

Lakelands East Residential Development, Mandurah, WA (EPBC 2013/7048)

Peet Mandurah Syndicate Limited

2024 Annual Compliance Report (Rev 0)

JBS&G 67199 3 May 2024



We acknowledge the Traditional Custodians of Country throughout Australia and their connections to land, sea and community.

We pay respect to Elders past and present and in the spirit of reconciliation, we commit to working together for our shared future.

Caring for Country The Journey of JBS&G



Declaration of accuracy

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

Signed

griffiths	
$- 0 \alpha$	
Julia Griffiths	

Position (please print)

Full name (please print)

Project Director

Organisation (please print including ABN/ACN if applicable)

Peet Mandurah Syndicate Limited

Date

3 / 5 /2024



Table of Contents

1.	Intro	duction	. 1
	1.1	Purpose of this Report	1
	1.2	Project Background	1
	1.3	Environmental Approval to Implement the Project	1
2.	Curre	nt Status	. 1
3.	Audit	Methodology	. 2
	3.1	Purpose and scope	2
	3.2	Audit period	2
	3.3	Methodology	2
	3.4	Audit terminology	2
4.	Audit	Results	. 3
	4.1	Compliance with EPBC conditions	3
	4.2	Conformance with the Revegetation Management Plan	3
	4.3	Recommendations	4
5.	Limit	ations	10
6.	Refer	ences	10

List of Tables

Table 3.1: Persons consulted	2
Table 3.2: Action implementation status	3
Table 4.1: EPBC 2013/7048 Audit table	
Table B.1: Revegetation Management Plan (Revision 7) Audit Table	
Table C.1: Evidence Register	

List of Figures

No table of figures entries found.

Appendices

Appendix A	EPBC Approval 2013/7048
Appendix B	Revegatation Management Plan Assessment
Appendix C	Evidence Register



1. Introduction

1.1 Purpose of this Report

This report addresses the status and compliance of implementation of the 'Lakelands East' Residential Development with the conditions in the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act) approval 2013/7048 (EPBC 2013/7048; Appendix A). This report has been prepared for the purpose of meeting the requirements of condition 8 of EPBC 2013/7048, which requires the proponent to publish annual compliance reports.

1.2 Project Background

Peet Mandurah Syndicate Limited (Peet) is developing the 'Lakelands East' residential development (Lakelands) located approximately 65 km south of Perth Central District, Western Australia,

The project involves the development of approximately 500 residential lots, Public Open Space (POS) and a primary school on Lot 9099 Mandjoogoordap Drive, Mandurah.

The project commenced on 3 February 2015.

1.3 Environmental Approval to Implement the Project

The project was referred to the then Department of the Environment (DotE) (now called the Department of Climate Change, Energy, the Environment and Water [DCCEEW]) for assessment under the EPBC Act in 2013. The development of Lakelands was determined a Controlled Action on 29 November 2013 due to the potential for significant impacts on listed threatened species and communities (sections 18 and 18A). The project was assessed on Preliminary Documentation and approved with conditions on the 3 December 2014 (EPBC 2013/7048; Appendix A).

A request to vary condition 11 of EPBC 2013/7048 was submitted on 22 January 2016, with the request approved on 9 May 2016 (Appendix A). The variation deleted the original conditions 11 and 13 and replaced them with new conditions 11 and 13, respectively regarding revisions to, and publication of, the Revegetation Management Plan (RMP) prepared and approved under condition 3.

2. Current Status

Activities undertaken during the audit period (3 February 2023 to 2 February 2024) included:

- Construction of Westlake Stage 3, Town Centre Residential Stage 41, Stage 77
- Clearing of individual trees for town centre residential stage 41 and borrow pit
- Weed spraying in the revegetation area
- Annual monitoring of revegetation areas undertaken in September 2023



3. Audit Methodology

3.1 Purpose and scope

This report has been prepared for Peet (the approval holder) to fulfil the requirements of Condition 8 of EPBC 2013/7048 which states that:

'Within three months of every 12 month anniversary of the commencement of the action, the approval holder must publish a report on their website addressing compliance with each of the conditions of this approval, including implementation of the RMP, over the previous 12 months, as specified in the conditions. Documentary evidence providing proof of the date of publication must be provided to the Department at the same time as the compliance report is published. The compliance reports must remain on the website for the life of the approval. All contraventions must also be included in the compliance reports. Unless otherwise agreed in writing by the Minister, the approval holder must provide a copy of each compliance report to members of the public upon request. Copies must be provided free of charge as soon as reasonably practicable but within no longer than 7 days of the request.'

3.2 Audit period

This Annual Compliance Report (ACR) addresses the audit period between 3 February 2023 and 3 February 2024 for the conditions of EPBC 2013/7048 and implementation of the Revegetation Management Plan (RMP) (Revision 7, Strategen 2020) required by conditions 3 and 4 of EPBC 2013/7048.

3.3 Methodology

This audit was undertaken by lead environmental auditor Andrea Wills, the findings of which were used to prepare this ACR (2024). Key persons consulted during the audit are listed in Table 3.1. A review of documentation was also undertaken to support the audit.

Person and Position	Organisation	Purpose
Julia Griffiths, Project Director	Peet	To obtain verifiable evidence to assist in determining compliance with EPC
Kiara de Francesch, Assistant Development Manager	Peet	2013/7048.
Ryan Mulder, Project Manager	Workpower	

Table 3.1: Persons consulted.

3.4 Audit terminology

The 'Status' field of the audit tables (refer to Table 3-2 describes the implementation of actions and compliance with the approval. DCCEEW (DotE 2014) has published Annual Compliance Report Guidelines and terminology from this guidance was applied in this audit (Table 4-1).



Table 3.2: Action implementation status

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

Source: adapted from DotE (2014)

4. Audit Results

The results of the audit of EPBC 2013/70418 conditions are shown in Table 4.1. The results of the audit of conformance with the key actions contained within the RMP are outlined in Appendix B

4.1 Compliance with EPBC conditions

The results of the audit of EPBC 2017/8062 are shown in Table 4.1. Of 28 sub-conditions of EPBC 2017/8062:

- 14 were found to be 'Compliant', with four of those identified as 'Completed'
- 14 were found to be 'Not applicable'
- Zero were found to be found to be 'Potentially Non-compliant'

4.2 Conformance with the Revegetation Management Plan

The RMP has been implemented across the Project during the period (Appendix B). Of 60 key actions identified from the RMP:

• 26 were found to be 'Conformant', with three of those identified as 'Complete'



- 30 were found to be 'Not applicable'
- Four were found to be 'Potentially Non-conformant'

The potential non-conformances related to:

- Weeds exceeding threshold criteria
- Weed monitoring report does not report on weed species in the landscaping area
- The proponent did not collect seed in late Spring 2023
- Contingency actions were not implemented when plant survival rate trigger criteria were exceeded

4.3 Recommendations

Recommendations to address the non-conformances with the Revegetation Management Plan are:

- Weed spraying is continued
- Collect seed in late-spring to summer 2024 from within a 50 km radius of the revegetation site and propagate in an accredited nursery
- Undertake cause analysis for exceedance of plant survival rate trigger criteria

4.4 **Opportunities for Improvement**

The following opportunity for improvement has been identified:

• Review the weed monitoring program in landscaping areas so that it is compliant with the requirements of the RMP including recording dominant weed species and comparing weed growth to 10% completion criteria.

