 Monitoring and maintenance within public open space (POS) areas dedicated to CBC foraging species (known herein as 'CBC POS') including informal inspections of CBC POS.



3 Audit methodology

The audit reported on in this ACR, addresses the period between 6 September 2020 and 5 September 2021 for the conditions and commitments of EPBC 2011/5902.

3.1 Revisions to management plans

There were no revisions to the management plan during this period. For this ACR, the latest versions of the CAMP (V4), FMP (V5) and PLRP (V6) have been assessed for compliance.

3.2 Audit approach

The 2021 compliance audit was undertaken in between August and October 2021 and involved:

- A site inspection by Dana Elphinstone from Emerge Associates on 1 September 2021.
- Interviews with key members of the project team.
- Review of documentation provided by key members of the project team.

Key personnel consulted as part of the audit are listed in **Table 2**.

Table 2: Key personnel consulted during the audit

Personnel	Organisation and Position
Nadja Kampfhenkel	Lendlease Sustainability Manager WA
Scott Vanson	Lendlease Development Manager
Peter Grose	Tranen Managing Director Project Revegetation Consultant
Emma Carr	Emerge Associates Senior Landscape Architect Project Landscape Architect

3.2.1 CAMP audit methodology

As outlined in **Section 1.4.1**, the CAMP has been implemented, therefore ongoing actions within the CAMP area are done voluntarily by Lendlease.

The proponent's request to cease implementation, maintenance, and reporting of the eastern CAMP area has been approved. This audit will assess the ongoing monitoring of the western CAMP area.

This audit of the CAMP will focus on assessing the ongoing objectives of the CAMP, specifically the measures undertaken to achieve the following CAMP objective:

• Minimise the impact of activities that could degrade Carnaby's Black-Cockatoo habitat.



As such evidence required to demonstrate ongoing implementation of the CAMP is considered to include the following, as related to Condition 10c-f of EPBC 2011/5902:

- Any actions taken to manage weeds and feral pests.
- Any actions taken relating to bushfire prevention and management.
- Any actions taken to monitor and manage erosion.
- Any actions taken to monitor and manage access.

3.3 Audit terminology

The 'Compliance Status' field of the audit tables describes the implementation of actions and compliance with the approval. **Table 3** details the terminology that has been applied in this audit.

Table 3: Audit terminology

Compliance status term	Abbreviation	Description			
Regulatory requirements - applicable to the conditions of approval					
Compliant	С	When all the requirements of a condition have been met, including the implementation of management plans or other measures required by those conditions.			
Completed	CLD	Where a requirement with a finite period of application has been satisfactorily completed.			
Not Applicable	N/A	Where the requirements of a condition or elements of a condition fall outside of the scope of the current audit period. For example a condition which applies to an activity that has not yet commenced.			
Non-compliant	NC	Where the requirements of a condition or elements of a condition, including the implementation of management plans and other measures, have not been met.			
Corporate policies, standard	ds and procedures -	- applicable to the CAMP, FMP and PLRP			
Conformant	С	When sufficient evidence has been provided to confirm that the requirements within a corporate policy, standard and/or procedure (including an environmental management plan) has been satisfactory implemented.			
Completed	CLD	Where a requirement with a finite period of application has been satisfactorily completed.			
Not Applicable	N/A	Where the requirements of a corporate policy, standard and/or procedure (including an environmental management plan) fall outside of the scope of the current audit period. For example a management plan which applies to an activity that has not yet commenced.			
Non-conformant	NC	Where the requirements within a corporate policy, standard and/or procedure (including an environmental management plan) have not been satisfactory implemented.			

^{*}adapted from OEPA (2012b, 2012a); DoEE (2014); Graham A Brown & Associates (2014); OEPA (Undated)



4 Audit findings

The results of the 2021 audit include assessment of compliance/conformance with:

- EPBC 2011/5902 conditions, provided in **Table 6**.
- CAMP (condition 10) objectives, provided in **Appendix B**.
- FMP (condition 11) management actions, provided in **Appendix C.**
- PLRP (condition 12) management actions, provided in Appendix D.

A total of 123 items were audited from EPBC 2011/5902, CAMP, FMP and PLRP.

4.1 Compliance with EPBC 2011/5902 conditions

No non-compliances with the EPBC 2011/5902 conditions were noted during the audit period, as documented in **Table 6**.

4.1.1 Conformance with the Conservation Area Management Plan

Based on the audit methodology specified in **Section 3.2.1**, no non-conformances with the requirements of the CAMP were identified during the audit, as documented in **Appendix B**.

4.1.2 Conformance with the Foreshore Management Plan

No non-conformances with the requirements of the FMP were identified during the audit, as documented in **Appendix C**.

Table 1 of the FMP required a five year monitoring period of rehabilitation works including weed management, feral pest management, bushfire management, erosion control and access management. The first report was provided in Spring 2015 as documented in the 2016 ACR. Tranen has provided the final monitoring report in Autumn 2021. Therefore, the formal audit period for the FMP has now ceased. Informal monitoring of the Table 1 items will continue with reporting to Lendlease annually until handover to the City occurs.

In accordance with the FMP (refer to audit item FMP 60), this ACR is required to contain a foreshore CBC habitat revegetation section which will include material that relates to the following:

- Revegetation completion criteria and weed monitoring.
- Revegetation and weed contingency actions if required.
- Erosion monitoring within the foreshore area.
- Report observations of feral pests.
- Temporary fencing, pathways and signage of the revegetation area.
- Report any fire incidences in the foreshore and the response.

The information required to address FMP 60 is provided in **Table 4**, and is based on advice from Lendlease (proponent), Tranen (revegetation contractor) and Georgiou (civil construction contractor).



Table 4: Foreshore CBC habitat revegetation performance

Action item	Comment for audit period				
Revegetation completion	Monitoring of the FMP completion last two years are reported below.				
criteria and weed monitoring	Year after planting	Targets	Spring 2020 (overall mean)	Autumn 2021 (overall mean	
	Survival (established plant density – both planting and seeding)	90% (Yr. 1) (equivalent to 1.8 plants/m²) 70% (Yr. 2) (equivalent to 1.4/m²)	See average plant density	See average plant density	
	Average plant density (plants/m²)	1.7 to 2 plants /m ²	2.1	2.1	
	Plant coverage (% area of visual ground cover measured by a botanist/ revegetation consultant)	25% (Yr. 1) 50% (Yr. 2)	54	60	
	Weeds coverage (%)	10%	4	1	
weed contingency actions if required	criteria. Plant cover has remained le attributed to the soil conditions cou No infill planting has been conducte revegetation is required as the site cover. The is on track to becoming management required. Weed control by herbicide spraying per the FMP requirements. Weed colonout, and no new species were contributes to dune stability, helps given the weed load in the surrounce.	upled with its aspect. ed in the FMP area during the auchas satisfactory levels of native of self-sustaining in the long-term was and manual removal continues to over was negligible across the sit identified. Weed cover is tolerated deter foot traffic, and in the long	dit period. No furt over established with minimal ongoi to be undertaken a e, except for the le	her with low weed ng as required as ookout as it	
Erosion monitoring within the foreshore area					
Report observations of feral pests	No evidence of any significant pest	activity was noted on the site.			
Temporary fencing, pathways and signage of the	Temporary fencing, boulders and signs have been installed in key areas to restrict access to the revegetation areas. Tracks not required for use have been revegetated.				
revegetation area	Regular monitoring of the tempora issues were noted.	ry tencing is carried out by the co	instruction contra	ctor and no	
Report any fire incidences in the foreshore and the response.	No fire incidents have been observe	ed to date.			



4.1.3 Conformance with the Precinct Landscape and Revegetation Plan

No non-conformances with the requirements of the PLRP were identified during the audit, as documented in **Appendix D**.

In accordance with the annual reporting requirements outlined in the PRLP (audit item PLRP 19), this ACR is required to include material related to the following:

- An update of any completed stages or tendered landscape for future stages.
- Report against planting targets and landscape survival targets.
- Update of completed tree planting for each stage.
- Amendments to precinct and staging plans.
- Updated plant schedules for each stage of the development.

The information required to address PLRP 18 is provided in **Table 5**, and is based on advice from Lendlease (proponent), Emerge Associates (landscape architect) and Nutrien Water (landscape contractor).

Table 5: Precinct Landscape and Revegetation Plan CBC habitat planting performance

Action item	Comment
Provide an update of any completed or tendered landscape for future stages.	A summary of the works undertaken during the audit period, including plant schedules provided in Appendix E.
Report against planting targets.	Tracking against the rehabilitation targets is provided in Appendix E , including tree and shrub tracking spreadsheets.
Update of completed tree planting for each stage.	An update of completed planting with CBC POS is provided in Appendix F , including specific species numbers.
Amendments to precinct and staging plans.	The most up to date precinct plan is provided in Appendix G.
Updated plant schedules for each stage of the development.	Updated plant schedules for each stage is provided in Appendix F.



Table 6: Compliance within conditions in EPBC 2011/5902

Condition Reference	Condition	Compliance Status	Comment	Evidence
1	Within 30 days after the commencement of Construction, the person taking the action must advise the Department in writing of the actual date of commencement.	CLD	This item is reported as completed in the 2014 ACR.	R21-001_Strategen EPBC 2011_5902 ACR 2014
2	The person taking the action must maintain accurate records substantiating all activities associated with or relevant to the conditions of 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.	С	Accurate records for all applicable conditions have been maintained and were available at the time of the audit and following the audit.	Refer to other items in this table and appendices.
3	Unless otherwise agreed to in writing by the Minister, the person taking the action must, within three months of every 12 month anniversary of the commencement of the action: a) publish a report on their website addressing compliance with each of the conditions of this approval, including implementation of any management plans as specified in the conditions; and b) provide to the Department documentary evidence of the date of publication and non-compliance with any of the conditions of approval	С	Lendlease published the 2020 Annual Compliance Report on the Alkimos Beach website on 11 November 2020, prior to the 5 December 2020 deadline. The 2020 ACR addresses compliance with each of the conditions of the approval, including implementation of the required management plans. It also documents one non-compliance which occurred (and was also resolved) during the 2020 audit period. DAWE was notified and provided evidence of the above via email on 11 November 2020, with DAWE acknowledging receipt on 13 November 2020.	E21-001_Lendlease_Annual compliance report 2020 to DoEE E21-002_DAWE_Acknowledgement of 2020 ACR receipt P21-001_ 2021.10.14 Emerge Associates Snapshot of AB website_MP links R21-003_Emerge Associates_EPBC20115902 ACR 2020



Table 6: Compliance within conditions in EPBC 2011/5902 (continued)

Condition Reference	Condition	Compliance Status	Comment	Evidence
4.	a) The person taking the action may choose to revise the CAMP, FMP and PLRP approved by the Minister under conditions 10, 11 and 12 without submitting it for approval (including approval under section 143A of the EPBC Act), if the taking of the action in accordance with the revised plan would not be likely to have a new or increased impact. If the person taking the action makes this choice they must: 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 • an explanation of the differences between the revised plan and the approved plan; and the reasons the person taking the action considers that taking the action in accordance with the revised plan would not be likely to have a new or increased impact. ii) Declare in writing a date on which the revised plan will first be implemented by the person taking the action. That date of initial implementation must be at least 28 days after the revised plan is submitted. b) The person taking the action may revoke their choice under condition 4.a) at any time by giving written notice to the Department, in which case from the following day the person taking the action must implement the approved plan. c) If the Minister gives a notice to the person taking the action that the Minister is satisfied that the taking of the action in accordance with the revised plan would be likely to have a new or increased impact, then: i. Condition 4.a) does not apply, or ceases to apply, in relation to the revised plan; and ii. The person taking the action must implement the approved plan. To avoid any doubt, this condition does not affect any operation of conditions 4.a) and 4.b) 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 plans required under the approval.	N/A	No revisions were made to the CAMP, FMP or PLRP during the audit period.	N/A

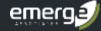


Table 6: Compliance within conditions in EPBC 2011/5902 (continued)

Condition Reference	Condition	Compliance Status	Comment	Evidence
5	Revoked.			
6	If, at any time after five years from the date of this approval, the person taking the action has not substantially commenced the action, then the person taking the action must not substantially commence the action without the written agreement of the Minister .	CLD	This item is reported as completed in the 2013 ACR.	R21-002_Lendlease EPBC20115902 ACR 2013
7	Unless otherwise agreed to in writing by the Minister , the person taking the action must publish all management plans referred to in their conditions of approval on their website. Each management plan must be published on the website within 1 month of being approved and must remain on the website for the life of the project.	С	No management plans were revised (and therefore required to be published) within the audit period. The current CAMP (v4) and FMP (v5) were published to the Alkimos Beach website on 25 August 2020, whilst the current PLRP (v6) was published on 30 April 2020, during the previous audit report All management plans are available at: https://communities.lendlease.com/western-australia/alkimos-beach/living-in-alkimos-beach/sustainability/	P21-002_Lendlease Snapshot CAMP Rev 4 on AB website P21-003_Lendlease Snapshot FMP Rev 5 on AB website P21-004_Lendlease Snapshot PLRP Rev 6 on AB website
8	The person taking the action must not clear more than 21.1 ha of Carnaby's Black Cockatoo foraging habitat from Lot 1004, 80L Romero Road and 2611 Marmion Avenue, Alkimos, Western Australia.	С	During the audit period no additional clearing of CBC foraging habitat within Lot 1004, 80L Romero Road and 2611 Marmion Avenue, Alkimos occurred. Total clearing to date is 21.01 ha.	R21-001_Roberts Day_RobertsDay CBC clearing area 2021
9	Revoked.	I		1



