

Annual Compliance Report
Atlas to Reedy Creek Pipeline
EPBC 2023/09585
July 2026

JULY 2026



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1 Document Control

Document Number:					
Revision	Release Date	Document Status	Prepared by	Reviewed By	Approved By
A	03/July 2026	Issued for Use	Martin Dimaro	Paul Timmins	Jen Ward

2 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 information and documentation supporting this compliance report are true and correct in every respect.

I am authorised to bind the approval holder to this declaration and that I have no knowledge of that authorisation being revoked at the time of making this declaration.

Signed: 

Full Name: Jennifer Ward – approval delegate in accordance with management system

Position: Head of Asset Operations Gas Operations East

Organisation: ARC Pipeline Pty Ltd ACN 662 874 991

Date: 30/06/2026

3 Annual Compliance Report

3.1 Purpose

This report was prepared to satisfy the requirements of Condition 33 of the Atlas to Reedy Creek Pipeline *Environment Protection and Biodiversity Conservation Act 1999* (Cth) (**EPBC Act**) approval 2023/09585 (**EPBC 2023/09585** or **Approval**).

The following conditions of the Approval are relevant to this report:

ANNUAL COMPLIANCE REPORTING

- 33) *The approval holder must prepare a compliance report for each 12-month period following the date of this approval decision (or as otherwise agreed to in writing by the Minister).*
- 34) *Each compliance report must be consistent with the Annual Compliance Report Guidelines, Commonwealth of Australia 2023.*
- 35) *Each compliance report must include:*
- a) accurate and complete details of compliance and any non-compliance with:*
 - i) each condition attached to this approval decision, ii) all commitments made in each plan, and iii) if any incident occurred, each incident.*
 - b) one or more shapefile showing all clearing of protected matters, and/or their habitat, undertaken within the 12-month period at the end of which that compliance report is prepared.*
 - c) a schedule of all plans in existence in relation to these conditions and accurate and complete details of how each plan is being implemented.*
- 36) *The approval holder must:*
- a) publish each compliance report on the website within 20 business days following the end of the 12-month period for which that compliance report is required.*
 - b) notify the department electronically, within 5 business days of the date of publication that a compliance report has been published on the website.*
 - c) provide the weblink for the compliance report in the notification to the department.*
 - d) keep all published compliance reports required by these conditions on the website until the expiry date of this approval.*
 - e) exclude or redact sensitive ecological data from compliance reports published on the website or otherwise provided to a member of the public.*
 - f) if sensitive ecological data is excluded or redacted from the published version, submit the full compliance report to the department within 5 business days of its publication on the website and notify the department in writing what exclusions and redactions have been made in the version published on the website.*

Note: Compliance reports may be published on the department's website.

Terms used in this report have the same meaning as those given in the Approval, unless otherwise defined.

3.2 Project/ Approval Holder

Atlas to Reedy Creek Pipeline, from southwest of Wandoan to north of Yuleba, Queensland (**ARCP or Project**). ARC Pipeline Pty Ltd ACN 662 874 991 (**Approval Holder**).

3.3 Action

To construct, operate and decommission a buried high pressure natural gas pipeline and associated infrastructure approximately 57 kilometres in length from gas tenements in the Surat Basin southwest of Wandoan to the Reedy Creek to Wallumbilla Pipeline north of Yuleba, Queensland.

Refer to locality map at Appendix A

3.4 Reporting Period

Condition 33 of the Approval requires a compliance report for each 12-month period following the date of the approval, or as otherwise agreed to in writing by the Minister. EPBC 2023/09585 was approved on 6 June 2024 (as corrected by the delegate on 21 June 2024).

This compliance report is for the period of 7 June 2025 to 6 June 2026.

Activities conducted within this reporting period was commissioning and commencement of operations for the Project.

3.5 New environmental risks

No new environmental risks have become apparent during this reporting period.

3.6 Compliance assessment

An assessment of compliance with the conditions of the EPBC2023/09585 is provided in table 2.