Table 4.1: EPBC 2013/7048 Audit table

Condition	Condition	Evidence	Comments	Compliance
Number EPBC 1.1	The approval holder must not clear any black cockatoo habitat trees outside of the project area.	Management advice on 02/05/2024 C04_Nearmaps Sequence - Stage 77 C05_Nearmaps Sequence - Town Centre Residential Stage 41 C06_Nearmaps Sequence - Borrow Pit Earthwork	Management confirmed that the only clearing of trees in the reporting period was for individual trees for Stage 77, Town Centre Stage 41 and Borrow Pit Earthwork.	status Compliant
EPBC 2.1	The approval holder must retain no less than three hundred and three (303) black cockatoo habitat trees, including no less than one hundred and twenty (120) potential breeding trees and no less than one hundred and eighty-three (183) foraging species within the project area.	R02_2023 Lakelands ACR (Rev 0)	The 2023 ACR (R02) reported that this criteria had been met. The significant tree survey dated 23 April 2021 431 trees have been identified for retention, with 431 identified as foraging species and 159 of those identified as potential breeding trees. Therefore, the number of trees retained meets the required criteria.	Complete
EPBC 3.1	To compensate for the loss of black cockatoo habitat trees, within one month of the date of the approval, the approval holder must prepare and submit a Revegetation Management Plan (RMP) for the Ministers approval to revegetate within the offset site.	R02_2023 Lakelands ACR (Rev 0) R03_Lakelands Revegetation Management Plan (Rev 8)	This condition has previously been assessed as compliant. The current revised version (Rev 6) of the RMP was submitted to the DEE on 22 September 2017 and approved on 10 October 2017.	Complete
EPBC 3.2	The approval holder must not commence the action unless the Minister has approved the RMP.	R02_2023 Lakelands ACR (Rev 0)	This condition was assessed as compliant complete in a previous reporting period.	Complete
EPBC 3.3	 The RMP must include, but may not be limited to: a. Objectives of the RMP; b. Location, condition, size and suitability of the revegetation areas within the offset site; c. Detailed information on each stage of the revegetation project; d. Black cockatoo tree and shrub species to be utilised, source of plant stock, stocking rates (at least six thousand two hundred (6200) tree or shrub plants, including no less than 3000 plants that are potential breeding species and no less than 3200 plants that are foraging species), planting method and schedule; e. Preventative management actions that will be implemented to manage weeds, feral animals and anthropogenic activities, within the offset site prior to, during and post planting; f. Revegetation success criteria (that 3 years from the date of planting the approval holder must achieve a minimum of 80 percent survival rate of the planted potential breeding species and 80 percent survival rate of the planted foraging species), and detailed response measures and corrective actions should success criteria not be met; g. Monitoring program, including the type, timing and frequency of monitoring; h. Responsibilities for planning, implementing, management, reporting and monitoring the RMP; i. Timeframes for the implementation of each stage of the RMP; j. Details on the conservation mechanism to protect and conserve the offset site. 	R03_Lakelands Revegetation Management Plan (Rev 8)	 The approved RMP Rev 8 includes the required details: a. Objectives of the RMP (Section 3.1) b. Location, condition, size and suitability of the revegetation areas within the offset site (Section 1.2) c. Detailed information on each stage of the revegetation project (Section 4) d. Black cockatoo tree and shrub species to be utilised, source of plant stock, stocking rates (at least six thousand two hundred (6200) tree or shrub plants, including no less than 3000 plants that are potential breeding species and no less than 3200 plants that are foraging species), planting method and schedule (Sections 3.2, 4.3 and 4.6) e. Preventative management actions that will be implemented to manage weeds, feral animals and anthropogenic activities, within the offset site prior to, during and post planting (Section 4) f. Revegetation success criteria (that 3 years from the date of planting the approval holder must achieve a minimum of 80 percent survival rate of the planted potential breeding species and 80 percent survival rate of the planted foraging species), and detailed response measures and corrective actions should success criteria not be met (Section 3.2 and 6) g. Monitoring program, including the type, timing and frequency of monitoring (Section 5) h. Responsibilities for planning, implementing, management, reporting and monitoring the RMP (Section 4 and 7) 	Compliant



Condition	Condition	Evidence	Comments	Compliance
Number			 i. Timeframes for the implementation of each stage of the RMP (Section 4.6) j. Details on the conservation mechanism to protect and conserve the offset site (Section 4.7) 	status
EPBC 4.1	If the Minister approves the RMP, then the approval holder must implement the approved RMP.	R01_2024 Lakelands ACR (Rev 0) Appendix B	 The RMP has been implemented during the period. Refer to Appendix B for assessment of implementation. Of 60 key actions identified from the RMP: 24 commitments were found to be 'conformant' with three compliant complete 30 commitments were found to be 'Not applicable' Six commitments were found to be 'Potentially non-conformant' 	Compliant
EPBC 5.1	To avoid and mitigate impacts to black cockatoos, if clearing is to be undertaken during the breeding season (July - November), within 7 days prior to clearing, the approval holder must ensure all potential nesting trees within the project area are investigated to detect the presence of black cockatoos using hollows. The investigation must be undertaken by a suitably qualified and experienced person. If any black cockatoos are detected using a hollow in a tree or trees, the approval holder must: i. Clearly identify all such trees with fencing and signage that must be located within two (2) metres of the base of each such tree; ii. not clear any such tree of any vegetation within 10 metres of any such tree; and iii. undertake all reasonable measures to avoid any such tree from being cut down, felled, removed, killed, destroyed, poisoned, ring-barked, uprooted or burned until a suitably qualified and experienced person has verified in writing that the hollow/s in each such tree are no longer used by black cockatoos.	Management advice on 2/05/2024 E01_Indivual Trees Removed - Stage 41 E02_Individual Trees Removed - Borrow Pit C07_Nearmaps Sequence - Town Centre Residential Stage 41 C06_Nearmaps Sequence - Borrow Pit Earthwork	No clearing was completed between July and November 2023.	Compliant
EPBC 6.1	Within 30 days after the commencement of the action, the approval holder must advise the Department in writing of the actual date of commencement.	R02_2023 Lakelands ACR (Rev 0)	This condition was completed in a previous reporting period. The action commenced 02/02/2015 and the Department was advised 13/02/2015.	Complete
EPBC 7.1	The approval holder must maintain accurate records substantiating all activities associated with or relevant to the conditions of approval, including measures taken to implement the RMP, required by this approval, and make them available upon request to the Department. Such records may be subject to audit by the Department or an independent auditor in accordance with section 458 of the Environment Protection and Biodiversity Conservation Act 1999, or used to verify compliance with the conditions of approval. Summaries of audits will be posted on the Department's website. The results of audits may also be publicised through the general media.	R01_2024 Lakelands ACR (Rev 0) Appendix C C07_FY2014-15 Publishing offset site information for EPBC 20137048 Lakelands East' residential development Mandurah WA SECOFFICIAL	Appendix C of this document contains a register of the records substantiating compliance with the conditions of this approval and conformance with the RMP. The Department requested information for the purposes of publishing offset site information in the reporting period.	Compliant
EPBC 8.1	Within three months of every 12-month anniversary of the commencement of the action, the approval holder must publish a report on their website addressing compliance with each of the	R01_2024 Lakelands ACR (Rev 0) Appendix C W01_Web Screenshot 2024-05-02 ACRs	The 2023 ACR was published on Peet's website on 03 May 2023, which is within three months of the 12-month anniversary of commencement (3 February).	Compliant