Table 6: Compliance within conditions in EPBC 2011/5902

Condition Reference	Condition	Compliance Status	Comment	Evidence
10.1	To protect habitat for listed threatened species, the person taking the action must prepare and submit a Conservation Area Management Plan (CAMP) detailing management of POS (designated Conservation POS at Attachment A), for the approval by the Minister. The CAMP must include: a) at least 2 ha of Carnaby's Black-Cockatoo foraging habitat to be retained and rehabilitated in POS on the project area, as shown in Attachment A, to be managed for habitat recovery, protection and conservation; b) details of supplementary planting equivalent to at least 1 ha of Carnaby's Black-Cockatoo foraging habitat on the project area (to be spread across conservation POS and ROS), including timeframes and survival targets proposed for plantings; c) measures to manage weeds and feral pests; d) bushfire prevention and management measures; e) erosion control measures; f) access management (including boardwalks, pathways, signage and fencing); g) performance indicators and corrective measures; h) monitoring and reporting measures; i) roles and responsibilities of contractors, staff and the person taking the action; and j) time frames for the implementation and management of the above measures.	CLD	This condition was noted to be compliant in the 2018 ACR and is therefore considered complete. The current version (Revision 4) of the CAMP was provided to DAWE on 14 October 2019 and first implemented on 14 November 2019.	R21-004_Strategen EPBC20115902 ACR 2018 R21-005_RPS_Conservation Area Management Plan
10.2	The CAMP must be submitted to the Department within 12 months of the date of approval.	CLD	This item is reported as completed in the 2013 ACR.	R21-002_Lendlease_EPBC20115902 ACR 2013
10.3	If the Minister approves the CAMP, the approved plans must be implemented.		monitoring period has been completed, an the CAMP have ceased to be implemented	As such, only the ongoing obligations of the od and it was found that of the five ongoing



Table 6: Compliance within conditions in EPBC 2011/5902

Condition Reference	Condition		Comment	Evidence
10.4	No construction can commence in the area shown as the No Clearing area on Attachment C until the CAMP is approved by the Minister .		This item is reported as compliant in the 2014 ACR, and is considered completed.	R21-006_Strategen_ EPBC20115902 ACR 2014
11	Attachment C until the CAMP is approved by the Minister. To protect habitat for listed threatened species, the person taking the action must prepare and submit a Foreshore Management Plan (FMP) detailing management of ROS on the project area (designated Regional Parks and Recreation at Attachment A), for approval by the Minister. The FMP must include: a) details of supplementary planting equivalent to at least 1 ha of Carnaby's Black-Cockatoo foraging habitat on the project area (to be spread across conservation POS and ROS), including timeframes and survival targets proposed for plantings; b) details of funding to be provided for long-term conservation management of ROS and details of the entity who will be responsible for management of ROS; c) measures to manage weeds and feral pests; d) bushfire prevention and management measures; e) erosion control measures; f) access management (including visitor facilities, boardwalks, pathways, signage and fencing); g) performance indicators and corrective measures; h) monitoring and reporting measures; i) roles and responsibilities of contractors, staff and the person taking the action; and j) time frames for the implementation and management of the above measures.		The current FMP (revision 5) was reviewed by DAWE and accepted under Condition 4a.	E21-003_DAWE_Confirmation revised MPs Cond4a R21-005_RPS_Alkimos Beach Commonwealth Foreshore Management Plan
11.2	The FMP must be submitted to the Department within 12 months of the date of approval.	CLD	This item is reported as completed in the 2013 ACR. The current version of the FMP has been submitted to the Department and approved in accordance with condition 4a.	R21-007_Lendlease EPBC20115902 ACR 2013 E21-003_DAWE_Confirmation revised MPs Cond4a



Table 6: Compliance within conditions in EPBC 2011/5902

Condition Reference	Condition	Compliance Status	Comment	Evidence		
11.3	If the Minister approves the FMP, the approved plans must be implemented.		The key actions of the FMP were assessed during this audit period and it was that of the 70 key actions identified within the FMP: • 1 conformant • 66 completed • 3 N/A. Monitoring of the FMP completion criteria commenced in Spring 2015 with fit completion due on 9 September 2020. The final Tranen monitoring report is t Autumn Revegetation Monitoring Report (March 2021). However, Tranen has engaged to continue with weed control and informal inspections until the site formally handed over to local government. Refer to Appendix C for further detail.			
11.4	No construction can commence in the area shown as the No Clearing area on Attachment C until the FMP is approved by the Minister.	CLD	This item is reported as compliant in the 2014 ACR and is considered completed.	R21-001_Strategen EPBC 2011_5902 ACR 2014		
12	To protect habitat for listed threatened species the person taking the action must prepare and submit a Precinct Landscape and Revegetation Plan (PLRP) for the project area, for approval by the Minister. The PLRP must include: a) measures to establish the equivalent of at least 5 ha of Carnaby's Black-Cockatoo habitat on the project area, through streetscape and landscape planting; b) at least 50% of plantings of trees and shrubs in streetscape and landscape planting must consist of plant species known to be primary feeding plants for Carnaby's Black-Cockatoo; c) timeframes and survival targets proposed for plantings; d) contingency measures if survival targets are not achieved; e) monitoring and reporting measures; f) roles and responsibilities of contractors, staff and the person taking the action; and g) timeframes for the implementation and management of the above measures.		The current PLRP (version 6) was reviewed by DAWE and approved under Condition 4a.	E21-003_DAWE_Confirmation revised MPs Cond4a E21-004_DAWE_Revised PLRP received by DAWE		



Table 6: Compliance within conditions in EPBC 2011/5902

Condition Reference	Condition	Compliance Status	Comment	Evidence	
12.2	The PLRP must be submitted to the Department within 12 months of the date of approval.	CLD	This item is reported as completed in the 2013 ACR.	R21-007_Lendlease EPBC20115902 ACR 2013	
12.3	If the Minister approves the PLRP, the approved plans must be implemented.	С	The key actions of the PLRP were assessed during this audit period and found that of the 18 actions identified within the PLRP: • 7 conformant • 1 completed • 10 N/A. Refer to Appendix D for further detail.		
12.4	No construction can commence in the area shown as the No Clearing area on Attachment C until the PLRP is approved by the Minister .	CLD	This item is reported as compliant in the 2014 ACR and is considered completed.	R21-001_Strategen EPBC 2011_5902 ACR 2014	
12A	 The person taking the action may, with written agreement of the Minister, cease to implement the CAMP, FMP and/or PRLP. If the person taking the action wishes to cease implementing the CAMP, FMP and/or PRLP, the person taking the action must submit a request to the Minister which: a) includes a report demonstrating that the outcomes and performance indicators of the approved CAMP, FMP and/or PRLP have been achieved; b) specifies the entity that will implement the CAMP, FMP and/or PRLP in the future; c) includes written agreement from the entity to implanting the approved CAMP, FMP and/or PRLP and d) sets out the entity's capacity to implement the CAMP, FMP and/or PRLP. If the Minister agrees to the request, the person taking the action may cease to implement the CAMP, FMP and/or PRLP, to maintain associated records (Condition 2) and/or report on implementation of the CAMP, FMP and/or PRLP (Condition 3). 	N/A	No application was made to cease implementing, maintaining records and reporting on implementing the CAMP, FMP and/or PRLP during the audit period.	N/A	



Table 6: Compliance within conditions in EPBC 2011/5902

Condition Reference	Condition	Compliance Status	Comment	Evidence
13.1	To offset the loss of habitat for Carnaby's Black-Cockatoo, the person taking the action must, within 12 months of the commencement of construction, provide funds to WA DEC for the acquisition, and a contribution to management of the offset described in Alkimos Lot 1004 Residential Development Mitigation and Offsets Strategy for Matters of National Environmental Significance (Eco Logical Australia, January 2012). The offset land must be at least 126 ha of freehold land in the Gingin area and contain vegetation that has equivalent or better foraging habitat for Carnaby's Black-Cockatoo, including Banksia woodland/shrubland. Within 4 weeks of the funding being provided to the WA DEC, the person taking the action must provide written evidence to the Department of the payment.	CLD	This item is reported as completed in the 2013 ACR.	R21-007_Lendlease EPBC20115902 ACR 2013
14	Within 12 months of the commencement of construction, the person taking the action must provide the Department with a description and map clearly defining the location and boundaries of the offset property described at Condition 13, which must be accompanied with the offset attributes and a shapefile.	CLD	This item is reported as completed in the 2013 ACR.	R21-007_Lendlease EPBC20115902 ACR 2013



5 References

5.1 General references

Department of Environment and Energy (DoEE) 2014, *Annual Compliance Report Guidelines*, Canberra.

Graham A Brown & Associates 2014, Environmental Audit Guidebook, Thomson Reuters.

Lendlease 2020, Precinct Landscape and Revegetation Plan (Commonwealth), Rev 6.

Office of the Environmental Protection Authority (OEPA) 2012a, Post Assessment Guideline for Preparing a Compliance Assessment Report.

Office of the Environmental Protection Authority (OEPA) 2012b, Post Assessment Guidelines for Preparing an Audit Table.

Office of the Environmental Protection Authority (OEPA) Undated, *Post Assessment Form 2 for a Statement of Compliance*, Perth, WA.

RPS 2019a, Alkimos Beach Commonwealth Foreshore Management Plan, EEL12347.001, Revision 5.

RPS 2019b, Conservation Area Management Plan (Commonwealth) Alkimos Beach, EEL12347.001-2, Revision 4.

Appendix A

CBC clearing area (Roberts Day 2021)





LEGEND



CARNABYS BLACK COCKATOO



RETENTION (0.14ha)



LOSS (21.14ha)

TOTAL AREA - 21.28ha



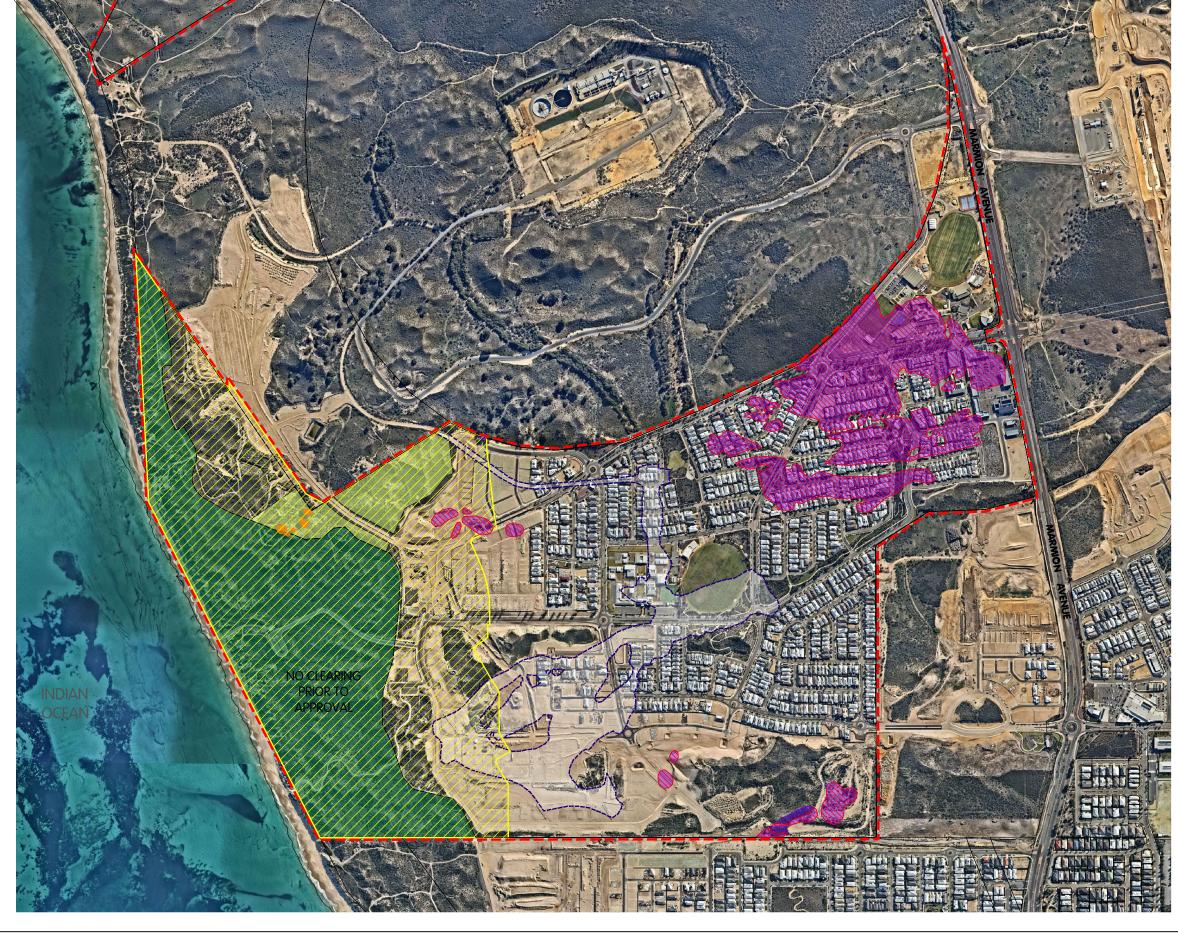
CONSERVATION POS REGIONAL OPEN SPACE



AREA PREVIOUSLY CLEARED DURING WWTP WORKS



CLEARED AREA OF CBC HABITAT - 21.01ha





AERIAL PHOTOGRAPHY SOURCE: NEARMAP YYMMDD: 210623

CADASTRAL INFORMATION SOURCE: LANDGATE YYMMDD: 101101 DWG REF: 0845cad PROJECTION: PCG94

HATCH | RobertsDay SIZE A3_1:10000

K UPDATE ORTHO
J UPDATE ORTHO
I UPDATE ORTHO & AREA CLEARED
H UPDATE ORTHO & AREA CLEARED
G CALC. CLEARED AREA OF CBC HABITAT
F UPDATE ORTHO & AREA CLEARED
E UPDATE ORTHO
REV DESCRIPTION 180822 171004 170830 160830 CARNABY'S BLACK COCKATOO - FIGURE