Condition number	Condition	Is the project compliant with this condition?	Evidence/ Comments
Clearing Limits			
1	The approval holder must not take the Action outside of the project area.	Compliant	The Action was undertaken within the project area. The file 'ARCP_Asbuilt_Disturbance_Footprint_'250327.kmz' was provided to the department with the previous annual compliance report and confirms that all disturbance during the reporting period occurred within the project area. No additional disturbance occurred during this reporting period.
2	The approval holder must not clear more than:	Compliant	N/A
2(a)	35.08 hectares (ha) of Koala habitat		28.31 ha of identified potential Koala habitat was cleared for the Project's construction activities. No additional clearing during this reporting period
2(b)	29.84 ha of Greater Glider habitat		26.75 ha of identified potential Greater Glider habitat was cleared for the Project's construction activities. No additional clearing during this reporting period
2(b)	28.31 ha of Glossy Black Cockatoo habitat		25.24 ha of identified potential Glossy Black Cockatoo habitat was cleared for the Project's construction activities. No additional clearing during this reporting period
2(d)	4.80 ha of Dulacca Woodland Snail habitat		4.33 ha of identified potential Dulacca Woodland Snail habitat was cleared for the Project's construction activities. No additional clearing during this reporting period
2(e)	31.94 ha of Squatter Pigeon habitat, comprising no more than:		28.63 ha of identified potential Squatter Pigeon habitat was cleared for the Project's construction activities, comprising: 9.62 ha of potential Squatter Pigeon breeding / foraging habitat; and 19.01 ha of potential Squatter Pigeon foraging / dispersal habitat.
2(e)(i)	11.18 ha of Squatter Pigeon breeding / foraging habitat; and		
2(e)(ii)	20.76 ha of Squatter Pigeon foraging / dispersal habitat.		

			No additional clearing during this reporting period.
Action Management Plans			
3	The approval holder must commence implementing the ARCP Environmental Management Plan from the commencement of the Action and continue to implement it until the completion of the Action.	Compliant	The current approved version of the ARCP Environmental Management Plan is published on the Approval Holder's website. The Approval Holder commenced implementation of the ARCP Environmental Management Plan on acquisition of the asset and continued to implement the Plan throughout the reporting period.
4	The approval holder must commence implementing the ARCP Significant Species Management Plan from the commencement of the	Compliant	The current approved version of the ARCP significant species Management Plan is published on the Approval Holder's website. The Approval Holder commenced implementation of the ARCP significant species management plan on acquisition of the asset and continued to implement the Plan throughout the reporting period.
5	The approval holder must implement the ARCP Rehabilitation Plan from the commencement of the Action and continue to implement it until the completion of the Action.	Compliant	The current approved version of the ARCP Rehabilitation Plan is published on the Approval Holder's website. APA commenced implementation of the ARCP Rehabilitation Plan on acquisition of the asset and continued to implement the Plan throughout the reporting period.
6	The approval holder must install a camera at each glider pole location (i.e., minimum of 7 cameras). The approval holder must ensure that each glider pole location is monitored for a period of at least 5 years from the date on which the first glider pole at each glider pole location is installed to determine when each glider pole is used and by which species. The approval holder must report the most recent year's results of this ongoing monitoring to the department as part of each compliance report required by condition 33. The approval holder must notify the department in writing of the date on which each glider pole was installed, and at which glider pole location it was installed, within 5 business days of the date on which the last glider pole is installed.	Compliant	Each of the 11 glider poles had a fauna monitoring camera installed when the glider pole was established, being between 22 to 24 October 2024, and have remained in place since. The last glider pole and camera was installed on 24 October 2024. On 29 October 2024, the Approval Holder provided the required notification to the department by way of email to: epbcmonitoring@dcceew.gov.au and PostApproval@dcceew.gov.au . The monitoring results for this reporting period detailed at appendix B of this report. The Approval Holder will continue to conduct monitoring to ensure that each glider pole location is monitored for a total period of at least 5 years pursuant to this condition.
Environmental Offset Requirements			