Condition	Condition	Evidence	Comments	Compliance
Number				status
	conditions of this approval, including implementation of the RMP, over		https://www.peet.com.au/communities/perth-and-	
	the previous 12 months, as specified in the conditions.		wa/lakelands-estate/purchaser_builder-	
			information/environmental-sustainability	
EPBC 8.2	Documentary evidence providing proof of the date of publication must be provided to the Department at the same time as the compliance report is published.	C01_Notice of EPBC Act Approval 2013_7048 2022 Annual Compliance Report for Lakelands East C02_DCCEEW Receipt of 2023 ACR for Lakelands East_SEC_UNOFFICIAL_	Documentary evidence detailing the date of publication of the 2023 ACR on Peet's website was provided to DCCEEW on 03/05/2023 (C01). DCCEEW acknowledged receipt on 04/05/2023 (C02).	Compliant
PBC 8.3	The compliance reports must remain on the website for the life of the	W01_Web Screenshot 2024-05-02 ACRs	Lakelands ACRs 2016, 2017, 2018,2019, 2020, 2021, 2022	
	approval.		and 2023 are all available on the website during the	
			reporting period:	Compliant
			https://www.peet.com.au/communities/perth-and-	
			wa/lakelands-estate/purchaser_builder- information/environmental-sustainability	
EPBC 8.4	All contraventions must also be included in the compliance reports	P01 2024 Lakelands ACP (Pov 0)	Contraventions have been included within the compliance	
rduð.4	All contraventions must also be included in the compliance reports.	R01_2024 Lakelands ACR (Rev 0)	reports published on the Peet website.	
		R02_2023 Lakelands ACR (Rev 0)	In the 2016 to 2017 ACR, no potential non-compliances with conditions of EPBC 2013/7048 were identified; and two potential non-conformances with the RMP requirements were reported.	
			In the 2017 to 2018 ACR, one potential non-compliance with conditions of EPBC 2013/7048 was identified; and eight potential non-conformances with the RMP requirements were reported.	
			In the 2018 to 2019 ACR, no potential non-compliances with conditions of EPBC 2013/7048 were identified; and six potential non-conformances with the RMP requirements were reported.	Compliant
			In the 2019 to 2020 ACR, no potential non-compliances with conditions of EPBC 2013/7048 were identified; 5 minor non conformances with the RMP requirements were reported	compliant
			In the 2020 to 2021 ACR no potential non-compliances with conditions of EPBC 2013/7048 were identified; 8 potential non- conformances with the RMP requirements were reported	
			In the 2021 to 2022 ACR no potential non-compliances with conditions of EPBC 2013/7048 were identified; 4 potential non- conformances with the RMP requirements were reported	
			In the 2023 ACR no potential non-compliances with conditions of EPBC 2013/7048 were identified; 2 potential	



Condition	Condition	Evidence	Comments	Compliance
Number				status
			non-conformances with the RMP requirements were reported	
EPBC 8.5	Unless otherwise agreed to in writing by the Minister, the approval holder must provide a copy of each compliance report to members of the public upon request. Copies must be provided free of charge as soon as reasonably practicable but within no longer than 7 days of the request.	Management advice on 2/05/2024	Management advised that there were no requests from the public for copies of the compliance reports during the audit period. All compliance reports are available at: <u>https://www.peet.com.au/communities/perth-and-</u> <u>wa/lakelands-estate/purchaser_builder-</u> <u>information/environmental-sustainability</u>	Not applicable
EPBC 9.1	Potential or actual contraventions of the conditions of the approval must be reported to the Department in writing within 2 business days of the approval holder becoming aware of the actual or potential contravention.	Management advice on 02/05/2024	Management advised that there were no potential or actual contraventions of the EPBC approval conditions during the audit period.	Not applicable
EPBC 10.1	Upon the direction of the Minister, the approval holder must ensure that an independent audit of compliance with the conditions of approval is conducted and a report submitted to the Minister.	Management advice on 2/05/2024	Management advised that they had not received direction from the Minister to conduct an independent audit during the audit period.	Not applicable
EPBC 10.2	The independent auditor must be approved by the Minister prior to the commencement of the audit.	Refer to EPBC 10.1	Refer to EPBC 10.1	Not applicable
EPBC 10.3	Audit criteria must be agreed to by the Minister and the audit report must address the criteria to the satisfaction of the Minister.	Refer to EPBC 10.1	Refer to EPBC 10.1	Not applicable
EPBC 11.1	The approval holder may choose to revise the RMP approved by the Minister under condition 3 without submitting it for approval under section 143A of the EPBC Act, if the taking of the action in accordance with the revised RMP would not be likely to have a new or increased impact.	Management Advice 02/05/2024	No revisions to the Revegetation Management Plan occurred during the audit period	Not applicable
EPBC 11.2	If the approval holder makes this choice it must: i. notify the Department in writing that the approved RMP has been revised and provide the Department with an electronic copy of the revised RMP; ii. implement the revised RMP from the date that the plan is submitted to the Department; and iii. for the life of this approval, maintain a record of the reasons the approval holder considers that taking the action in accordance with the revised RMP would not be likely to have a new or increased impact.	Refer to EPBC 11.1	Refer to EPBC 11.1	Not applicable
EPBC 11.3	11A. The approval holder may revoke its choice under condition 11 at any time by notice to the Department. If the approval holder revokes the choice to implement the revised RMP, without approval under section 143A of the Act, the RMP approved by the Minister must be implemented.	Refer to EPBC 11.1	Refer to EPBC 11.1	Not applicable
EPBC 11.4	11B. Condition 11 does not apply if the revisions to the approved RMP include changes to matters listed under condition 3 j, unless otherwise agreed in writing by the Minister. This does not otherwise limit the circumstances in which the taking of the action in accordance with a revised RMP would, or would not, be likely to have new or increased impacts.	Refer to EPBC 11.1	Refer to EPBC 11.1	Not applicable



Condition Number	Condition	Evidence	Comments
EPBC 11.5	 11C. If the Minister gives a notice to the approval holder that the Minister is satisfied that the taking of the action in accordance with the revised RMP would be likely to have a new or increased impact, then: i. Condition 11 does not apply, or ceases to apply, in relation to the revised RMP; and ii. The approval holder must implement the RMP approved by the Minister. 	Refer to EPBC 11.1	Refer to EPBC 11.1
	To avoid any doubt, this condition does not affect any operation of conditions 11, 11A and 11B in the period before the day the notice is given. At the time of giving the notice the Minister may also notify that for a specified period of time condition 11 does not apply for the RMP required under the approval.		
EPBC 11.6	11D. Conditions 11, 11A, 11B and 11C are not intended to limit the operation of section 143A of the EPBC Act which allows the approval holder to submit a revised RMP to the Minister for approval.	Refer to EPBC 11.1	Refer to EPBC 11.1
EPBC 12.1	If the Minister believes that it is necessary or convenient for the better protection of listed threatened species and communities to do so, the Minister may request that the approval holder make specified revisions to the RMP specified in the conditions and submit the revised RMP for the Minister's written approval. The approval holder must comply with any such request.	Management Advice 2/05/2024	Management advised that no requests were receive the Minister during the audit period to revise the R
EPBC 12.2	The revised approved RMP must be implemented. Unless the Minister has approved the revised RMP, then the approval holder must continue to implement the RMP previously approved, as specified in the conditions.	Refer to EPBC 12.1	Refer to EPBC 12.1
EPBC 13.1	Unless otherwise agreed to in writing by the Minister, the approval holder must publish the revised RMP on its website.	W02_WebScreenshot 2024-05-02 RMP R03_Lakelands Revegetation Management Plan (Rev 8)	Revision 8 of the RMP (current) was accessed online auditor on 2/05/2024.
EPBC 13.2	The revised RMP must be published on that website within 1 month of being approved or submitted under condition 11 i. and remain published for the life of the approval.	W02_WebScreenshot 2024-05-02 RMP	Refer to 13.1



	Compliance status
	Not applicable
	Not applicable
eceived from the RMP.	Not applicable
	Not applicable
online by the	Compliant
	Not applicable



5. Limitations

This report has been prepared for use by the client who has commissioned the works in accordance with the project brief only, and has been based in part on information obtained from the client and other parties.