Alkimos Beach - South Alkimos City of Wanneroo

DRAW NO. REV. **DLL ALK** RD1 051

Appendix B



Conformance with the Conservation Area Management Plan



Table B1: Conformance with Conservation Area Management Plan

Monitoring Requirements	Conformance Status	Comment	Evidence
Measures to manage weed and feral pests	С	Weed control, both manual and with the application of herbicide was undertaken on an opportunistic basis during this audit	R21-008_Tranen_FMP CAMP Post Activity Report
		period. Only minor weed removal was required during the audit period.	R21-009_Tranen_West Side CAMP Post Activity Report
Bushfire prevention and management measures	С	Opportunistic walkovers were undertaken on various occasions to determine any areas of bushfire risk. No significant	D21-002_Emerge _Site visit audit tables and notes
		issues were noted.	R21-008_Tranen_FMP CAMP Post Activity Report
			R21-009_Tranen_West Side CAMP Post Activity Report
Erosion control measures	С	Opportunistic walkovers were undertaken on various occasions to assess erosion control measures. No significant issues	R21-008_Tranen_FMP CAMP Post Activity Report
		were noted.	R21-009_Tranen_West Side CAMP Post Activity Report
Access management (including pathways, signage and fencing)	С	Opportunistic walkovers were undertaken on various occasions to assess access control. A small hole was observed in one	D21-002_Emerge _Site visit audit tables
signage and rending/		fence on the north-western boundary of the CAMP area, but it was suggested that	R21-008_Tranen_FMP CAMP Post Activity Report
		repair was not necessary, as it provided for kangaroo movement.	R21-009_Tranen_West Side CAMP Post Activity Report
		Regular monitoring of the temporary fencing is carried by the construction contractor and no issues were noted.	R21-010_Georgiou_Alkimos Beach Fence Inspections

Appendix C



Conformance with the Foreshore Management Plan



Table C1 Conformance with Foreshore Management Plan

Reference code	Activity	Action	Timing	Conformance	Comment	Evidence			
Carnaby's I	arnaby's Black Cockatoo Habitat – Revegetation Species								
FMP 1	5.3.1 Carnaby's Black-Cockatoo habitat – revegetation species	The rehabilitation program will both complement the existing tuart trees (Eucalyptus gomphocephala) with an additional 1 ha and a portion (at least 0.93 ha) of the 1 ha supplementary planting of Carnaby's Black-Cockatoo foraging habitat.	N/A	CLD	Revegetation occurred along the access tracks shown in Figure D of the FMP. Tranen has continued to report on the work within the revegetated area including monitoring and infill planting works in accordance with their revegetation plan included as Appendix B of the FMP. Rehabilitation planting was concluded in previous years with no infill planting occurring within the current audit period. Therefore this item is considered completed.	R21-011_Tranen_FMP Spring 2020 Monitoring R21-012_Tranen_FMP Autumn 2021 Monitoring R21-020_RPS_Foreshore Management Plan			
FMP 2		A range of overstorey and understorey species will be planted in order to provide diversity to the vegetation structure and habitat. The species to be used in the rehabilitation program will include: • Acacia saligna • Allocasuarina lehmanniana • Eucalyptus gomphocephala	N/A	CLD	The list of species used in revegetation is reported in Tranen's monitoring reports and consist of a range of species including Acacia saligna, Allocasuarina lehmanniana and Eucalyptus gomphocephala. The formal audit period for the FMP has now ceased, therefore this item is considered completed.	R21-011_Tranen_FMP Spring 2020 Monitoring R21-012_Tranen_FMP Autumn 2021 Monitoring R21-020_RPS_Foreshore Management Plan			



Reference code	Activity	Action	Timing	Conformance	Comment	Evidence				
Plant Propa	Plant Propagation									
FMP 3	5.4.1 Plant Propagation	Where possible seedlings will be propagated from the seed bank. Where seed is not available of desired species, seed and seedlings will be sourced from the nearest available provenance.	N/A	N/A	No seedlings were planted or propagated during the audit period.	D21-002_Emerge _Site visit audit tables				
Seedling Pr	ropagation		•	<u>, </u>						
FMP 4	5.4.1.1 Seedling Propagation	Seedlings will be grown by nurseries that are accredited by the Nursery Industry Accreditation Scheme of Australia (NIASA)	N/A	N/A	No seedlings were planted or propagated during the audit period.	E21-007_Tranen_Alkimos Beach FMP Infill Planting 2020-2021				
Site Protec	tion			•						
FMP 5	5.4.2 Prior to Revegetation	Old vehicle access tracks are to be blocked at both ends by pushing up soil and placing large objects such as limestone boulders or large logs in front of the mounds.	N/A	CLD	Initial work in 2015 included closing of 4WD tracks using boulders and fencing within the foreshore area. The 2018 ACR confirmed vegetation and boulders have been placed in the required areas to reduce scouring from vehicles and restrict vehicle activity, therefore this item is considered completed.	R21-004_Strategen_ EPBC20115902 ACR 2018 R21-012_Tranen_FMP Autumn 2021 Monitoring				
FMP 6		A combination of rabbit exclusion fencing, tree guards, and targeted rabbit control will be employed.	N/A	CLD	No evidence of any significant pest activity was noted on the site, during the audit period. The formal audit period for the FMP has now ceased, therefore this item is considered completed. Informal monitoring will continue until handover to the City	R21-011_Tranen_FMP Spring 2020 Monitoring R21-012_Tranen_FMP Autumn 2021 Monitoring				
FMP 7		Semi permanent fencing will be installed adjacent to roads and urban subdivision areas during construction.	NA	CLD	The 2018 ACR reported that the FMP area is fenced and therefore this is considered completed.	R21-004_Strategen_ EPBC20115902 ACR 2018				



Reference code	Activity	Action	Timing	Conformance	Comment	Evidence
FMP 8		All construction activities will be restricted to the subdivision areas and will avoid the rehabilitation area.	N/A	CLD	Construction activities have been restricted to the subdivision area. The formal audit period for the FMP has now ceased, therefore this item is considered completed.	R21-012_Tranen_FMP Autumn 2021 Monitoring
Revegetati	on Site Preparation	1				
FMP 9	5.4.3 Revegetation Site Preparation	To maximise the potential for revegetation success, the area(s) that are subject to revegetation will be prepared in the following manner: • weed spraying commenced, rubbish and debris will be removed and disposed of appropriately.	N/A	CLD	Tranen has reported the site preparation management activities in biannual reports. The formal audit period for the FMP has now ceased, therefore this item is considered completed.	R21-011_Tranen_FMP Spring 2020 Monitoring R21-012_Tranen_FMP Autumn 2021 Monitoring
FMP 10		brushing and/or mulching may be used to assist stabilising soil in erosion prone locations as required.	N/A	CLD	The Tranen reports have previously stated that at both blowout locations, brushing has been repeatedly removed during the audit period by third party individuals to make various play structures. To deter the removal of brushing by the public at these locations, larger brush has now been wired to star pickets. The formal audit period for the FMP has now ceased, therefore this item is considered completed. Informal monitoring will continue until handover to the City	R21-008_Tranen_FMP CAMP Post Activity Report R21-013_Tranen_FMP Post Activity Report



Reference code	Activity	Action	Timing	Conformance	Comment	Evidence
Revegetati	on Method					
FMP 11	5.4.3 Revegetation Method	 Revegetation species will be subdivided into four categories: Beach grasses and herbaceous species adopted for the most exposed locations. Semi-stable dune colonisers adapted to partially protected areas. Plants of protected dunal situations. Plants of protected well stabilised and vegetated areas. 	NA	CLD	Tranen has reported the locations for species in Table 2 of the biannual reports, detailing the four categories as required. The formal audit period for the FMP has now ceased, therefore this item is considered completed.	R21-011_Tranen_FMP Spring 2020 Monitoring R21-012_Tranen_FMP Autumn 2021 Monitoring
Schedule						
FMP 12	Scheduling	Tube stock used in the revegetation program will be sourced from local accredited nurseries.	NA	CLD	Refer to FMP 3 and FMP 4.	
FMP 13		Planting will be carried out in winter; around June-July when the soil moisture content is high enough for optimum seedling growth without irrigation and after the existing weeds have germinated and have been sprayed.	In winter; around June- July	CLD	No planting occurred during the audit period. The formal audit period for the FMP has now ceased, therefore this item is considered completed. Informal monitoring will continue until handover to the City	E21-007_Tranen_Alkimos Beach FMP Infill Planting 2020-2021
FMP 14		Each tube stock will be planted with a plastic guard, if required, to prevent rabbits feeding on plant stock and to protect from strong winds	NA	CLD	Refer to FMP 6	



Reference code	Activity	Action	Timing	Conformance	Comment	Evidence
FMP 15		Tube stock will mostly be planted at an average density of two plants per m ² dependant on the specific plant species used. The planting density can range from 1.7 m ² to 2 m ² [as a minimum, species dependent].	NA	CLD	No planting occurred during the audit period. Tranen reported the overall mean plant density within the FMP revegetation area was 2.1 plants per m² in Spring 2020 and Autumn 2021. The formal audit period for the FMP has now ceased, therefore this item is considered completed. Informal monitoring will continue until handover to the City	R21-011_Tranen_FMP Spring 2020 Monitoring R21-012_Tranen_FMP Autumn 2021 Monitoring
FMP 16		Rabbit guards will be used (if required) for tube stocks in the revegetation areas.	N/A	CLD	Refer to FMP 6.	
FMP 17	Watering	Some tube stock will be planted with tablets/water crystals during planting to help improve survival rates. The coastal plant species to be used in the rehabilitation of areas within the ROS will be drought tolerant and therefore it is not anticipated these natives will require irrigation or extensive hand watering.	N/A	CLD	No planting occurred during the audit period. The formal audit period for the FMP has now ceased, therefore this item is considered completed.	E21-007_Tranen_Alkimos Beach FMP Infill Planting 2020-2021
FMP 18	Seedling Planting	Seedlings will be directly planted using planting tubes. Seedlings will be watered before delivery to site on the day of planting.	N/A	CLD	No planting occurred during the audit period.	E21-007_Tranen_Alkimos Beach FMP Infill Planting 2020-2021
FMP 19	Seed treatment and Direct Seeding	All seed to be utilised will be pre-treated prior to seeding to break dormancy factors. This will include aerosol smoke treatment, mechanical scarification, or hot water treatment as appropriate to individual species. Seed will then be combined with a bulking agent to facilitate even distribution across the site. Hand broadcasting will be the application technique as this will permit even dispersal of all seed sizes.	N/A	CLD	The maintenance activities undertaken during this audit period did not include direct seeding. The formal audit period for the FMP has now ceased, therefore this item is considered completed. Informal monitoring will continue until handover to the City	E21-007_Tranen_Alkimos Beach FMP Infill Planting 2020-2021



Reference code	Activity	Action	Timing	Conformance	Comment	Evidence
FMP 20	Signage	To assist in preventing unauthorised access and trampling of revegetation efforts, signage where appropriate will be installed.	N/A	CLD	Signage was previously installed as detailed in the 2015 ACR and has been monitored since with one replacement in 2019. No sign damage was noted in this audit period. The formal audit period for the FMP has now ceased, therefore this item is considered completed.	R21-008_Tranen_FMP CAMP Post Activity Report R21-013_Tranen_FMP Post Activity Report R21-018_Strategen_ EPBC20115902 ACR 2015 R21-003_Emerge Associates_EPBC20115902 ACR 2020
FMP 21	Rehabilitation Strategy	The 'Completely Degraded' areas will be planted at an average density of 1.8 plants / m² (the density planting can range from 1.7 m² to 2 m²) dependent on the Carnaby's Black-Cockatoo foraging habitat species plant.	N/A	CLD	Refer to FMP 15	
FMP 22	Weed Management	If weeds are considered an issue within the rehabilitation area, a weed spraying program to control weed species, prior to installation of seeds and seedlings will be implemented.	Spring prior to initial rehabilitation and spring and autumn post planting	CLD	Weed control (both spraying and manual removal) continues to be undertaken as per the FMP requirements. Tranen has reported weed management activities in biannual reports. The formal audit period for the FMP has now ceased, therefore this item is considered completed. Informal monitoring will continue until handover to the City	R21-011_Tranen_FMP Spring 2020 Monitoring R21-012_Tranen_FMP Autumn 2021 Monitoring R21-008_Tranen_FMP CAMP Post Activity Report R21-013_Tranen_FMP Post Activity Report