7	To compensate for the residual significant impacts of the Action on protected matters, the approval holder must commence implementing the Offset Area Management Plan (OAMP) prior to commencement of the Action and continue to implement the OAMP at least until the expiry of this approval.	Compliant	The Approval Holder continued to implement the Offset Area Management Plan (OAMP) through this reporting period. All monitoring were completed as per condition 13
8	The approval holder must, within 5 business days of commencing implementation of the OAMP, notify the department of the date on which implementation of the OAMP commenced.	Compliant	As reported in the 2024 compliance report (SENEX-ARCP-EN-REP-008), the Approval Holder completed the required notification on commencement of implementation of the OAMP and satisfied this condition.
9	To compensate for the residual significant impacts of the Action on protected matters, the approval holder must, within 3 months of commencement of the Action, irrevocably submit an application to secure the offset site to the state agency responsible for the provision of a voluntary declaration.	Compliant	As reported in the 2024 compliance report (SENEX-ARCP-EN-REP-008), the Approval Holder irrevocably submitted the application to secure the offset site to the relevant state agency responsible for voluntary declarations. This condition has been satisfied.
10	Within 12 months of the commencement of the Action, the approval holder must ensure that the offset site has been legally secured. The approval holder must ensure that the offset site remains secured at least until the expiry date of this approval.	Compliant	The Approval Holder was required to legally secure the offset site by 6 July 2025 and legally secured the site on 15 May 2025. The offset remains secured at the end of the reporting period.
11	The approval holder must notify and provide evidence to the department in writing within 5 business days of the offset site being secured.	Compliant	As reported in the 2024 compliance report (SENEX-ARCP-EN-REP-008) the approval holder has completed the required evidence to the site being secured and has satisfied this condition.
12	The approval holder must ensure that all completion criteria are achieved across the offset site within 20 years of the commencement of the Action and are thereafter maintained or exceeded at least until the expiry of this approval.	Not applicable	The Approval Holder commenced the Action as required and continues to progress towards meeting the completion criteria, which must be achieved by 6 July 2044. This requirement falls outside the current reporting period.
Offset Area Nest Box Monitoring			
13	The approval holder must, within 2 months of every anniversary of commencing implementation of the	Compliant	The OAMP commenced on 1 July 2024, and the first anniversary annual report has been submitted to the

	OAMP, submit to the department a written report that includes, at a minimum:		department. On 01/09/2025 the next annual reporting is due on the 01/09/2026
13(a)	the outcomes of all monitoring undertaken in accordance with the OAMP over the 12-month period ending on the most recent anniversary of commencing implementation of the OAMP (the reporting period), including:	Compliant	This requirement has been completed; refer to Appendix C for a copy of the report of monitoring completed.
13(a)(i)	details of the monitoring undertaken, including timing, location and methodology		
13(a)(ii)	the findings of the monitoring, including which nest box(es) and/or cockatube(s) were occupied by which species and any evidence of ongoing occupation and/or breeding success by the targeted protected matter		
13(a)(iii)	evidence that any nest box and/or cockatube found to be, or likely to become, unsuitable for nesting by the targeted protected matter was replaced in accordance with the OAMP.		
13(b)	If there was no evidence that any of the nest boxes and/or cockatubes were occupied by the targeted protected matter during the reporting period, analysis of the likely reasons, with consideration of, at a minimum:		
13(b)(i)	the number of records of the protected matter(s) within the offset site and surrounding area, including, if available, whether natural hollows are being occupied		
13(b)(ii)	whether species other than the targeted protected matters may be occupying the nest boxes and/or cockatubes		
13(b)(iii)	the design of the nest boxes and/or cockatubes, including shape, size and thermal performance, and whether the design is sufficiently tailored to the targeted protected matters		
13(b)(iv)	the location of the nest boxes and/or cockatubes, including height, aspect and broader landscape context, and whether the location is sufficiently tailored to the targeted protected matters; and		
13(b)(v)	climatic conditions during the reporting period.		

13(c)	if there was no evidence that any of the nest boxes and/or cockatubes were occupied by the targeted protected matter during the reporting period, commitments to promptly implement corrective actions to improve the likelihood of them being used for nesting by the targeted protected matter on the basis of the analysis undertaken in accordance with condition 13) b) and		
13(d)	the outcome(s) of implementing any corrective actions committed to in previous reports.		
13(d)(i)	The approval holder must publish each report on the website within 15 business days of the date the report is submitted to the department.	Compliant	The first annual report was published on the APA website within the obligation timeframe of 15 days.
14	If the Minister is not satisfied with a report provided under condition 13, or if the Minister is not satisfied with the likelihood of nest boxes and/or cockatubes being used for nesting by the targeted protected matter, the Minister may direct in writing that the approval holder:	Compliant	The Approval Holder commenced implementation of the OAMP on 1 July 2024. The first annual report on the OAMP was provided to the department via email to epbcmonitoring@dcceew.gov.au on 1/09/2025 and the report was published on the APA website thereafter.
14(a)	provide specified additional data, evidence and/or analysis and/or		
14(b)	implement specified corrective actions at the expense of the approval holder.		
Environmental Offsets Reporting			
15	Within 60 business days after the end of each 5-year period from the commencement of the Action, until the expiry of this approval, the approval holder must submit to the department and publish on the website a report specifying in detail progress (or lack thereof) towards achieving and/or maintaining each of the completion criteria. The report must:	Not applicable	The Action commenced on 7 July 2024. Therefore, the Environmental Offsets Report for first five-year period is due in 2029 (i.e. outside the scope of the current reporting period).
15(a)	report the outcomes achieved in respect to each interim performance target in the period since the commencement of the Action		
15(b)	report in detail the outcomes achieved in respect to each interim performance target in the last five-year period		