The advice herein relates only to this project and all results conclusions and recommendations made should be reviewed by a competent person with experience in environmental investigations, before being used for any other purpose.

JBS&G accepts no liability for use or interpretation by any person or body other than the client who commissioned the works. This report should not be reproduced without prior approval by the client, or amended in any way without prior approval by JBS&G, and should not be relied upon by other parties, who should make their own enquires.

Sampling and chemical analysis of environmental media is based on appropriate guidance documents made and approved by the relevant regulatory authorities. Conclusions arising from the review and assessment of environmental data are based on the sampling and analysis considered appropriate based on the regulatory requirements.

Limited sampling and laboratory analyses were undertaken as part of the investigations undertaken, as described herein. Ground conditions between sampling locations and media may vary, and this should be considered when extrapolating between sampling points. Chemical analytes are based on the information detailed in the site history. Further chemicals or categories of chemicals may exist at the site, which were not identified in the site history and which may not be expected at the site.

Changes to the subsurface conditions may occur subsequent to the investigations described herein, through natural processes or through the intentional or accidental addition of contaminants. The conclusions and recommendations reached in this report are based on the information obtained at the time of the investigations.

This report does not provide a complete assessment of the environmental status of the site, and it is limited to the scope defined herein. Should information become available regarding conditions at the site including previously unknown sources of contamination, JBS&G reserves the right to review the report in the context of the additional information.

6. References

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

Strategen 2020, Revegetation Management Plan (RMP) (Revision 7)



Appendix A EPBC Approval 2013/7048

Appendix B Revegetation Management Plan Assessment

Condition Number	Condition	Timing	Evidence	Comments	Compliance status
RMP 01	Section 3.1 Revegetation objectives and scope Revegetation will occur within two specified areas (revegetation areas and landscaping areas in the offset site) as displayed in Figure 1.	During revegetation	R02_2023 Lakelands ACR (Rev 0)	Revegetation planting in revegetation area commenced in 2016 and landscape areas in July 2017. Revegetation planting was undertaken in the revegetation area on 07/07/2021 over an area of 0.27 ha with 1,506 individuals planted.	Conformant
RMP 02	Section 3.1 Revegetation objectives and scope Planting of 6200 tree or shrub plants, including no less than 3000 plants that are potential breeding species and no less than 3200 plants that are foraging species will occur within "revegetation areas" totalling a maximum of 9.14 ha in size and areas intended for managed landscaping (landscaping areas) totalling 1.23 ha within the total offset site (10.8 ha).	Refer to RMP 7.	R04 64790 Revegetation Monitoring Report 2023 (Rev0)	The requirement to plant 6200 tree or shrub plants including no less than 3000 plants that are potential breeding habitat and no less than 3200 plants that are foraging species was achieved in 2016.	Complete
RMP 03	 Table 2: Completion criteria and indicators for revegetation objectives for the revegetation site¹ No greater than 10% weed cover. No Declared Plants or weeds of national environmental significance. 	At completion.	R04 64790 Revegetation Monitoring Report 2023 (Rev0)	 The annual revegetation monitoring survey undertaken on 14/09/2023 (M01) identified weed control appeared to have been unsuccessful in two Northern quadrats: Quadrats 2 and 8 did not meet completion criteria. Quadrats 1, 3, 4, 5, 6, and 7 met completion criteria. Quadrats 2 and 8 did not meet the weed foliage cover criterion, recording approximately 44.81% and 40.26% weed cover respectively. Quadrats 1, 3, 4, 5, and 6 recorded weed foliage cover of 5% or less. 	Potentially non- conformant
RMP 04	Table 2: Completion criteria and indicators for revegetationobjectives for the revegetation site1Implement contingency measures as outlined in section 6 if grazingis observed on planted seedlings.	At completion.	R04 64790 Revegetation Monitoring Report 2023 (Rev0)	There were no planted seedlings in 2022 or 2023. The annual revegetation monitoring survey undertaken on 14/09/2023 did not report issues with grazing on vegetation.	Not applicable
RMP 05	 Table 2: Completion criteria and indicators for revegetation objectives for the revegetation site¹ Establish local provenance species as detailed in Table 6 through seedling planting. Table 6: Acacia saligna, Allocasuarina fraseriana, Banksia attenuata, Banksia baxteri, Banksia coccinea, Banksia hookeriana, Banksia nivea, Banksia sessilis, Corymbia calophylla, Corymbia ficifolia, Eremophila glabra, Eucalyptus marginata, Eucalyptus gomphocephala, Eucalyptus preissiana, Eucalyptus rudis, Grevillea bipinnatifida, Grevillea paniculata, Grevillea wilsonii, Hakea amplexicaulis. 	At completion.	Management advice on 02/05/2024	No planting was undertaken in 2022 and there have been no new plantings in the reporting period (2023).	Not applicable
RMP 06	Table 2: Completion criteria and indicators for revegetationobjectives for the revegetation site1Ensure management actions as detailed in section 4 are compliedwith.	Refer to item 10 –15.	Refer to items RMP 10-15 and 16 - 23.	Refer to items RMP 10-15 and 16-23	Conformant
RMP 07	Table 2: Completion criteria and indicators for revegetationobjectives for the revegetation site1Plant a minimum of 6200 tree or shrub plants, including no less than3000 plants that are potential breeding species and no less than	At completion.	Refer to RMP 02	Refer to RMP 02	Complete

Table B.1: Revegetation Management Plan (Revision 7) Audit Table



- II					JBS&C
Condition Number	Condition	Timing	Evidence	Comments	Compliance status
Number	3200 plants that are foraging species of local within the 10.8 ha offset site.				status
RMP 08	Table 2: Completion criteria and indicators for revegetation objectives for the revegetation site1Achieved 80% survival of planted potential breeding species and 80% survival of planted foraging species within the offset site ten years from the planting completion date.	At completion.	R04 64790 Revegetation Monitoring Report 2023 (Rev0)	This criterion will be assessed 10 years from planting in winter 2026.	Not applicable
RMP 09	Section 4.1.1 Revegetation areas Seedlings will be propagated in an accredited nursery from seed collected from within a 50 km radius of the revegetation site. This radius may need to be extended if the relevant local government have restrictions on seed collection at the time seed collection is required.	Prior to revegetation activities taking place.	Refer to RMP 05	Refer to RMP 05	Not applicable
RMP 10	Table 3: Management actions (revegetation areas)Undertake a site inspection to identify the weed species, locationsand abundance within revegetation areas.	Prior to revegetation activities taking place.	R04 64790 Revegetation Monitoring Report 2023 (Rev0)	The annual revegetation monitoring survey undertaken on 14/09/2023 (M04) identified weed species, locations and abundance within the revegetation areas.	Conformant
RMP 11	Table 3: Management actions (revegetation areas) Undertake weed control (as described in section 4.2) at the revegetation areas based on the results of the site inspection at least twice prior to commencing revegetation activities.	Prior to seedling planting taking place in accordance with chemical specifications.	E07_Workpower Weed Control Chemical Application Logs E08_Weed Control Application Diagram E03_Weed Control Invoice - Q1 E04_Weed Control Invoice - Q2 E05_Weed Control Invoice - Q3	Weed control was undertaken in February, June and August 2023. No revegetation activities occurred in the reporting period.	Conformant
RMP 12	Table 3: Management actions (revegetation areas)Undertake seedling planting as described in Section 4.3.	After the completion of initial weed control.	Refer to RMP 05	Refer to RMP 05	Not applicable
RMP 13	Table 3: Management actions (revegetation areas)Install a minimum of three stakes and a protective guard aroundeach seedling to provide micro-climate control and protect thevegetation from grazing by feral and native herbivorous animals (i.e.,rabbits and kangaroos) and wind damage.	After seedling planting.	Refer to RMP 05	Refer to RMP 05	Not applicable
RMP 14	Table 3: Management actions (revegetation areas)Ensure all plants and other materials used in revegetation are free of dieback and weeds.	Prior to revegetation activities taking place.	Refer to RMP 05	Refer to RMP 05	Not applicable
RMP 15	Table 3: Management actions (revegetation areas)Ensure vehicles, machinery, equipment and footwear are free ofmud and soil when entering revegetation areas.	At all times.	E06_Workpower Hygiene Register	Workpower inspected and cleaned down vehicles, equipment and footwear prior to entry.	Conformant
RMP 16	Section 4.1.2 Landscaping area Seedlings will be propagated in an accredited nursery from seed collected from within a 50 km radius of the revegetation site. This radius may need to be extended if the relevant local government have restrictions on seed collection at the time seed collection is required.	Prior to revegetation activities taking place.	Refer to RMP 05	Refer to RMP 05	Not applicable