Reference code	Activity	Action	Timing	Conformance	Comment	Evidence	
FMP 23		Selective herbicides (i.e. grass or broadleaf-specific) will be favoured over general knockdown herbicides.	NA	CLD	Where weeds were present, weed control activities and herbicide spraying was targeted to avoid native plants. The formal audit period for the FMP has now ceased, therefore this item is considered completed.	R21-012_Tranen_FMP Autumn 2021 Monitoring R21-008_Tranen_FMP CAMP Post Activity Report	
FMP 24		To ensure that off-target damage is minimised, herbicide spraying operators will only be engaged if they: • are appropriately qualified and licensed in herbicide application • have demonstrated experience in the ability to identify, and distinguish between, native and weed species • are familiar with the most appropriate control measures, timing, herbicides, and application rates for the target species	NA	CLD	Tranen is qualified to apply herbicid revegetation and have been involve years. The formal audit period for the FMI this item is considered completed.	herbicides and manage involved in the project for several the FMP has now ceased, therefore	
FMP 25		Weed spraying will be undertaken to manage the abundance and spread of weed species into and within the revegetation area if required.	Contingency	CLD	Weed control by herbicide spraying and manual removal occurred on numerous occasions between September 2020 and July 2021. The formal audit period for the FMP has now ceased, therefore this item is considered completed.	R21-011_Tranen_FMP Spring 2020 Monitoring R21-012_Tranen_FMP Autumn 2021 Monitoring R21-008_Tranen_FMP CAMP Post Activity Report R21-013_Tranen_FMP Post Activity Report	



Reference code	Activity	Action	Timing	Conformance	Comment	Evidence				
Post-rehab	Post-rehabilitation Management									
FMP 26	5.6 Post- rehabilitation Management	To ensure longer-term success of the 1 ha rehabilitation and supplementary planting areas, the rehabilitation areas will be monitored and maintained for five years following initial seedling installation.	5 years post revegetation	CLD	Tranen was contracted in June 2015 to perform rehabilitation activities and will continue with the monitoring and maintenance in the foreshore area for five years with a final monitoring report provided in Autumn 2021 The formal audit period for the FMP has now ceased, therefore this item is considered completed. Tranen has been engaged to continue with weed control and informal inspections until the site is formally handed over to local government.	R21-011_Tranen_FMP Spring 2020 Monitoring R21-012_Tranen_FMP Autumn 2021 Monitoring				



Reference code	Activity	Action			Timing	Conformance	Comment	Evidence	
FMP 27	5.6.1 Completion Criteria	If completion criteria are not met, further infill planting will be required.				NA	CLD	Completion criteria have been met.	R21-011_Tranen_FMP Spring 2020 Monitoring
		Year after Planting	Year 1	Year 2	Autumn 2021			The formal audit period for the FMP has now ceased, therefore this item is considered completed. Informal monitoring will continue until handover to the City	R21-012_Tranen_FMP Autumn 2021 Monitoring
		Survival (established plant density both planting and seeding)	90% (equivalent to 1.8 plants /m2)	70% (equivalent to 1.4 plants /m2)	See below				
		Average plant density (plants/m2)	1.8 to 2.7	1.8 to 2.7	2.1				
		Plant coverage (% area of visual ground cover measured by a botanist/revegetation consultant)	25%	50%	60 %				
		Weeds coverage	No greater than 10% cover	No greater than 10% cover	1%				
Rehabilitation and Weed Monitoring and Performance Criteria									
FMP 28	5.7 Rehabilitation and Weed Monitoring	At the end of rehabilitation and planting activities, a report will be provided detailing the quantities of seedlings installed and seed broadcast, and any variations from the Tranen FMP revegetation plan. This will be used as baseline data for comparison in future monitoring assessments.				At the end of each planting event	CLD	Tranen has reported the rehabilitation management activities in biannual reports. The formal audit period for the FMP has now ceased, therefore this item is considered completed. Informal monitoring will continue until handover to the City.	R21-011_Tranen_FMP Spring 2020 Monitoring R21-012_Tranen_FMP Autumn 2021 Monitoring



Reference code	Activity	Action	Timing	Conformance	Comment	Evidence
FMP 29		The revegetation areas will be monitored biannually (includes weed monitoring) each spring and autumn, and maintained for a five-year period after installation (months are nominated rather than specific, as plant growth cycles are dependent on weather).	Biannually (Spring and Autumn) for 5 years	CLD	Tranen has reported the rehabilitation management activities in biannual reports for Spring 2020 and Autumn 2021. The formal audit period for the FMP has now ceased, therefore this item is considered completed. Informal monitoring will continue until handover to the City.	R21-011_Tranen_FMP Spring 2020 Monitoring R21-012_Tranen_FMP Autumn 2021 Monitoring
FMP 30		A monitoring report will be undertaken following each formal monitoring event, to assess if there are any issues requiring attention.	Following each formal monitoring event	CLD	Refer to FMP 29.	
FMP 31		One monitoring plot, of 2.5 m x 5 m will be established per revegetation area as well as one permanent photograph reference point at each monitoring plot.	NA	CLD	Refer to FMP 29.	
FMP 32		Photographic records will be captured prior to construction and annually to qualitatively assess density, diversity and weed cover.	Prior to construction and annually	CLD	Refer to FMP 29.	
FMP 33		The first assessment in spring will assess the developing threats to the stabilisation of each area and the short-term survival of the seedlings and weed cover. Any problems will be identified early so that comprehensive treatment(s) of the issue can be undertaken, and additional seedlings propagated if required.	Spring	CLD	This occurred prior to the audit period. Refer to the 2016 ACR.	R21-015_Strategen_ EPBC20115902 ACR 2016
FMP 34		The second assessment in the following Spring will determine if there are any losses over the dry summer period, and this will form the basis for the maintenance winter program.	In the following Spring	CLD	This occurred prior to the audit period. Refer to the 2017 ACR.	R21-019_Strategen_ EPBC20115902 ACR 2017



Reference code	Activity	Action	Timing	Conformance	Comment	Evidence	
FMP 35		The third and subsequent rehabilitation assessments will occur in Autumn and then the subsequent Spring.	In the following Autumn then Spring	CLD	This occurred prior to the audit period. Refer to the 2018 and 2019 ACR.	R21-004_Strategen_ EPBC20115902 ACR 2018 R21-014_Emerge Associates_EPBC20115902 ACR 2019	
FMP 36	-	Further remedial works may include additional revegetation works, weed management, rabbit control, additional monitoring.	Following assessments	CLD	Refer to FMP 26 for remedial works.		
Corrective	Measures						
FMP 37	5.7.1 Corrective Measures	Monitoring and management corrective measures that may be required in the five years include but are not limited to the following: • Re-brushing or re-mulching areas • Ongoing weed management • Replanting in areas • Tree guard repair/replacement • Fence, sign and pathway maintenance	In the five years (biannual monitoring)	CLD	Monitoring and corrective measures for the previous years have been reported on in the corresponding ACRs. The following management activities have been undertaken throughout the audit period: • weed control by herbicide spraying and manual removal • site inspections for rabbits • fence inspections and maintenance • informal site inspections of signs and pathways. No planting or tree guards were required . Refer to FMP 6. The formal audit period for the FMP has now ceased, therefore this item is considered completed. Informal monitoring will continue until handover to the City	R21-008_Tranen_FMP CAMP Post Activity Report R21-013_Tranen_FMP Post Activity Report R21-010_Georgiou_ Alkimos Beach Fence Inspections	

Alkimos Beach



Reference code	Activity	Action	Timing	Conformance	Comment	Evidence
FMP 38		Where the % weed species cover exceeds the 10% cover limit, additional weed spraying will be undertaken to reduce the abundance and spread of weed species into and within the FMP area.	Summer	CLD	The average weed cover does not exceed 1%, however additional weed control has occurred to reduce weeds where necessary. The formal audit period for the FMP has now ceased, therefore this item is considered completed. Informal monitoring will continue until handover to the City.	R21-011_Tranen_FMP Spring 2020 Monitoring R21-012_Tranen_FMP Autumn 2021 Monitoring
FMP 39		All the contingency measures listed in Table 5 (of FMP) will be implemented if the target seedling survival completion criteria fall below 70% in two consecutive events.	Following assessments	CLD	Seedling survival is above 90% in two consecutive events. The formal audit period for the FMP has now ceased, therefore this item is considered completed. Informal monitoring will continue until handover to the City.	R21-011_Tranen_FMP Spring 2020 Monitoring R21-012_Tranen_FMP Autumn 2021 Monitoring
Feral Pests						,
FMP 40	5.8 Feral Pests	A combination of rabbit exclusion fencing, tree guards, and targeted rabbit control will be employed over a five year period. Where appropriate, seedlings located outside of these areas will be protected with tree guards. The guards will be rigid corflute held in place with hardwood stakes. A rabbit control program will also be initiated in advance of site works to provide longer term protection to seedlings. This will include a combination of warren destruction, rabbit haemorrhagic disease virus (RHDV) release, and Pindone baiting. Each tube stock will be planted with a plastic guard to prevent rabbits feeding.	Over 5 years	CLD	Refer to FMP 37.	
FMP 41		Observe for evidence of feral animals during the revegetation monitoring (biannually).	Biannually, during monitoring.	CLD	Refer to FMP 37.	

Integrated Science & Design



Reference code	Activity	Action	Timing	Conformance	Comment	Evidence		
FMP 42		Feral Pest Corrective Measures: Table 7 Implement additional rabbit control measures including fencing and biological controls	Contingency	CLD	Refer to FMP 37.			
FMP 43		Re-plant seedlings / revegetate areas impacted by rabbits	Contingency	CLD	Refer to FMP 37.			
FMP 44	1	Repair rabbit exclusion fencing and replace damaged tree guards.	Contingency	CLD	Refer to FMP 37.			
Monitoring	and Reporting			•				
FMP 45	5.8.6 Monitoring and Reporting	The revegetation areas will be monitored biannually each spring and autumn and maintained for a five year period after installation within each site.	Biannually (Spring and Autumn) for 5 years	CLD	Refer to FMP 29.			
FMP 46		Foxes, rabbits and feral cats as part of the revegetation monitoring program will also be monitored and if observed reported.	NA	CLD	Refer to FMP 40.			
FMP 47		The monitoring report will be submitted to Lendlease following each formal monitoring event, and will focus on the impacts to planted seedlings, tree guards and ensuring the rabbit fence remains intact.	After monitoring event	CLD	The biannual monitoring reports were provided by Lendlease, which confirms that Tranen submitted the biannual reports to Lendlease. The formal audit period for the FMP has now ceased, therefore this item is considered completed. Informal monitoring will			
					continue until handover to the City	•		
Bushfire M	anagement Key Ad	ctions						
FMP 48	Table 9: Bushfire Management Key Actions	No rubbish or vegetation will be burnt on site.	NA	CLD	Tranen has reported no signs of burning of rubbish or vegetation during their revegetation events or informal site visits. The formal audit period for the FMP has now ceased, therefore this item is considered completed. Informal monitoring will continue until handover to the City.	D21-002_Emerge _Site visit audit tables		



Reference code	Activity	Action	Timing	Conformance	Comment	Evidence
FMP 49		Construct perimeter roads and pathways between the ROS and residential areas to act as the key firebreak(s)	NA	CLD	The 2018 ACR confirmed that this action was compliant and therefore this is considered completed.	R21-004_Strategen_ EPBC20115902 ACR 2018
FMP 50		During construction works a semi-permanent fencing will be installed around the FMP boundary interface with the urban development (subdivision) works to prevent access into the revegetated areas and the broader FMP area.	NA	CLD	The 2018 ACR indicates that fencing has been installed around the perimeter of the ROS prior to handover to the CoW. Therefore, this action is considered to be completed.	R21-004_Strategen_ EPBC20115902 ACR 2018
FMP 51		Corrective measure will include replanting Carnaby's Black Cockatoos habitat and repair damage to fences as required.	NA	CLD	Refer to FMP 26.	
Monitoring	g and Reporting					
FMP 52	5.9.6 Monitoring and Reporting	Any bushfire event in the foreshore will be reported to DFES and the City of Wanneroo.	NA	CLD	There have been no bushfire events recorded during the audit period. The formal audit period for the FMP has now ceased, therefore this item is considered completed. Informal monitoring will continue until handover to the City.	D21-002_Emerge _Site visit audit tables
FMP 53		The annual monitoring report will include details of fire events.	After monitoring event	CLD	Refer to FMP 51.	
FMP 54		The monitoring of the Carnaby's Black-Cockatoo existing and rehabilitation foraging areas will be undertaken biannually each spring and autumn and maintained for a five-year period.	Each Spring and Autumn	CLD	Refer to FMP 28.	



Reference code	Activity	Action	Timing	Conformance	ormance Comment Evidence			
Erosion Cor	ntrol Key Actions							
FMP 55	5.10.4 Table 11: Erosion Control	Placement of brush/mulch over revegetation areas susceptible to potential erosion to a depth of 50 mm.	NA	CLD	Refer to FMP 37.			
FMP 56	Key Actions	Undertake revegetation of bare/open areas in accordance with the FMP Revegetation Management Plan (Tranen 2015)	NA	CLD	Refer to FMP 37.			
FMP 57		Installation of temporary fencing in/around the revegetation area.	NA	CLD	Refer to FMP 37.			
FMP 58		Conservation fencing to the City of Wanneroo's requirements will be installed along the borders of the FMP which is adjacent to the Alkimos Beach subdivision prior to handover to the City of Wanneroo.	NA	CLD	Refer to FMP 7.			
FMP 59		A proportion of the rehabilitation works will be undertaken on old vehicle access tracks. These tracks are to be blocked at both ends to prevent future vehicle access in these areas.	NA	CLD	Refer to FMP 5.			
Monitoring	and Reporting							
FMP 60	5.10.6 Monitoring and Reporting	Monitoring of the erosion / open areas in the revegetation area will be biannually each spring and autumn and maintained for a five year period as part of the revegetation monitoring.	Biannually (Spring and Autumn) for 5 years	CLD	Refer to FMP 28.			
FMP 61		The monitoring report will be submitted to Lendlease following each formal monitoring event, to assess if there are any erosion issue(s) requiring attention.	After monitoring event	CLD	Refer to FMP 46.			
Access Mar	nagement: Beach A	Access Key Actions		•				
FMP 62	5.11.4 Table 13: Beach	Closure of old vehicle access tracks for rehabilitation in accordance with the FMP Revegetation Management Plan (Tranen 2015).	Post construction	CLD	Refer to FMP 57.			
FMP 63	Access Key Actions	During construction works a semi-permanent fencing will be installed around the FMP boundary interface with the road and urban development (subdivision) works to prevent access into the revegetated areas and the broader FMP area.	NA	CLD	Refer to FMP 49.			