15(c)	describe the results and effectiveness of all management actions implemented during the last five-year period		
15(d)	include all monitoring results, including all confirmed sightings, injuries and mortalities of protected matters in a format consistent with the Guidelines for biological survey and mapped data, Commonwealth of Australia 2018		
15(e)	detail any interim performance targets not met, describe all corrective actions taken and evaluate their effectiveness		
15(f)	identify any further corrective actions and/or adaptive management actions requirement to meet interim performance targets and/or completion criteria.		
Revision of Action Management Plans			
16	The approval holder may, at any time, apply to the Minister for a variation to an action management plan approved by the Minister as subsequently revised in accordance with the following conditions, by submitting an application in accordance with the requirements of section 143A of the EPBC Act. If the Minister approves a revised action management plan (RAMP) then, from the date specified, the approval holder must implement the RAMP in place of the previous action management plan.	Not applicable	No variations to an action management plan have been proposed during the reporting period.
17	The approval holder may choose to revise an action management plan required under conditions 3, 4 or 5 without submitting it for approval under section 143A of the EPBC Act, if the taking of the Action in accordance with the RAMP would not be likely to have a new or increased impact.	Not applicable	No variations to an action management plan have been proposed during the reporting period.
18	If the approval holder makes the choice under condition 17 to revise an action management plan without submitting it for approval, the approval holder must:	Not applicable	No variations to an action management plan have been proposed during the reporting period.
18(a)	notify the department electronically that the approved action management plan has been revised and provide the department with:		

18(a)(i)	an electronic copy of the RAMP.		
18(a)(ii)	an electronic copy of the RAMP marked up with track changes to show the differences between the approved action management plan and the RAMP.		
18(a)(iii)	an explanation of the differences between the approved action management plan and the RAMP.		
18(a)(iv)	the reasons the approval holder considers that taking the Action in accordance with the RAMP would not be likely to have a new or increased impact.		
18(a)(v)	written notice of the date on which the approval holder will implement the RAMP (RAMP implementation date), being at least 20 business days after the date of providing notice of the revision of the action management plan, or a date agreed to in writing with the department.		
18(b)	subject to condition 20, implement the RAMP from the RAMP implementation date.		
19	The approval holder may revoke its choice to implement a RAMP under condition 17 at any time by giving written notice to the department. If the approval holder revokes the choice under condition 17, the approval holder must implement the action management plan in force immediately prior to the revision undertaken under condition 17.	Not applicable	No variations to an action management plan have been proposed during the reporting period.
20	If the Minister notifies the approval holder that the Minister is satisfied that the taking of the Action in accordance with the RAMP would be likely to have a new or increased impact, then:	Not applicable	No variations to an action management plan have been proposed during the reporting period.
20(a)	condition 17 does not apply, or ceases to apply, in relation to the RAMP.		
20(b)	the approval holder must implement the action management plan specified by the Minister in the notice.		
21	At the time of giving the notice under condition 20, the Minister may also notify that for a specified period of time, condition 17 does not apply for one or more specified action management plans.	Not applicable	No variations to an action management plan have been proposed during the reporting period.
Submission and publication of plans			