		1	1		<u> GJBS&G</u>
Condition Number	Condition	Timing	Evidence	Comments	Compliance status
RMP 17	Table 4: Management actions (landscaping areas in the offset site) Undertake a site inspection to identify the weed species, locations and abundance within the landscaping areas.	Prior to revegetation activities taking place.	R04 64790 Revegetation Monitoring Report 2023 (Rev0)	The annual revegetation monitoring survey undertaken on 14/09/2023 (M04) made general observations of weeds in the landscaping area. "Weed foliage cover was noted as negligible through the eastern portion of the landscape area. Weed foliage cover was noted to be higher around the western portion of the landscape area closer to Quadrats 7 and 8 and towards the lake edge; however, this has consistently been the case since monitoring first commenced." The report did not specifically identify weed species in the landscaping areas. OFI Future monitoring should include dominant weed species in the landscaping areas to aid in weed control targetting.	Conformant
RMP 18	Table 4: Management actions (landscaping areas in the offset site) Undertake weed control (as described in section 4.1.2) at the landscaping areas based on the results of the site inspection at least twice prior to commencing revegetation activities.	Prior to seedling planting taking place in accordance with chemical specifications.	Management Advice 02/05/2024	No seedling planting was undertaken in the landscaping areas in the reporting period.	Not applicable
RMP 19	Table 4: Management actions (landscaping areas in the offset site) Undertake ongoing maintenance weed control as described in section 4.1.2.	Biannually (as necessary) until responsibility of managing the revegetation site is transferred to City of Mandurah.	E09_Lakelands Chem Spray Diary	Ongoing maintenance weed control in the form of spot spraying was undertaken in the landscaping area fortnightly during the reporting period (E09).	Conformant
RMP 20	Table 4: Management actions (landscaping areas in the offset site)Undertake seedling planting as described in Section 4.3.	After the completion of initial weed control.	Refer to RMP 18	Refer to RMP 18	Not applicable
RMP 21	Table 4: Management actions (landscaping areas in the offset site) Install a minimum of three stakes and a protective guard around each seedling to provide micro-climate control and protect the vegetation from grazing by feral and native herbivorous animals (i.e., rabbits and kangaroos) and wind damage.	After seedling planting.	Refer to RMP 18	Refer to RMP 18	Not applicable
RMP 22	Table 4: Management actions (landscaping areas in the offset site)Ensure all plants and other materials used in revegetation are free ofdieback and weeds.	Prior to revegetation activities taking place.	Refer to RMP 18	Refer to RMP 18	Not applicable
RMP 23	Table 4: Management actions (landscaping areas in the offset site)Ensure vehicles, machinery, equipment and footwear are free ofmud and soil when entering landscaping areas.	At all times.	E10_Lakelands BSL Inspection Checklist	Dieback protocols are required to prevent introduction of <i>Phytophthora cinnamomic</i> to the Black Swan offset site. The Horizon West Inspection Checklist verifies footwear, vehicles and equipment are clear of soil and mud prior to entry (E10).	Conformant
RMP 24	Section 4.2 Weed control techniques will comprise of chemical controls identified in Table 5 Table 5: Initial broad scale spray herbicide application (using towed boom spray rigs) Spot spray herbicide application Stem injection, cut and paint.	At all times.	E09_Lakelands Chem Spray Diary	Weed spraying was undertaken in April 2023 through to Feb 2024 by Horizon West. The chemical spray diary documents the rate of chemical applied.	Conformant

	1	1	1	1	∲JBS& G
Condition Number	Condition	Timing	Evidence	Comments	Compliance status
RMP 25	Section 4.2 Weed control will commence in winter, prior to revegetation activities commencing. This will be in the form of a broad scale weed spray over the revegetation site to reduce initial weed loads prior to planting.	Prior to revegetation activities taking place.	E09_Lakelands Chem Spray Diary E03_Weed Control Invoice - Q1 E04_Weed Control Invoice - Q2 E05_Weed Control Invoice - Q3	No planting was undertaken in 2023. Weed spraying in the landscaping are commenced in April 2023. Weed control was undertaken in the revegetation in February, June and August 2023. No revegetation activities occurred in the reporting period.	Conformant
RMP 26	Section 4.2 Follow up weed control activities will be in the form of spot spraying around planted seedlings. Weed control post planting will be focussed on the immediate areas surrounding planted seedlings (e.g., 1 m radius around planted seedlings).	After seedling planting.	Management Advice 02/05/2024	No planting was undertaken in 2023.	Not applicable
RMP 27	Section 4.2 Weed control will be undertaken by Peet until handover of management to the site to the City of Mandurah.	Until handover of management to the site to the City of Mandurah.	Management Advice 02/05/2024	Management advised that PEET and their contractors have undertaken all weed control on site to date. Handover to the City of Mandurah (CoM) is not expected until approximately 3 year's time.	Conformant
RMP 28	Section 4.3 Plants used in revegetation activities will be propagated from native seed collected from the local area. Seed will be collected from a 50 km radius from the revegetation site by licensed seed collectors.	Refer to RMP 9.	Refer to RMP 05 and RMP 18	Refer to RMP 05 and RMP 18	Not applicable
RMP 29	Section 4.3 Only species defined within EPBC 2013/7048 as potential breeding or foraging species for black cockatoos (Tuart, Marri, Jarrah, Acacia saligna, Banksia attenuata, Banksia grandis, Banksia menziesii and Allocasuarina fraseriana species) will be considered as part of the 6200 plants that are required to be planted.	At all times.	Refer to RMP 05 and RMP 18	Refer to RMP 05 and RMP 18	Not applicable
RMP 30	Section 4.3 Seed collection will be undertaken in late-spring to summer of the year preceding planting activities.	Late-spring to summer of the year preceding planting activities.	Management Advice 02/05/2024 R04 64790 Revegetation Monitoring Report 2023 (Rev0) R03_Lakelands Revegetation Management Plan (Rev 8)	Peet did not collect seed in late-spring to summer 2023. Infill planting is required within 12 months (R03 Table 8) of the 2022/23 revegetation survey (R04).	Potentially non- conformant
RMP 31	Section 4.3 Due to the nature of the revegetation site (i.e., overstorey species and limited good quality topsoil), habitat creation will be focussed on seedling planting rather than direct seeding to maximise potential for revegetation success. As a result, no initial site works (e.g., ripping, scarifying or topsoil transfer) will be required.	During seedling planting.	Refer to RMP 05 and RMP 18	Refer to RMP 05 and RMP 18	Not applicable
RMP 32	Section 4.3 Seedling planting will be undertaken in early winter, within one month of the first rains.	Early winter, within one month of the first rains.	Refer to RMP 05 and RMP 18	Refer to RMP 05 and RMP 18	Not applicable
RMP 33	Section 4.3 If the target stocking rate is not met (determined by revegetation monitoring) contingency actions as described in Section 6 will be implemented.	Refer to item 51 – 57.	R04_64790 Revegetation Monitoring Report 2023 (Rev0)	Target stocking rates have not been met in 2022 or 2023 vegetation monitoring. Infill planting (as per the requirements of Table 8 of the RMP) is required within 12 months of the 2022/23 monitoring report (ie winter 2024).	Not applicable