Reference code	Activity	Action	Timing	Conformance	Comment	Evidence	
FMP 64	Undertake additional rehabilitation work of areas impacted from any unauthorised access within the revegetation areas.		NA	CLD	The 2020 Spring and 2021 Autumn Tranen monitoring reports reported no evidence of unauthorised access. The formal audit period for the FMP has now ceased, therefore this item is considered completed. Informal monitoring will continue until handover to the City.	R21-008_Tranen_FMP CAMP Post Activity Report R21-013_Tranen_FMP Post Activity Report	
FMP 63		Undertake additional weed management if the monitoring determines the weed cover is above the 10% cover	NA	CLD	Refer to FMP 37.		
FMP 64		Ensure the fences if damaged are repaired or replaced.	NA	CLD	Refer to FMP 37.		
Monitoring	g and Reporting			•			
FMP 65	4.9.6 Monitoring and Reporting	Monitoring for unauthorised access will occur as part of the rehabilitation monitoring (biannually spring and autumn) which will be occur for a five-year period.	Annually until handover to the City of Wanneroo	CLD	Monitoring was completed by Tranen in spring and autumn in audit period, and included monitoring for unauthorised access. Tranen reported no unauthorised access in the biannual reports. The formal audit period for the FMP has now ceased, therefore this item is considered completed. Informal monitoring will continue until handover to the City.	R21-011_Tranen_FMP Spring 2020 Monitoring R21-012_Tranen_FMP Autumn 2021 Monitoring	



Reference code	Activity	Action	Timing	Conformance	Comment	Evidence
FMP 66		The monitoring report will be submitted to Lendlease following each formal monitoring event, to assess if there are any erosion issue(s) requiring attention.		CLD	Tranen provided the autumn and spring monitoring reports to Lendlease following the monitoring events. The formal audit period for the FMP has now ceased, therefore this item is considered completed. Informal monitoring will continue until handover to the City.	R21-012_Tranen_FMP Autumn 2021 Monitoring
FMP 67	6.0 Compliance Reporting	To satisfy Condition 3 of the EPBC Act approval, Lend Lease will publish a compliance report every 12 months from the commencement of the construction works.	Annually	С	Refer to Condition No 3 in Table 6.	
FMP 68		The compliance report will contain a ROS area Carnaby's Black-Cockatoo habitat rehabilitation section which will include the following: • rehabilitation completion criteria and weed monitoring • revegetation and weed contingency actions if required • erosion monitoring within the rehabilitation area • observations of feral pests • temporary fencing and signage of the rehabilitation area • fire incidences and the response.	Annually	CLD	The 2021 compliance report contains the relevant Carnaby's Black Cockatoo habitat rehabilitation section in Table 4 . The formal audit period for the FMP has now ceased, therefore this item is considered completed.	R21-003_Emerge Associates_EPBC20115902 ACR 2020 R21-012_Tranen_FMP Autumn 2021 Monitoring
Land Owne	ership and Funding			•		
FMP 69	6.1 Land Ownership and Funding	All foreshore access and community infrastructure works will be undertaken by Lendlease, and then maintained for a period of five years after practical completion.	For a period of five years.	CLD	Refer to FMP 36. Tranen has completed the five-year behalf of Lendlease. Tranen continumonitoring on an informal basis.	•



Reference code	Activity	Action	Timing	Conformance	Comment	Evidence
City of War	nneroo Handover a	nd Long-Term Management				
FMP 70	7.2 Post- handover implementation	Key management actions defined in this FMP are the responsibility of Lendlease for a period of five years or until the area or parts thereof are handed over to the City of Wanneroo. Post the fifth year and once Lendlease is in a position to hand over the area or parts thereof to the City, an audit report demonstrating compliance with the FMP management actions will be provided to the Commonwealth Department of Environment and Energy and the City of Wanneroo. The management actions outlined include: • Carnaby's Black Cockatoo revegetation and weed management • Fencing and signage installed • Feral pest management implemented • Bushfire, erosion and access management implemented.	After a minimum of five years and following handover.	N/A	Lendlease is not in a position yet to	handover the FMP area.



Conformance with the Precinct Revegetation and Landscape Plan

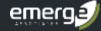


Table D1: Conformance with the Precinct Landscape and Revegetation Plan

Reference code	Action		Timing	Conformance	Comment	Evidence
Section 3 Pl	anting schedule					
PLRP 1	Table 3 Objectives, targets and indi	cators – replication of 5 ha of Carnaby's habitat	Revegetation - during	- C	No additional CBC POSs have been constructed	D21-003_Emerge Alkimos POS actual and proposed
	Objective	Performance indicator	revegetation		during this audit period.	CBC plant species
	Establish the equivalent of at least 5 ha of Carnaby's Black- Cockatoo habitat within the project area, through landscape planting.	1) Establish at least 2,500 CBC habitat trees within the project area across a selected number of public open space (POS) areas 2) Within the POS areas delineated by (1) above, at least 50% of plantings of trees and shrubs consist of plant species known to be primary feeding plants for Carnaby's Black Cockatoos. The establishment and survival of tree and shrub plantings is to the satisfaction of the City of Wanneroo. 3) The City of Wanneroo accepts handover of landscape plantings of trees and shrubs established in the selected POS areas in accordance with (1) and (2) above.			A total of 3527 CBC habitat trees have been planted to date with 4195 remaining to achieve 7722 CBC trees across 5.051 ha. The completed Parks A, D, F, F1, F2, PAW, G and U contribute a total of 2.394 ha (or 47%) of the overall target of the 5.051 ha of CBC habitat. These parks have 18% CBC species (trees and shrubs) The future POS areas (Parks J, O, P and R) will require 82% CBC species (trees and shrubs) over 2.657 ha to achieve the required 50%. Refer to PRLP 8 for details of POS handover.	D21-004_Emerge Alkimos Beach CBC plant tracking spreadsheet VN L21-004_Emerge PLRP Completion of CBC Parks U, D & F R21-004_Strategen_ EPBC20115902 ACR 2018



Reference code	Action							Timing	Conformance	Comment	Evidence
PLRP 2	Table 4 provides an indicative Precinct by Precinct breakdown of the Carnaby's Cockatoo tree targets (refer to Appendix G for a map) to track progress against the ultimate target described in Table 4 of the PRLP (reproduced below), across all precincts. These are interim targets for monitoring purposes only; the total of 2,500 trees remains the ultimate compliance target. PRLP Table 4: Precinct breakdown of Carnaby's Cockatoo tree targets				gainst the oss all	Revegetation - during planning	N/A	No additional CBC POS areas have been constructed during this audit period.	D21-005_Lendlease_EPBC Act compliance audit 2021 - documentation required		
	Precinct	Area (ha)	Carnaby's Tree Target	Target > 5 ha CBC habitat (ha)	Target >2,500 CBC species	CBC primary feeding plants	Non- CBC primary feeding plants				
	1	50.30	1,000	1.483	1,594	10,840	40,911				
	2	47.87	500	0.911	1,968	3,810	14,072				
	3	32.51	500	1.124	1,846	36,159	9,040				
	_4	43.89	500	1.532	1,580	41,011	10,253				
	TOTAL			5.051	6,988	91,820 (55%)	74,276 (45%)				
PLRP 3	prepared a	nd updated	stage of the de d as required a toward compl	nd will be use	d as a guide	to check th		Revegetation - during planning	N/A	No additional CBC POS areas have been constructed during this audit period.	D21-005_Lendlease_EPBC Act compliance audit 2021 - documentation
PLRP 4	All future planting schedules and landscape designs will be in accordance with the targets in the PLRP.							Revegetation - during planning	С	The tracking sheet provides guidance for future landscape designs. In addition, the future planting requirements were also provided to the contractor.	D21-003_Emerge _Alkimos POS actual and proposed CBC plant species D21-004_Emerge_Alkimos Beach CBC plant tracking spreadsheet VN



Reference code	Action				Timing	Conformance	Comment	Evidence
Section 4 M	lonitoring, Reporting a	and Review						
PLRP 5	measures for achievi	Table 5 includes timeframes, contingency measures, monitoring and reporting measures for achieving Condition 12 of EPBC 2011/5902. <i>Table 5: Monitoring actions</i>					Annual update of the monitoring actions and records has occurred.	D21-003_Emerge _Alkimos POS actual and proposed CBC plant species
	Performance indicator	Monitoring Actions	Type of monitorin g action	Timing			No CBC POS areas were constructed or achieved practical completion	D21-004_Emerge_Alkimos Beach CBC plant tracking spreadsheet VN
	Establish at least 2,500 CBC habitat trees within landscape plantings in the project area across a selected	Review landscape plans, plant orders and planting schedules to determine number and type of species planted (i.e. CBC species)	Desktop review	Annually			Nutrien Water, the landscaping contractor, has provided a record	D21-005_Lendlease_EPBC Act compliance audit 2021 - documentation
	number of public open space (POS) areas.	Record the species, location and number of CBC plants installed during the planting phase.	Within each precinct where planting has been undertaken	During planting			of the species planted within POSs A, G and S. Infill planting occurred within POS G and POS S.	D21-006_Lendlease _ABE stock report_POS G infill D21-007_Lendlease _ABE stock report_POS S infill
	Within the Richard Plantings of delineated above, at least 50% of ty	Monitor success of species planted and determine whether infill planting is required.	Within each precinct	Annually until handover of each planting stage to City of Wanneroo			Nutrien Water provided a record of the infill plantings.	R21-016_Nutrien Water_CBC Species Monitoring POS A, G, S
		Review landscape plans, plant orders and planting schedules to determine number and type of species planted (i.e. CBC species).	Desktop review	Annually			Refer to PLRP 1 for information on records determined from monitoring.	G , , ,
	and shrubs consist of plant species known to be primary feeding	Record the species, location and number of CBC plants installed during the planting phase.	Within each precinct where planting has	During planting				
	plants for Carnaby's Black Cockatoos.	Monitor success of species planted and determine whether infill planting is required.	been undertaken	Annually until handover of each planting stage to City of Wanneroo				



Reference code	Action	Timing	Conformance	Comment	Evidence					
Section 4.1	Section 4.1 Survival targets									
PLRP 6	Following the completion of a landscaping stage (POS or streetscape), the landscape architects visit the area on behalf of Lendlease to ensure the specifications have been met by the contractor (including the planting of specified Carnaby's Black Cockatoo species as documented within the approved design drawings).	During Construction	N/A	No CBC POS areas were constructed or achieved practical completion within this audit period.	D21-005_Lendlease_EPBC Act compliance audit 2021 - documentation					
PLRP 7	Prior to handover to the City, Lendlease will ensure the 90% plant survival target is met to enable the handover to the City to be finalised.	During Construction	С	No CBC Parks have been handed over to the City in this auditing period. Lendlease has advised that Nutrien Water, the landscaping contractor, undertakes regular maintenance checks of completed POS areas to ensure that they meet a 90% survival target prior to handover. Lendlease has confirmed that they will continue to monitor this area to ensure it meets the 90% target prior to handover.	D21-005_Lendlease_EPBC Act compliance audit 2021 - documentation					



Reference code	Action	Timing	Conformance	Comment	Evidence								
Section 4.2	Section 4.2 Timeframes for the implementation												
PLRP 8	Handover to the City will be undertaken a minimum of 2 years after practical completion.	24 months following planting	N/A	No CBC parks were completed in this auditing period. Handover of POS D, U, F, F1, F2 and PAW to the CoW occurred after a minimum of 2 years after practical completion. The remaining POS are either yet to achieve practical completion or are yet to be handed over to the City.	D21-005_Lendlease_EPBC Act compliance audit 2021 – documentation R21-003_Emerge Associates_EPBC20115902 ACR 2020								
PLRP 9	Following handover, maintenance of streetscapes and POS will be managed by the City.	On-going following handover	N/A	No CBC parks were completed in this auditing period.	N/A								
PLRP 10	Handover of planting across the site will be staged in accordance with the park and street delivery. All parks and streets are expected to be handed over by the completion of the project. Refer to the indicative precinct plan in Appendix G for the breakdown of park and street delivery across the Estate.	On completion of each area During Construction	N/A	No handover has occurred during this audit period.	N/A								