o 11.1					
Condition Number	Condition	Timing	Evidence	Comments	Compliance status
Number			R05_62891 Revegetation Monitoring Report 2022 (Rev 0)		Status
RMP 34	Section 4.3 Seedlings (in the form of Tubestock) used for planting should be suitably mature, between 6 to 12 months to enable optimal establishment and growth.	During revegetation.	Refer to RMP 05 and RMP 18	Refer to RMP 05 and RMP 18	Not applicable
RMP 35	 Section 4.3 Tubestock should also not be root bound and planting should be undertaken as follows: optimal location of each species at the site should be chosen at the time of planting to ensure appropriate condition for each species (e.g., topography, shade/sun, soil moisture etc) seedling should be planted so that the stem is vertical and the base of the plant is slightly below the original soil surface soil surrounding the seedling root ball should be pressed in firmly to avoid air pockets a minimum of three stakes and a protective guard manufactured for such purpose should be placed around the seedling to protect the vegetation from grazing and wind damage. 	During revegetation.	Refer to RMP 05 and RMP 18	Refer to RMP 05 and RMP 18	Not applicable
RMP 36	Section 4.3 If during monitoring plant stress is observed a wetting agent or additional watering options will be investigated as described in Table 10.	Refer to item 55.	R04_64790 Revegetation Monitoring Report 2023 (Rev0)	The revegetation monitoring report noted plant stress was evident to some Eucalyptus species in quadrat 8. Quadrat 8 has seen loss of multiple species due to water inundation since planting in 2021 so a wetting agent or additional watering is not a viable solution.	Not applicable
RMP 37	Section 4.3 If monitoring determines that revegetation requires supplementary seedling planting in subsequent years, this will be undertaken prior to the main winter rainfall, within one month of the first rains and following the required soil preparation and weed treatment as described in Table 10.	Refer to item 52.	R05_62891 Revegetation Monitoring Report 2022 (Rev 0) C03_2023 Advice on Planting Requirements	The monitoring report from 14/09/2022 recommended infill planting: "Undertake infill planting prior to the next planting season in Winter 2023 to increase the density of CBC breeding stock plants (such as E. marginata, C. calophylla and E. gomphocephala) across the revegetation area." Discussions were held between the ecologist and rehabilitation specialist (CO3) and it was decided that no infill planting would be undertaken in winter 2023 due to: it not being required under the RMP schedule (Table 8) lack of seedlings on the market	Not applicable
RMP 38	Section 4.4 Tree guards are to be installed around planted seedlings which will provide protection from browsing animals.	Refer to item 35.	Refer to RMP 05 and RMP 18	Refer to RMP 05 and RMP 18	Not applicable
RMP 39	Section 4.5 Hygiene measures To reduce the risk of introducing dieback into the offset site, seed sources to be used in tubestock will be propagated by a NIASA (Nursery Industry Accreditation Scheme of Australia) accredited nursery.	Prior to revegetation activities taking place.	Refer to RMP 05 and RMP 18	Refer to RMP 05 and RMP 18	Not applicable
RMP 40	Section 4.5 Hygiene measures Vehicles, machinery, equipment and footwear will also be free of mud and soil when entering the offset site.	During revegetation.	Management Advice 02/05/2024	No revegetation activities occurred in the offset area in the audit period	Not applicable
RMP 41	Section 4.7 Conservation mechanism	By 30 June 2020.	R02_2023 Lakelands ACR (Rev 0)	This was complete in a previous audit period.	Complete

	Condition	Timing	Evidence	Comments	Compliance
Number	A conservation covenant under one of the following legislative mechanisms will be applied over the offset site by 30 June 2019: Transfer of Land Act 1893 Soil and Land Conservation Act 1945 National Trust of Australia (WA) Act 1964.				status
RMP 42	Section 5.1.1 Revegetation areas Monitoring plots will be established within revegetation areas to enable monitoring data to be collected. Six 10 m by 10 m monitoring plots will be set up within revegetation areas taking into consideration species type, topography etc.	Every three years.	R04_64790 Revegetation Monitoring Report 2023 (Rev0)	The annual revegetation monitoring survey undertaken on 14/09/2023 monitored eight permanent 10 m by 10 m monitoring plots within the revegetation area. It is noted that revegetation monitoring is being undertaken annually which is more frequent than required by the RMP (every 3 years).	Conformant
RMP 43	Section 5.1.1 Revegetation areas Each plot will be divided into five 1 m x 1 m quadrats based on a method provided by Dr Eleanor Bennett (Bennett E [Bennett Environmental Consulting Pty Ltd] 2012, pers. comm. 10 September).	Every three years.	R02_2023 Lakelands ACR (Rev 0)	Correspondence from the revegetation monitoring consultant advised that this monitoring method is useful as a "subsampling" method for rehabilitation sites with very high plant density. Plant density is recorded within each subplot and then averaged over the total area of all the subplots within the rehabilitation area. However, plant density at Lakelands has not reached a sufficient level to require subsampling; rather, a total count of all plants within each 10 x 10m quadrat was undertaken. This ultimately provides a more accurate record of plant density than subsampling.	Not applicable
RMP 44	 Section 5.1.1 Revegetation areas Data will be collected from each of the five 1 m x 1 m quadrats, in order to enable collection of representative data from each quadrat. Data collected from each quadrat will include: flora species composition vegetation structure density of flora species. Numbers of trees will be recorded from the entire 10 m by 10 m monitoring plot to obtain an appropriate representative sample. 	Every three years.	R04_64790 Revegetation Monitoring Report 2023 (Rev0)	 The annual revegetation monitoring survey/report undertaken on 14/09/2023 and data was collected on the required parameters. Data collected from each quadrant included: flora species composition vegetation structure density of flora species. Numbers of trees were recorded from the entire 10 m by 10 m monitoring plot to obtain an appropriate representative sample. 	Conformant
RMP 45	Section 5.1.1 Revegetation areas Each plot will be monitored every three years during spring (commencing in spring 2019) as per Table 8 until handover (anticipated to be handed over to CoM in 2026).	Every three years.	R04_64790 Revegetation Monitoring Report 2023 (Rev0)	The annual revegetation monitoring survey was undertaken on 14/09/2023 within the revegetation area. It was noted that revegetation monitoring is being undertaken annually which is more frequent than required by the RMP (every 3 years).	Conformant
RMP 46	 Section 5.1.2 Landscaping areas Landscaping areas within the offset site will be monitored at the same time as revegetation areas. Monitoring within landscaping areas will comprise of a visual observation of plant health. Any occurrences of the following will be recorded: plant stress plant mortality weed species. 	Every three years.	R04_64790 Revegetation Monitoring Report 2023 (Rev0)	Observations in landscaping areas were undertaken on 14/09/2023 at the same time as the revegetation monitoring was undertaken. Observations included a visual assessment of plant health, recording instances of stress and mortality in native plants; in addition, information relating to weed presence and foliage cover was recorded and photographed.	Conformant
RMP 47	Table 9: Monitoring program for revegetation and landscaping areas within the offset siteOpportunistic observation during monitoring: a. Plant health (i.e., evidence of water stress, pests, animal grazing).	3 yearly.	R04_64790 Revegetation Monitoring Report 2023 (Rev0)	Annual monitoring for the revegetation and landscaping areas was undertaken on 14/09/2023 and included observations on plant health (e.g., plant stress, mortality and grazing) in both areas.	Conformant

Condition Number	Condition	Timing	Evidence	Comments	Compliance status
RMP 48	Table 9: Monitoring program for revegetation and landscaping areas within the offset siteMonitoring of quadrats.a. Plant densityb. Species richnessc. Plant health (i.e., evidence of water stress, pests, animal grazing).	3 yearly.	R04_64790 Revegetation Monitoring Report 2023 (Rev0)	Monitoring of eight permanent monitoring plots established within the revegetation area were assessed on 14/09/2023 and included species composition of planted flora, abundance of each planted flora species and native plant health. Monitoring plots within the landscaping area is not a requirement of the RMP.	Conformant
RMP 49	 Table 9: Monitoring program for revegetation and landscaping areas within the offset site Observation during monitoring. a. Weed species. To monitor weed occurrence within revegetation and landscaping areas To monitor weed growth in revegetation and landscaping areas and compare to completion criteria. 	Annually until handover to the CoM.	R04_64790 Revegetation Monitoring Report 2023 (Rev0)	Annual monitoring of weed species in the revegetation and landscaping areas was undertaken on 14/09/2023. Weed occurrence was monitored within the revegetation and landscaping areas. Weed growth was not compared to the completion criteria in the landscaping areas. OFI Weed growth in landscaping areas is to be monitored in the future.	Conformant
RMP 50	Section 6: Contingency measures Contingency actions will be initiated if monitoring indicates that management actions detailed for revegetation areas (Table 3) and landscaping areas within the offset site (Table 4) have not been successful or effective and/or completion criteria are not being achieved (Table 10).	Every three years.	R04_64790 Revegetation Monitoring Report 2023 (Rev0)	Monitoring 14/09/2023 identified greater than 10% weed cover on two monitoring plots. See RMP 56 for contingency measures.	Potentially non- conformant
RMP 51	Section 6: Contingency measures Where contingency actions are required to be implemented, they will be reported to DotE as part of the EPBC Act annual environmental reporting requirements, as detailed in Section 8.	As required.	R01_2024 Lakelands ACR (Rev 0)	This audit table forms part of the EPBC 2013/7048 Annual Audit Compliance Report.	Conformant
RMP 52	 If any of the 3 yearly assessment reports determine that survival rates of planted potential breeding species or planted foraging species are below 80 percent. Identify cause. Implement approach to remedy cause which could include: collecting additional provenance seed for plant propagation to compensate for the insufficient native plant species richness and/or cover undertaking infill seedling planting within 12 months of the date of survey application of additives such as Seasol, water granules, soil breaker, water retainer, wetting agent or fertiliser tablets as deemed necessary by revegetation contractor. further weed and/or pest control if required post infill planting. Monitor success of contingency measure(s). 	As required.	R04_64790 Revegetation Monitoring Report 2023 (Rev0) R05_62891 Revegetation Monitoring Report 2022 (Rev 0) C03_2023 Advice on Planting Requirements Management Advice 02/05/2024	The target density for foraging species is 496 plants / ha (80% of 3200 plants over 5.16 ha). The Revegetation Monitoring Surveys conducted recorded a density of: 550/ha ± 60 plants / ha for 2022; and 500/ha ± 19 plants / ha for 2023. The target density for breeding species is 465 plants / ha (80% of 3000 plants over 5.16 ha). The Revegetation Monitoring Surveys conducted recorded a density of: 313/ha ± 41 plants / ha for 2022; and 325/ha ± 15 plants / ha for 2023. Discussions were held when the trigger was exceeded in 2022 between the ecologist and rehabilitation specialist (C03) and it was decided that cause analysis would be delayed until 2023 with no infill planting undertaken in winter 2023. No cause analysis was undertaken in 2023. No infill planting was undertaken. No planning for infill planting in 2024 was undertaken in 2023.	Potentially non- conformant
RMP 53	 Approximately 20% of seedlings planted show evidence of damage by animal (i.e., grazing). Implement measures to prevent further damage which could include: animal control program installation of temporary fencing 	As required.	Refer to RMP 05 and RMP 18	Refer to RMP 05 and RMP 18	Not applicable

					JBS&G
Condition Number	Condition	Timing	Evidence	Comments	Compliance
	 application of pesticides in consultation with the CoM and Department of Parks and Wildlife (Parks and Wildlife) if required applying wetting agent or supplementary watering removing damaged plants and replanting providing alternate species suitable to the site and provenance requirements. Monitor success of contingency measure(s). 				status
RMP 54	 Approximately 20% of seedlings planted show evidence of damage by pests. Implement measures to prevent further damage which could include: animal control program installation of temporary fencing application of pesticides in consultation with the CoM and Department of Parks and Wildlife (Parks and Wildlife) if required applying wetting agent or supplementary watering removing damaged plants and replanting providing alternate species suitable to the site and provenance requirements. Monitor success of contingency measure(s). 	As required.	Refer to RMP 05 and RMP 18	Refer to RMP 05 and RMP 18	Not applicable
RMP 55	 Approximately 20% of seedlings planted show evidence of water stress. Implement measures to prevent further damage which could include: animal control program installation of temporary fencing application of pesticides in consultation with the CoM and Department of Parks and Wildlife (Parks and Wildlife) if required applying wetting agent or supplementary watering removing damaged plants and replanting providing alternate species suitable to the site and provenance requirements. 	As required.	Refer to RMP 05 and RMP 18	Refer to RMP 05 and RMP 18	Not applicable
RMP 56	 No greater than 10% weed cover No Declared Plants or weeds of national environmental significance Investigate cause (e.g. adjacent sources of weed seed). Implement measures to remove weeds (e.g. weed control) as practicable. Monitor success of contingency measure(s). 	As required.	R04_64790 Revegetation Monitoring Report 2023 (Rev0)	 During the 2023 monitoring Quadrat 2, and 8 recorded 44.81% and 40.23% weed cover. Investigation into the cause found that the wetter soil conditions on the northern side of the lake are likely the cause of the greater weed cover associated with the increased swamp water levels. This is in contrast to the southern plots. Weed spraying was undertaken February, June and August 2023. This program will continue in 2024. Success of the contingency measures will be monitored during the 2024 revegetation monitoring survey. 	Conformant

Condition Number	Condition	Timing	Evidence	Comments	Compliance status
RMP 57	 Unauthorised access (people and vehicles). Implement measures to prevent further unauthorised access (e.g. installation of temporary fencing and signage), as practicable. Monitor success of contingency measure(s). 	As required.	Management Advice 02/05/2024	No unauthorised access evident. Only evidence of access is by maintenance through secure bollard system.	Conformant
RMP 58	Section 7 Plan implementation This RMP will be implemented by Peet until responsibility of the revegetation site is transferred to the City of Mandurah (CoM).	Until responsibility of the revegetation site is transferred to the City of Mandurah.	Management Advice 02/05/2024	PEET maintained responsibility of the implementation of the RMP throughout the audit period. Handover from PEET to the CoM is not scheduled for approximately 3 years	Conformant
RMP 59	Section 7 Plan implementation The revegetation site will be vested as Crown Reserve designated as Public Open Space (POS), with management vested to the City of Mandurah under Section 152 of the <i>Planning and Development Act</i> 2005.	At handover.	Management Advice 02/05/2024	Handover from PEET to the CoM is not scheduled for approximately 3 years	Not applicable
RMP 60	Section 7.1 Roles and responsibilities All contractors and staff will be required to operate in accordance with this RMP.	At all times.	Management Advice 02/05/2024 R03_Lakelands Revegetation Management Plan (Rev 8) R04 64790 Revegetation Monitoring Report 2023 (Rev0)	Management advised that all contractors and staff are required to operate in accordance with the RMP. Personnel are undertaking the tasks and requirements of the RMP in accordance with the RMP.	Conformant