Reference code	Action	Timing	Conformance	Comment	Evidence
Section 4.3	City of Wanneroo process				
PLRP 11	For each stage of landscaping (streetscape or POS) a detailed design is submitted to the City for their review and approval.	Pre- construction	N/A	No new stages of landscaping associated with CBC habitat were proposed to commence construction in this audit period and therefore no detailed designs were submitted to the City for their review and approval.	N/A
PLRP 12	The City assesses each design to ensure it complies with their standards and confirms that ultimately the City will be able to manage the area following the required 2 year maintenance period.	Handover	N/A	No handover has occurred during this audit period.	N/A
PLRP 13	As the management of the park in the long term is undertaken by the City, a City officer visits the area prior to handover of a stage to the City, to ensure it meets the specifications (and therefore planting of specified Carnaby's Black Cockatoo species as documented within the approved design drawings) and survival targets.	Prior to handover	N/A	No handover has occurred during this audit period.	N/A
PLRP 14	Once a stage of landscaping is handed over to the City, the requirements of the Condition for that park and streetscape are considered complete. The City accepts no liability for the requirements of the conditions of the EPBC Act approval and will not report on the ongoing management of the Carnaby's species.	Handover	N/A	Refer to Condition 12 A1	in Table 6 .
PLRP 15	Due to the City requirements streetscape works in residential streets will be completed at the time of the front yard landscaping by the landscape contractor. In this instance it is incumbent on the landscape contractor to ensure that planting schedules meet the PLRP requirements.	Prior to approval of management plans	С	There are no requirements for streetscape planting within the PLRP.	D21-002_Emerge _Site visit audit tables
PLRP 16	Clearing within the 'no clearing area' on Attachment C of EPBC 2011/5902 is not permitted to commence until the Management Plans required under Condition 10-12 of the approval are approved.	Prior to approval of management plans	CLD	Action assessed as completed during 2014 ACR.	R21-006_Strategen_ EPBC20115902 ACR 2014



Reference code	Action	Timing	Conformance	Comment	Evidence
Section 4.4	Annual reporting requirements				
PLRP 17	Lendlease is required to submit an ACR in accordance with Condition 3 of EPBC 2011/5902, as detailed below: '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, including implementation of any management plans as specified in the conditions. Documentary evidence providing proof of the date of publication and non-compliance with any of the conditions of this approval must be provided to the Department at the same time as the compliance report is published. Each management plan must be published on the website for the length of the approval.'	Annually	С	Refer to Condition No. 3 i	in Table 6 of this document.
PLRP 18	In accordance with the PLRP the following details are required to be included in the ACR: • An update of any completed stages or tendered landscape for future stages. • Report against planting targets and landscape survival targets. • Update of completed tree planting for each stage. • Amendments to precinct and staging plans. • Updated plant schedules for each stage of the development.	Annually	С	No additional CBC POS areas were constructed this audit period. The 2020 ACR provides a summary of the current status of the project, including works undertaken during the audit period and practical completion. Future planting schedules were provided in Appendix E of the ACR and tracking against the rehabilitation targets and the revised staging plan was provided in Appendix G.	D21-002_Emerge _Site visit audit tables D21-005_Lendlease_EPBC Act compliance audit 2021 - documentation R21-003_Emerge Associates_EPBC20115902 ACR 2020

Appendix E

Plant schedules



Precinct	Park	Status	Actual Area	Planting Area (m2) ^[1]	Plantin	g Area	Use	Classification	Tre	ees	Shr	rubs	Total	Total	Total	Comments
				` ′	(ha)	(%)			CBC	Non-CBC	CBC	Non-CBC	CBC	Non-CBC		
1	Α	Complete	1,966	786	0.079	40%	Local	Passive Open Space	18	45	63	1,715	81	1,760	1,841	
1	D	Complete#	921	461	0.046	50%	Local	Passive Open Space	31	13	243	709	274	722	996	D & E built as one stage, handed over to CoW 06/19
1	F	Complete [#]	12,658	6,962	0.696	55%	Neighbourhood	Passive Open Space	150	129	374	21,790	524	21,919	22,443	F, F1 & F2 built as one stage, handed over to CoW 09/19
1	F1	Complete [#]	1,071	643	0.064	60%	Local	Passive Open Space								F, F1 & F2 built as one stage, handed over to CoW 09/19
1	F2 PAW	Complete#	843	801	0.080	95%	Local	Passive Open Space								F, F1 & F2 built as one stage, handed over to CoW 09/19
2	G	Complete	2,425	2,183	0.218	90%	Local	Natural - Conservation Interface	455	63	927	4,133	1,382	4,196	5,578	
3	J	Future*	11,195	9,516	0.952	85%	Neighbourhood	Reflect and Restore - Dune Link	1,905	30	28,390	7,356	30,295	7,386	37,681	~80% of plantings to POS portion are CBC feeding species
3	0	Future*	1,818	1,727	0.173	95%	Local	Passive Open Space	710	-	5,454	566	6,164	566	6,730	~80% of plantings to POS portion are CBC feeding species
4	Р	Future*	12,058	4,582	0.458	38%	INeighbourhood	Active Park - Include area of high natural value	10	15	12,210	2,640	12,220	2,655		~80% of plantings to POS portion are CBC feeding species
4	R	Future*	13,100	10,742	1.074	82%	Neighbourhood	Natural - Conservation interface	1,570	20	27,221	6,680	28,791	6,700	35,491	~80% of plantings to POS portion are CBC feeding species
2	S	Complete	20,372	6,926	0.693	34%	Neighbourhood	Reflect and Restore - Dune Link	1,513	33	86	11,721	1,599	11,754	13,353	
1	U	Complete [#]	39,862	5,182	0.518	13%	Neighbourhood	Active Park - Include area of high natural value	1,360	120	7,255	18,042	8,615	18,162	26,777	Handed over to CoW 06/19
Totals			118,289	50,510	5.05				7,722	468	82,223	75,352	89,945	75,820	165,765	

Summary 'CBC parks' only (Cond	d 12a & 12b)	Cond 12b		Cond 12a	. .				Cond 12b	
				Trees	(non	Total Shrubs	(non		& shrubs	Total trees
Parks and planting areas i.e. allo	cated to CBCs (in ha)			(CBC)	CBC)	(CBC)	CBC)	(CBC)	(non CBC)	& shrubs
Existing Parks A, D, F, G, S, U:	2.394			3,527	403	8,948	58,110	12,475	58,513	70,988
		% of CBC primary fe	eding species - existing parks					18%	82%	
Future Parks J (partial), O, P, R:	2.657			4,195	65	73,275	17,242	77,470	17,307	94,777
		% of CBC primary fe	eding species - future parks					82%	18%	
Total ha	5.051	Total CBC tree spe	cies across 5.051 ha park area	7,722				89,945	75,820	165,765
		% of CBC primary f	eeding species across 5.051 ha parl	k area				54%	46%	

Key
Parks dedicated to CBCs species and included in the calcualtions above
*Planting targets for future parks are indicative only and no. may change depending on the availability of plants at the time
Complete[#] and handed over

Appendix F

Tracking against planting targets



Alkimos Beach - Native Plants - Planted to date

Plant Tracking Spreadsheet (vers. N)	ve Flants - Flan	iteu to	uale	A	INCT	1				A	D	E	A In D. C. 4	LNOT		В	А	D	F	А	D
	1			CBC	INCT	7				CBC			CBC	INCT	2	CBC			CBC		
CBC Parks (Cond 12a+12b)**				only	T+S	all					T+S all			T+S all		only	T+S all	•		T+S all	
	_			3					1	13			15			21			22		
						CBC Park			CBC Park			CBC Park			CBC PARK			CBC PARK			CBC PARK
		Primary	Tree / Shrub /				Park D			Stage 7			Stg 10			Park G			PARK S		
Botanical Name	Common Name	Feeding Plants CBCs*#	GC/ Grass	PARK A			only			Park F			Park U								
TREES & SHRUBS		L.BL.S"																			
Acacia cyclops	Western Coastal Wattle	N	Shrub	0	0	0				0	0	C	0	0	0	() (0 0	0	829	829
Acacia drummondii		N	Shrub	0	0	0				0	0	C	0	0	0	() (0	0	0	0
Acacia lasiocarpa		N	Shrub	0	142	142				0	784	784	0	0	0	() (0	0	703	703
Acacia littorea		N	Shrub	0	0	0				0	0	C	0	0	0	() (0	0	0	0
Acacia saligna prostrate	Dwarf Orange Wattle	Y	Shrub	0	0	0				0	0	C	1682	0	1682	() (0	0	0	0
Acanthocarpus preisii		N	Shrub	0	0	0				0	374	374		0	0	() (0	0	703	703
Agonis flexuosa nana	Dwarf WA Peppermint	Y	Shrub	0	0	0				0	0	C	2362	0	2362	() (0	0	0	0
Alyogyne 'Blue Heeler'	Native Hibiscus	N	Shrub	0	0	0				0	0	C	0	0	0	() (0	0	0	0
Alyogyne hugelii		N	Shrub	0	0	0				0	0	C	0	0	0	(0 (0	0	0	0
Alyogyne 'Mellissa Anne'	Lilac Hibiscus	N	Shrub	0	0	0				0	0	C	0	0	0	(0 (0	0	0	0
Atriplex cinerea	Coast Saltbush	N	Shrub	0	0	0				0	1249	1249	0	0	0	() (0	0	703	703
Atriplex isatidea		N	Shrub	0	0	0				0	0	C	0	0	0	(0 (0	0	703	703
Atriplex nummularia		N	Shrub	0	0	0	0	103	103	0	0	C	0	0	0	() (0	0	0	0
Baeckea virgata nana		N	Shrub	0	0	0				0	0	C	0	0	0	(0 (0	0	0	0
Banksia ashbyi dwarf	Dwarf Ashby's Banksia	Y	Shrub	0	0	0				0	0	C	382	0	382	(0 (0	0	0	0
Banksia blechnifolia		Y	Shrub	0	0	0				0	0	C	0	0	0	() (0	34	0	34
Banksia blechnifolia (seed)		Y	Shrub	0	0	0				0	0	C	0	0	0	(0 (0	0	0	0
Banksia dallanneyi	Couch Honeypot	Y	Shrub	0	0	0				0	0	C	0	0	0	(0 (0	26	0	26
Banksia hookeriana	Hookers Banksia	Y	Shrub	0	0	0				0	0	C	0	0	0	() (0	0	0	0
Banksia nivea	Dryandra	Y	Shrub	0	0	0	197	0	197	0	0	C	1155	0	1155	(0 (0	0	0	0
Banksia repens (seed)		Y	Shrub	0	0	0				0	0	(0	0	0	() (0	0	0	0
Boronia crenulata 'Pink Passion'	Boronia	N	Shrub	0	0	0		400	400	0	0	(0	0	0	() (0	0	0	0
Callistemon citrinus 'Little John'	Little John Bottlebrush	N N	Shrub	0	0	0	0	103	103	0	0	C	0	3490	3490	() (0	0	0	0
Callistemon salignus 'Great Balls of Fire'	Bottlebrush	N	Shrub	0	0	0				0	0	0	0	0	0	() (0	0	0	0
Callistemon viminalis	Red Bottlebrush	Y	Shrub	0	0	0				0	0	(0	0	0	() (0	0	0	0
Callistemon viminalis 'Little John'	Dallahasah	Y	Shrub	0	0	0		_	40	0	0	0	0	0	0	() (0	0	0	0
Callistemon viminalis 'Matthew Flinders'	Bottlebrush	·	Shrub	0	054	U	40	0	46	0	0470	0470	0	0	0	() (0	0	0	0
Calothamnus quadrifidus	One Sided Bottle Brush One Sided Bottle Brush 'Clean and	N	Shrub	0	251	251				0	2179	2179	0	0) (0	0	0	0
Calothamnus quadrifidus 'Clean & Green'	Green'	N	Shrub	0	0	0				0	0	C	0	0	0			0	0	0	0
Chamelaucium uncinatum	Geraldton Wax	N	Shrub	0	0	0				0	0	C	0	0	0	(489	489	0	0	0
Chamelaucium uncinatum 'My Sweet Sixteen'	Wax	N	Shrub	0	0	0				0	326	326	0	0	0	(0 (0	0	0	0
Chorizema cordatum	Pea	N	Shrub	0	0	0				0	374	374	0	0	0) (0	0	0	0
Chorizema varium	Limestone Pea	N N	Shrub	0	0	0				0	0	C	0	384	384	() (0	0	0	0
Conospermum stoechadis	Taa Duah	N	Shrub	0	0	0				0	0	C	0	0	0	(J (0	0	0	0
Eremophila glabra	Tar Bush	Y	Shrub	0	0	0				0	0	C	0	0	0	927	(927	26	0	26
Eremophila glabra 'Silver Flame'	Tar Bush	Y	Shrub	63	0	63				0	0	(0	0	0	() (0	0	0	0
Eremophila maculata 'Lemon Delight'	Eremophila Lemon Delight	N N	Shrub	0	0	0		40	40	0	0	704	0	0	0	() (0	0	0	0
Eremophila nivea 'Spring Mist'	Emu Bush	N N	Shrub	0	90	90		42	42	0	784	784	0	0	0	() (0	0	0	0
Eutaxia obovata nana		N	Shrub	0	113	113	_			0	0	1010	0	0	0	<u> </u>) (0	0	0	0
Frankenia pauciflora		N	Shrub	0	0	0				0	1249	1249	0	0	0	() (0	0	0	0
Gastrolobium capitatum		N N	Shrub	0	0	0				0	0	(0	0	0	() (0	0	0	0
Gastrolobium nervosum (seed)	-	N N	Shrub	0	0	0				0	0	C	0	0	0	() (0	0	0	0
Gazania montezuma	Eucobio Crovillia	N	Shrub	0	0	0				0	0	0	0	0	0	() (0	0	0	0
Grevillea bipinnatifida	Fuschia Grevillia	Y	Shrub	0	0	0				0	0	(0	0	0) (0	0	0	0
Grevillea 'Ella Bella'	Cin Cin Com!	N N	Shrub	0	0	0				0	0	000	0	2362	2362) (0	0	0	0
Grevillea obtusifolia 'Gin Gin Gem'	Gin Gin Gem' Mini Marvel'	N N	Shrub Shrub	0	220	220	_			0	326	326	0	1057	1057	() (0	0	0	0
Grevillea preissii	IVIII II IVIAI VEI	N N	Shrub	0	0	0				0	0	(0	0	0	() (0	0	0	0
Grevillea preissii 'Gilt Dragon'		N N	Shrub	0	0	0				0	0	0	0	1400	U			0	0	0	0
Grevillea 'Robyn Gordon'		N N	Shrub	0	0	0				U	0	(0	1420	1420 0) 400	489	0	0	0
Grevillea 'Sea Spray'		I IN	Siliub	<u> </u>	U	0				U	U	U	<u>'</u>	U	U		489	469	0	0	U

EPBC											
Total CBC	Total Plants -										
Plants (Trees	Trees & Shrubs										
and Shrubs) -	(CBC PARKS										
CBC PARKS	ONLY)										

0	829
0	C
0	1629
0	(
1682	1682
0	1077
2362	2362
0	(
0	(
0	(
0	1952
0	703
0	103
0	(
382	382
34	34
0	(
26	26
0	C
1352	1352
0	(
0	(
0	3593
0	(
0	(
0	(
46	46
0	2430
0	C
0	489
0	326
0	374
0	384
0	(
953	953
63	63
0	(
0	916
0	113
0	1249
0	C
0	(
0	(
0	(
0	2362
0	1603
0	C
0	(
0	1420
0	489
	100

									!	CRC		C CBC			1			
						CBC Park			CBC Park	CBC Park				CBC PARK	CBC PARK		CBC PARK	
Grevillea thelemanniana 'Gilt Dragon'	Guilt Dragon Grevillea	N	Shrub	0	0	0				0	0	0	0	0	0	0 0 0	0 0	0
Grevillea thelemanniana 'Red Lantern'	Red Lantern Grevillea	N	Shrub	0	0	0				0	0	0	0	0	0	0 0 0	0 0	0
Grevillia olivacea		N	Shrub	0	0	0				0	0	0	0	2362	2362	0 0 0	0 0	0
Grevillia olivacea 'Red'		N	Shrub	0	0	0				0	0	0	0	0	0	0 0 0	0 0	0
Grevillia thelemanniana		N	Shrub	0	0	0				0	0	0	0	0	0	0 0 0	0 0	0
Grevillia thelemanniana 'Mini Marvel'		N	Shrub	0	0	0				0	0	0	0	0	0	0 0 0	0 0	0
Hakea huegelii		N	Shrub	0	0	0				0	0	0	0	0	0	0 0 0	0 0	0
Hakea lissocarpha	Honeybush	Y	Shrub	0	0	0				0	0	0	1674	0	1674	0 0 0	0 0	0
Hakea trifurcata	Two Leaved Hakea	Y	Shrub	0	0	0				374	0	374	0	0	0	0 0 0	0 0	0
Hakea varia	Variable Leaved Hakea	Y	Shrub	0	0	0				0	0	0	0	0	0	0 0 0	0 0	0
Hardenbergia 'Meema'	Native Wisteria	N	Shrub	0	0	0				0	0	0	0	0	0	0 0 0	0 0	0
Hardenbergia 'Purple Spray'	Native Wisteria	N	Shrub	0	0	0				0	0	0	0	0	0	0 0 0	0 0	0
Hibbertia aurea		N	Shrub	0	0	0				0	0	0	0	0	0	0 0 0	0 0	0
Hibbertia grossulariifolia	Vallau Duttaraua	N	Shrub	0	0	0				0	784	784	0	0	0	0 0 0	0 0	0
Hibbertia hypericoides	Yellow Buttercup	N N	Shrub Shrub	0	0	0				0	4445	1445	0	0	0	0 0 0	0 0	0
Hibbertia racemosa	Snake Vine		Shrub	0	0	0				U	1145	1145	0	0	0	0 0 0	0 63	63
Hibbertia scandens	OHARE VILLE	N N	Shrub	0	0	0				U	0	0	0	U	0	0 0 0	0 0	0
Hibbertia spicata	+	N N	Shrub	0	0	0				U	0	0	0	U	0	0 0 0	0 0	0
Hibbertia subvaginata Leucophyta brownii	Cusion Bush	N N	Shrub	0	220	220				0	771	771	0	3562	3562	0 0 0	0 829	829
Leucophyta brownii Leucophyta brownii 'Canal Rocks'	Canal Rocks Cusion Bush	N N	Shrub	0	66	66				0	//1	111	0	330Z	0002	0 0 0	0 829	029
Leucophyta brownii 'Silver nugget'	Cusion Bush	N N	Shrub	0	00	00				0	0	0	0	0	0	0 0	0 0	0
Melaleuca acerosa	Cusion Dusin	N	Shrub	0	0	0			\dashv	0	0	0	0	0	0		0 0	0
Melaleuca acerosa Melaleuca cuticularis		N	Shrub	0	0	0				0	0	0	0	0	0	0 0 0	0 0	0
Melaleuca huegelii		N	Shrub	0	0	0				0	1249	1249	0	0	0	0 0 0	0 0	0
Melaleuca incana nana		N	Shrub	0	0	0			\dashv	0	0	0	0	0	0		0 0	0
Melaleuca leuropoma		Y	Shrub	0	0	0				0	0	0	0	0	0		0 0	0
Melaleuca leuropoma (seed)		Y	Shrub	0	0	0			-	0	0	0	0	0	0	0 0 0	0 0	0
Melaleuca linariifolia 'Little Red'	Honey Myrtle , Little Red Honey	N	Shrub	0	0	0				0	0	0	0	0	0	0 0 0	0 0	0
Melaleuca megacephala	Myrtle	N	Shrub	0	0	<u> </u>				0	0	0	0	0	0	0 0 0	0 0	
Melaleuca nesophila		N	Shrub	0	0	0				0	0	0	0	0	0	0 0 0	0 0	0
Melaleuca nesophila 'Little Nessie'		N	Shrub	0	0	0				0	0	0	0	2233	2233	0 0 0	0 0	0
Melaleuca pentagona		N	Shrub	0	0	0				0	0	0	0	2233	0	0 0 0	0 0	0
Melaleuca pentagona 'Little Penta'		N	Shrub	0	70	70			\dashv	0	0	0	0	0	0		0 0	0
Melaleuca pulchella		N	Shrub	0	0	0				0	0	0	0	0	0	0 0 0	0 0	0
Melaleuca systena		N	Shrub	0	0	0			\dashv	0	771	771	0	0	0	0 0 0	0 0	0
Melaleuca systena prostrate		N	Shrub	0	0	0				0	0	0	0	0	0	0 0 0	0 0	0
Myoporum		N	Shrub	0	0	0				0	0	0	0	0	0	0 0 0	0 0	0
Myoporum insulare	Coastal Rambler	N	Shrub	0	370	370				0	374	374	0	1172	1172	0 0 0	0 1559	1559
Olearia axillaris 'Little Silver'	Daisy Bush	N	Shrub	0	0	0	0	188	188	0	0	0	0	0	0	0 0 0	0 21	
Olearia axillaris 'Little Smokie'	Daisy Bush	N	Shrub	0	0	0				0	0	0	0	0	0	0 0 0	0 829	829
Olearia 'Ghost Town'	Daisy Bush	N	Shrub	0	0	0				0	784	784	0	0	0	0 0 0	0 0	0
Olearia pannosa	Silver-leaved Daisy	N	Shrub	0	0	0				0	0	0	0	0	0	0 0 0	0 0	0
Pimelea ferruginea		N	Shrub	0	0	0	0	162	162	0	784	784	0	0	0	0 1114 1114	0 757	757
Pimelea magenta mist	Rice Flower	N	Shrub	0	0	0				0	0	0	0	0	0	0 0 0	0 0	0
Rhagodia baccata		N	Shrub	0	0	0				0	784	784	0	0	0	0 489 489	0 829	829
Rhagodia spinescens	Spiny saltbush	N	Shrub	0	0	0				0	0	0	0	0	0	0 0 0	0 0	0
Rhaphiolepis indica 'Cosmic Pink'		N	Shrub	0	0	0				0	0	0	0	0	0	0 0 0	0 0	0
Ricinocarpus 'Bridal Star'	Wedding Bush	N	Shrub	0	0	0				0	0	0	0	0	0	0 0 0	0 0	0
Ricinocarpus tuberculatus	Wedding Bush	N	Shrub	0	0	0				0	0	0	0	0	0	0 0 0	0 0	0
Rosmarinus 'Tuscan Blue'	Rosemary	N	Shrub	0	0	0	0	8	8	0	0	0	0	0	0	0 0 0	0 0	0
Santalum accuminatum	Quandong	N	Shrub	0	0	0				0	0	0	0	0	0	0 0 0	0 0	0
Scaevola 'Blue Print'	Fan Flower	N	Shrub	0	0	0				0	0	4000	0	0	0	0 0 0	0 0	0
Scaevola crassifolia	Fan Flower	N	Shrub	0	0	0				0	1623	1623	0	0	0	0 4444 4444	0 829	829
Scaevola nitida	Shining Fanflower Fan Flower	N N	Shrub Shrub	0	0	0				0	0	0	0	0	0	0 1114 1114	0 0	0
Scaevola nitida 'Aussie Spirit'	I all Flowel	N N	Shrub	0	0	0				U	2179	2179	0	0	0	0 0 0	0 0	0
Spyridium globulosum 'Little' Templetonia retusa	Cockies Tounges	N N	Shrub	0	0	0				0	374	374	0	0	0	0 0 0	0 757	757
Thryptomene 'Pink Lace'	Outries rouliges	N N	Shrub	0	0	0				0	3/4	3/4	0	0	0	0 0 0	0 757	151
Thryptomene saxicola	Rock Thryptomene	N N	Shrub	0	0	0				0	0	0	0	0	0	0 0 0	0 0	0
ттурютене захісов	TOOK THEYPROMENTE	IN	Onlub	U	U	L				U	U	U	U	U	U	0 0	U U	U

Total CBC Plants (Trees and Shrubs) - CBC PARKS	Total Plants - Trees & Shrubs (CBC PARKS ONLY)
0	0
0	0
0	2362
0	0
0	0
0	0
0	0
1674	1674
374	374
0	0
0	0
0	0
0	0
0	784
0	0
0	1208
0	0
0	0
0	0
0	5382
0	66
0	0
0	0
0	0
	1249
0	
0	0
0	0
0	0
0	0
0	0
0	2233
0	0
0	70
0	0
0	771
0	0
0	0
0	3475
0	209
0	829
0	784
0	0
0	2817
0	0
0	2102
0	0
0	0
0	0
0	0
0	8
0	0
0	0
0	2452
0	1114
0	0
0	2179
0	1131
	_
0	0