Appendix C Evidence Register

Table C.2: Evidence Register

Code	Reference	Author	Electronic	Hard-copy	Торіс
C01	C01_Notice of EPBC Act Approval 2013_7048 2022 Annual Compliance Report for Lakelands East	JBS&G	x		Submission correspondence for 2023 ACR to DCCEEW
C02	C02_DCCEEW Receipt of 2023 ACR for Lakelands East _SEC_UNOFFICIAL_	DCCEEW	х		Email from DCCEEW acknowledging receipt of the 2023 Lakelands ACR
C03	C03_2023 Advice on Planting Requirements	JBS&G / Tranen	х		Email to Peet in regard to not undertaking infill planting in 2023.
C04	C04_Nearmaps Sequence - Stage 77	Nearmap	X		Series of Nearmap images over the Stage 77 site: • 13/01/2023 • 26/02/2023 • 31/01/2024 • 02/04/2024
C05	C07_Nearmaps Sequence - Town Centre Residential Stage 41	Peet	X		Series of Nearmap images over the Town Centre Residential Stage 41 site: 13/01/2023 26/02/2023 31/01/2024 02/04/2024
C06	C06_Nearmaps Sequence - Borrow Pit Earthwork	Peet	X		Series of Nearmap images over the Borrow Pit Earthwork site: • 13/01/2023 • 26/02/2023 • 31/01/2024

Code	Reference	Author	Electronic	Hard-copy	Торіс
					• 02/04/2024
C07	C07_FY2014-15 Publishing offset site information for EPBC 20137048 Lakelands East' residential development Mandurah WA SECOFFICIAL	DCCEEW	X		Email request from DCCEEW for further information on Lakelands Black Swan Lake offset site prior to the Department publishing the offset data on their website.
E01	E01_Indivual Trees Removed - Stage 41	Tabec	X		Nearmap image marked up with individual trees removed at Town Centre Residential Stage 41 site
E02	E02_Individual Trees Removed - Borrow Pit	Tabec	x		Nearmap image marked up with individual trees removed at Borrow Pit Earthwork site
E03	E03_Weed Control Invoice - Q1	JBS&G	x		JBS&G Invoice 99345 (24/02/2023) for Black Swan Lake Weed Control first event 2023
E04	E04_Weed Control Invoice – Q2	JBS&G	x		JBS&G Invoice 102039 (30/06/2023) for Black Swan Lake June 2023Weed Control event
E05	E05_Weed Control Invoice – Q3	JBS&G	x		JBS&G Invoice 103426 (26/09/2023) for Black Swan Lake September 2023 Weed Control event
E06	E06_Workpower Hygiene Register	Workpower	x		Workpower Hygiene Logs for August 2023 Weed Control
E07	E07_Workpower Weed Control Chemical Application Logs	Workpower	x		Workpower Weed Treatment Chemical Logs for August 2023 Weed Control
E08	E08_Weed Control Application Diagram	Workpower	x		Workpower Weed Treatment Application Map for August 2023 Weed Control
E09	E09_Lakelands Chem Spray Diary	Horizon West	x		Horizon West Lakelands Chem Spray Diary April 2023 to April 2024
E10	E10_Lakelands BSL Inspection Checklist	Horizon West	x		Horizon West Lakelands Black Swan Lake Inspection Checklist 20/03/2024
R01	R01_2024 Lakelands ACR (Rev 0)	JBS&G	Х		This Annual Compliance Report

Code	Reference	Author	Electronic	Hard-copy	Торіс
R02	R02_2023 Lakelands ACR (Rev 0)	JBS&G	X		Annual Compliance Report for the period 3 February 2022 to 2 February 2023
R03	R03_Lakelands Revegetation Management Plan (Rev 8)	Strategen- JBS&G	X		Peet Limited Lakelands East: Lot 9099 Mandjoogoordap Drive, Mandurah Black Swan Swamp Revegetation Management Plan Rev 8 (28 July 2020)
R04	R04 64790 Revegetation Monitoring Report 2023 (Rev0)	JBS&G	X		JBS&G Lakelands East - Black Swan Swamp Annual Revegetation Monitoring: Spring 2023
R05	R05_62891 Revegetation Monitoring Report 2022 (Rev 0)	JBS&G	X		JBS&G Lakelands East - Black Swan Swamp Annual Revegetation Monitoring: Spring 2022
W01	W01_Web Screenshot 2024-05- 02 ACRs	JBS&G	X		Website screenshot of Lakelands ACRs at: <u>https://www.peet.com.au/communities/perth-and-wa/lakelands-estate/purchaser_builder-information/environmental-sustainability</u>
W02	W02_WebScreenshot 2024-05- 02 RMP	JBS&G	X		Website screenshot of Lakelands Revegetation Management Plan at: <u>https://www.peet.com.au/communities/perth-and-wa/lakelands-estate/purchaser_builder-information/environmental-sustainability</u>



© JBS&G

This document is and shall remain the property of JBS&G. The document may only be used for the purposes for which it was commissioned and in accordance with the Terms of Engagement for the commission. Unauthorised use of this document in any form whatsoever is prohibited

Document Distribution

Rev No.	Copies	Recipient	Date
А	1: Electronic	Julia Griffiths, Peet	03/05/2024

Document Status

Rev No.	Author	Reviewer	Approved for Issue		
		Name	Name	Signature	Date
0	A. Wills	A. Winzer	A. Winzer	8	03/05/2024
				anz	





Adelaide

Kaurna Country | 100 Hutt St, Adelaide, SA 5000 T: 08 8431 7113

Brisbane

Turrbal/Yuggera Country | Level 37, 123 Eagle Street, Brisbane, QLD 4000 T: 07 3211 5350

Bunbury

Wardandi Noongar Country | 177 Spencer Street Bunbury, WA 6230 T: 08 9792 4797

Canberra

Ngunnawal Country | Level 1, The Realm 18 National Circuit Barton, ACT 2600 T: 02 6198 3278

Darwin

Larrakia Country | Suite G1, Level 1 48-50 Smith Street, Darwin NT 0800 T: 08 8943 0600

Hobart

Muwununa/Nuenon Country | Level 6, 111 Macquarie Street Hobart, TAS 7000 T: 03 6108 9054

Melbourne

Kulin Country | Level 5, 10 Queen Street, Melbourne, VIC 3000 T: 03 9642 0599

Newcastle

Awabakal/Worimi Country | 61 / 63 Parry Street Newcastle West, NSW 2302 T: 02 8245 0300

Perth

Whadjuk Nyoongar Country | Allendale Square, Level 9, 77 St Georges Terrace, WA 6000 T: 08 9380 3100

Sydney

Gadigal Country | Level 1, 50 Margaret Street, Sydney, NSW 2000 T: 02 8245 0300

Wollongong

Dharawal Country | Suite 1A, 280 - 286 Keira Street, Wollongong, NSW 2500 T: 02 4225 2647