						CDC			CBC CBC				cne l	CDC		cnc.	
						CBC Park			Park	Park				CBC PARK	CBC PARK		CBC PARK
Thryptomene saxicola 'Paynes Hybrid'	Over Novel	N	Shrub	0	0	0				0	0 (0 0	0	0	0 438 43	0	0 0
Thryptomene saxicola 'Supa Nova'	Supa Nova'	N	Shrub	0	0	0			\vdash	0	0 (0	0	0	0 0	0	0 0
Westringia 'Bulli Coastal Creeper'	Westringa Shore Westrings	N	Shrub Shrub	0	0	0				0	774 77	0	0	0	0 0		0 0
Westringia dampieri	Shore Westringa Coastal rosemary	N N	Shrub	0	0	0				0	771 77	0	0	0	0 0		829 829 21 21
Westringia fruticosa Westringia fruticosa 'Aussi Box'	Box Westringa	N	Shrub	0	0	0	0	103	103	0	0 0		0	0	0 0		21 21
Westringia fruticosa 'Grey Box'	Grey Westringa	N	Shrub	0	0	0	U	103	103	0	0 0		0	0	0 0		0 0
Westringia fruticosa 'Jervis Gem'	Orey Westinga	N	Shrub	0	0	0				0	784 784	1 0	0	0	0 0		0 0
Westringia fruticosa 'Mundi'	Coastal rosemary	N	Shrub	0	173	173				0	0 10	0 0	0	0	0 0		0 0
Westringia fruticosa 'Seefoam'	Coastal Rosemary	N	Shrub	0	0	0			\vdash	0	0 (0	0	0 0		0 0
Agonis flexuosa	WA Peppermint	Υ	Tree	0	0	0				46	0 46	5 58	0	58	5 0	47	0 47
Agonis flexuosa 'Burgundy'		Υ	Tree	9	0	9				0	0 (0 0	0	0	0 0	0	0 0
Allocasuarina fraseriana	Common Sheoak	N	Tree	0	0	0				0	0	0 0	0	0	0 13 1	3 0	0 0
Allocasuarina littoralis	Black Sheoak / River Black Oak	N	Tree	0	0	0				0	0	0	9	9	0 0	0	0 0
Angophora costata	Smooth Barked Apple	N	Tree	0	0	0				0	0	0	0	0	0 0	0	0 0
Araucaria columnaris	Cook Island Pine	N	Tree	0	0	0				0	0 (0	0	0	0 0	0	0 0
Araucaria heterophylla	Norfolk Island Pine	Υ	Tree	6	0	6	2	0	2	0	0 (2	0	2	0 0	9	0 9
Banksia ashbyi	Ashby's Banksia	Υ	Tree	0	0	0				0	0 (1155	0	1155	0 0	0	0 0
Banksia attenuata	Candlestick (Biara) Banksia	Y	Tree	0	0	0				0	0 (29	0	29	0 0	0	0 0
Banksia grandis	Bull Banksia	Υ	Tree	0	0	0				0	0	19	0	19	0 0	0	0 0
Banksia integrifolia	Coast Banksia	N	Tree	0	0	0				0	0	0	19	19	0 0	0	0 0
Banksia menzieisii	Firewood Banksia	Υ	Tree	0	0	0				0	0 (0	0	0	0 0	703	0 703
Banksia menzieisii dwarf	Firewood Banksia Dwarf	Υ	Tree	0	0	0				0	0	0	0	0	438 0 438	0	0 0
Banksia prionotes dwarf	Dwarf Acorn Banksia	Υ	Tree	0	0	0				0	0	0	0	0	0 0	0	0 0
Banksia sessilis	Parrot Bush	Υ	Tree	0	0	0				0	0	0	0	0	0 0	703	0 703
Callitris preissii	Cypress Pine	Υ	Tree	0	0	0				47	0 4	7 0	0	0	0 0	38	0 38
Callistemon Kings Park Special	Bottlebrush	Y	Tree	0	0	0				0	0 (0	0	0	0 0	0	0 0
Casuarina equisetifolia	Horse Tail Sheoak	N	Tree	0	27	27	0	7	7	0	0 (0	53	53	0 0	0	0 0
Casuarina fraseriana	Weeping Beach Sheoak	N	Tree	0	0	0				0	23 23		0	0	0 0	0	0 0
Casuarina obesa	Swamp Sheoak	N	Tree	0	5	5				0	26 20		0	0	0 0	0	0 0
Corymbia calophylla	Marri Marri Rosea	Y	Tree Tree	0	0	0				0	0 0	23	0	23	0 0	0	0 0
Corymbia calophylla rosea	Red Flowering gum	Y	Tree	0	0	0			\vdash	0	0 0	0	0	0	0 0		0 0
Corymbia ficifolia Corymbia maculata	Spotted gum	Y	Tree	0	0	0			\vdash	0	0 0	0 10	0	19	0 0) 0	0 0
Cupaniopsis anacardioedes	Tuckeroo	N	Tree	0	0	0				0	0 0) 19	0	19	0 0))	0 5
Delonix Regia	Poinciana	N	Tree	0	0	0				0	0 0		0	0	0 0		0 0
Erythrina indica	Coral Tree	N	Tree	0	0	0				0	0 0		0	0	0 0		0 0
Eucalyptus gomphocephala	Jarrah	Y	Tree	3	0	3			\vdash	0	0 0) 55	0	55	12 0 1	0 8	0 0
Eucalyptus gompnocephala Eucalyptus marginata	Tuart	Y	Tree	0	0	0				0	0) 0	0	0	0 0) 0	0 0
Eucalyptus sideroxylon	Ironbark	N N	Tree	0	0	0				0	0	0	0	0	0 0) 0	0 0
Eucalyptus sideroxylon 'Rosea'		N	Tree	0	0	0				0	0	0 0	0	0	0 0) 0	0 0
Eucalyptus todtiana	Coastal Blackbutt	Υ	Tree	0	0	0				0	0	0 0	0	0	0 0	0	0 0
Eucalyptus utilis	Coastal Moort	N	Tree	0	0	0				0	0	0 0	17	17	0 0	0	0 0
Eucalyptus victrix	Coolibar	N	Tree	0	0	0				0	9 9	9 0	0	0	0 0	0	0 0
Ficus macrocarpa		Υ	Tree	0	0	0				0	0 (0 0	0	0	0 0	0	0 0
Ficus macrophylla	Morton Bay Fig	Υ	Tree	0	0	0				0	0 (0	0	0	0 0	0	0 0
Gleditsia triacanthos	Honey Locust	N	Tree	0	0	0				0	0	0 0	0	0	0 0	0	0 0
Hakea laurina	Pincusion Haekea	Υ	Tree	0	0	0				0	0	0	0	0	0 0	0	0 0
Liquidambar styraciflua	Liquidambar	Υ	Tree	0	0	0				8	0	3 0	0	0	0 0	0	0 0
Macadamia integrifolia	Macadamia	Υ	Tree	0	0	0				15	0 1	0	0	0	0 0	0	0 0
Macrozamia riedlei	Zamia palm	N	Tree	0	0	0				0	0 (0	0	0	0 48 4	0	33 33
Melaleuca armillaris	Bracelet Honey Myrtle	N	Tree	0	0	0				0	0 (0	0	0	0 0	0	0 0
Melaleuca lanceolata	Rottnest Island Tea Tree	N	Tree	0	0	0				0	29 29	_	0	0	0 0	0	0 0
Melaleuca preissiana	Swamp Tea Tree	N	Tree	0	0	0				0	24 24		14	14	0 0	0	0 0
Melaleuca quinquenervia	Broad-leaved Paperbark	N	Tree	0	13	13				0	18 18	3 0	8	8	0 0	0	0 0
Morus pendula alba	Mulberry	N	Tree	0	0	0				0	0 (0	0	0	0 0	0	0 0
Metrosideros thomasii	New Zealand Christmas Tree/Bush	N	Tree	0	0	0	0	4	4	0	0	0	0	0	0 0	0	0 0
Olea europaea	Olive	N	Tree	0	0	0	0	2	2	0	0 (0	0	0	0 0	0	0 0
Phoenix canariensis	Canary Island date palm	N	Tree	0	0	0				0	0 (0	0	0	0 2	0	0 0
Robinia pseudoacacia	Black Locust	N	Tree	0	0	0				0	0	0	0	0	0 0	0	0 0

Total CBC Plants (Trees	Total Plants - Trees & Shrubs
and Shrubs) -	(CBC PARKS
CBC PARKS	ONLY)
0	438
0	0
0	0
0	1600 21
0	103
0	0
0	784
0	173
0	0
156	156
9	9
0	9
0	0
0	0
19	19
1155	1155
29	29
19	19
703	19
703 438	703 438
0	0
703	703
85	85
0	0
0	87
0	23
0	31
23	23
0	0
24	24
0	0
0	0
0	0
78 0	78 0
0	0
0	0
0	0
0	17
0	9
0	0
0	0
0	0
8	8
15	15
0	81
0	0
0	29
0	38 39
0	0
0	4
0	2
0	2 0
0	0

						CBC Park			CBC Park			CBC Park			CBC PARK			CBC PARK			CBC PARK
Santalum acuminatum	Native Peach (Quandong)	N	Tree	0	0	0				0	0	0	0	0	0	0	0	0	0	0	0
Tipuana tipu	Tipuana	Y	Tree	0	0	0	3	0	3	14	0	14	0	0	0	0	0	0	0	0	0
Xanthorrhoea preissii	Grass tree	Y	Tree	0	0	0	26	0	26	20	0	20	0	0	0	0	0	0	0	0	0
Planting Qty - CBC trees/CBC park				18	45	63	31	13	44	150	129	279	1,360	120	1,480	455	63	518	1,513	33	1,546
Planting Qty - CBC shrubs/CBC park				63	1,715	1,778	243	709	952	374	20,822	21,196	7,255	18,042	25,297	927	4,133	5,060	86	10,964	11,050
Planting Qty. Total CBCs/CBC park				81	1,760	1,841	274	722	996	524	20,951	21,475	8,615	18,162	26,777	1,382	4,196	5,578	1,599	10,997	12,596

Total CBC Plants (Trees and Shrubs) - CBC PARKS	Total Plants - Trees & Shrubs (CBC PARKS ONLY)
0	0
17	17
46	46
3,527	3,930
8,948	65,333
12,475	69,263
18%	

*Plants for Carbany's as listed in Groom, C (2011) Plants Used by Carnaby's Black Cockatoo. Department of Environment and

^{***}Planting targets for future parks are indicative only and no. may change depending on the availability of plants at the time

EPBC summary	
Total CBC species only (CBC Parks built to date)	12,475
Total all trees and Shrubs (CBC Parks built to date)	69,263
Percentage of CBC species (CBC Parks built to date)	18%
Total CBC species only (Future CBC Parks)	77,470
Total all trees and Shrubs (Future CBC Parks)	94,777
Percentage of CBC species (Future CBC Parks)	82%

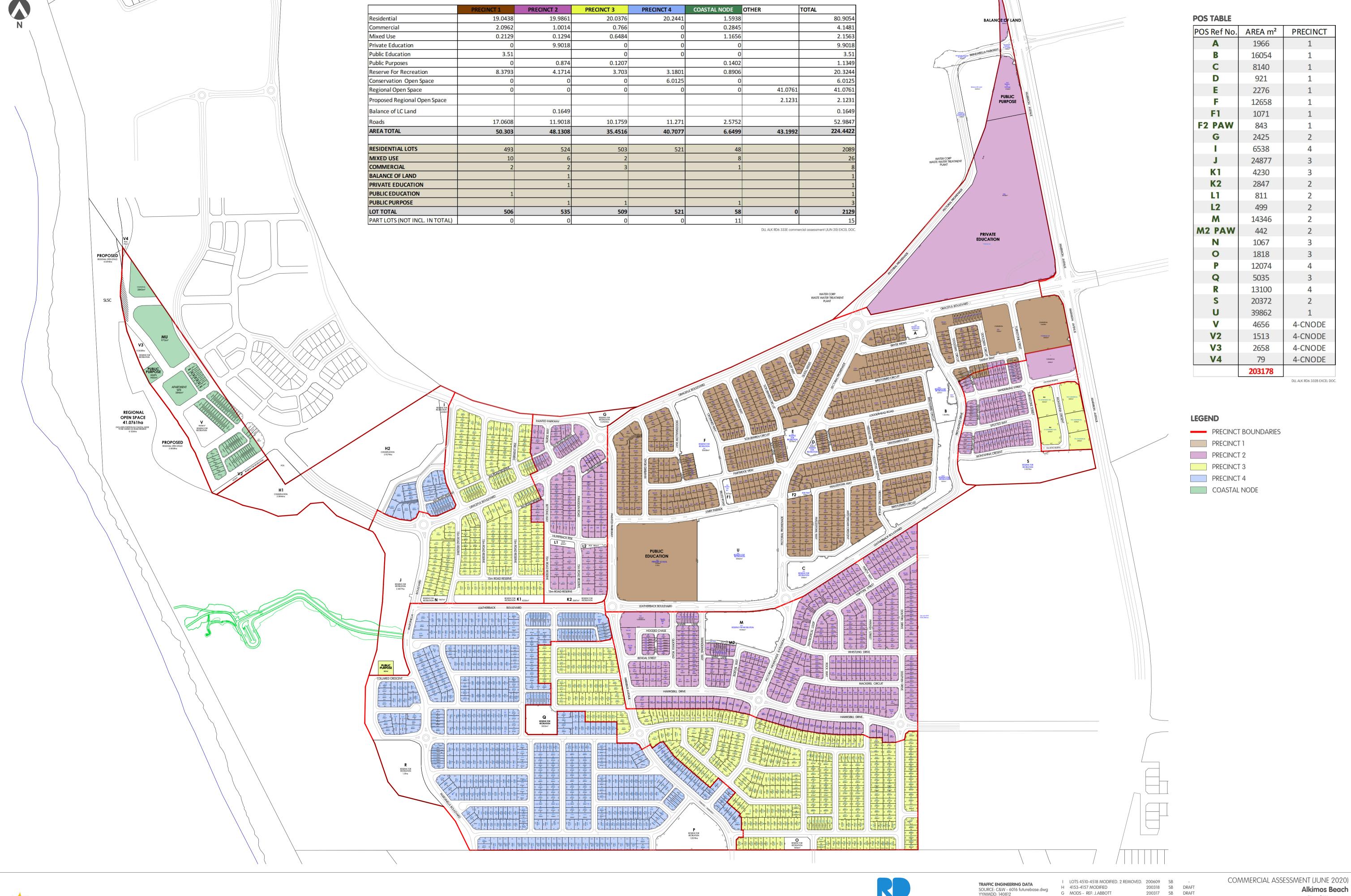
CBC Parks - Total CBCs	89,945
CBC Parks - Total CBC & non CBC	164,040
% of CBC species across 5ha planting area	55%

[&]quot;Corymbia maculata is considered a roosting tree for CBCs as per the DEC species list. It has still been included in the overall CBC tree count as it is a habitat tree but excluded from the 50% target, which is currently under review.

^{**}POS A, D, F, F1, F2 PAW, G, J, O, P, R, S, U

Appendix G Precinct and Staging Plan





SOURCE: C&W - 6016 futurebase.dwg YYMMDD: 140812 **CADASTRAL INFORMATION** SOURCE: VERIS YYMMDD: 190201 DWG REF: 15205 lls_alkimos-78-190201 PROJECTION: PCG94

BYPASS REV D + E. BASE REV C C P3 & P4 LOT NO UPDATED 180830 SB RD 180822 SB RD 180820 SB RD YYMMDD DRAWN APPR'D B P1 LOT COUNT REVISED A BASE RD1 238L REV DESCRIPTION

City of Wanneroo

REF NO. DRAW NO. REV. DLL ALK RD1 254 I