22	The approval holder must submit all plans required by these conditions electronically to the department.	Compliant	As per 2024 compliance report, SENEX-ARCP-EN-REP-008) this condition has been fulfilled.
23	Unless otherwise agreed to in writing by the Minister, the approval holder must publish each plan on the website within 15 business days of the date:	Compliant	All plans were published on the Approval Holder's website prior to or on 19 June 2024 as reported in the 2024 annual compliance report SENEX-ARCP-EN-REP-008)
23(a)	of this approval, if the version of the plan to be implemented is specified in these conditions, or		
23(b)	the plan is approved by the Minister in writing, if the plan requires the approval of the Minister, or		
23(c)	the plan is submitted to the department in accordance with a requirement of these conditions, if the plan does not require the approval of the Minister.		
24	The approval holder must keep all plans required by these conditions published on the website until the expiry date of this approval.	Compliant	All plans remain published on the APA website since acquisition of the asset.
25	The approval holder is required to exclude or redact sensitive ecological data from plans published on the website or otherwise provided to a member of the public. If sensitive ecological data is excluded or redacted from a plan, the approval holder must notify the department in writing what exclusions and redactions have been made in the version published on the website.	Compliant	The OAMP published on the Approval Holder's website includes redacted sensitive ecological data (all redactions relate to not disclosing the location of the offset property). Per correspondence sent to department officers on 12 April 2024 and confirmed as received on 12 April 2024 the department was provided the project's Preliminary Documentation on 12 April 2024. This Preliminary Documentation included the proposed redactions for the OAMP. No sensitive ecological data was redacted from any other plan.
Notification of Date of Commencement of the Action			
26	The approval holder must notify the department electronically of the date of commencement of the Action, within 5 business days following commencement of the Action.	Compliant	Condition fulfilled as reported in the 2024 annual compliance report SENEX-ARCP-EN-REP-008). The Approval Holder notified the department of the date of commencement of the Action by email to epbcmonitoring@dcceew.gov.au on 9 July 2024, within 5 business days following commencement of the Action (on 7 July 2024).
27	The approval holder must not commence the Action later than 5 years after the date of this approval decision.	Compliant	Condition fulfilled as reported in the 2024 annual compliance report SENEX-ARCP-EN-REP-008). The Action commenced on 7 July 2024, one month

			after the date of the approval decision (on 7 June 2024).
Compliance Records			
28	The approval holder must maintain accurate and complete compliance records.	Compliant	Compliance against the conditions of approval for EPBC 2023/09585 is actively monitored and tracked by the Approval Holder management system and associated software. Appropriate records have been kept and maintained. All data can be made available to the department upon request.
29	If the department makes a request in writing, the approval holder must provide electronic copies of compliance records to the department within the timeframe specified in the request. Note: Compliance records may be subject to audit by the department, or by an independent auditor in accordance with section 458 of the EPBC Act, and/or be used to verify compliance with the conditions. Summaries of the results of an audit may be published on the department's website or through the general media.	Not applicable	No written requests for compliance records were received from the department during the reporting period.
30	The approval holder must ensure that any monitoring data (including sensitive ecological data), surveys, maps, and other spatial and metadata required under the conditions of this approval are prepared in accordance with the Guidelines for biological survey and mapped data, Commonwealth of Australia 2018, or as otherwise specified by the Minister in writing.	Compliant	The monitoring data (including sensitive ecological data), surveys, maps and other spatial and metadata required under the conditions of this approval (as detailed at Condition 32) has been prepared in accordance with the <i>Guidelines for biological survey and mapped data</i> , Commonwealth of Australia 2018.
31	The approval holder must ensure that any monitoring data (including sensitive ecological data), surveys, maps, and other spatial and metadata required under the conditions of this approval are prepared in accordance with the Guide to providing maps and boundary data for EPBC Act projects, Commonwealth of Australia 2021, or as otherwise specified by the Minister in writing.	Compliant	The monitoring data (including sensitive ecological data), surveys, maps, and other spatial and metadata required under the conditions of this approval (as detailed at Condition 32) has been prepared in accordance with the <i>Guide to providing maps and boundary data for EPBC Act projects</i> , Commonwealth of Australia 2021.
32	The approval holder must submit all monitoring data (including sensitive ecological data), surveys, maps, other spatial and metadata and all species occurrence record data (sightings and evidence of presence)	Compliant	The spatial data of the actual disturbance footprint, used to ensure compliance with Conditions 1 and 2 (Clearing Limits) have been submitted with the 2024

	electronically to the department within 20 business days of each anniversary of the date of this approval decision.		<p>annual compliance report and no further disturbance has occurred during this financial year. The results of the monitoring required under Condition 6 (which relate to glider pole monitoring) from the current reporting period are detailed in Appendix B.</p> <p>Monitoring data, surveys, maps, and other spatial metadata required under Condition 13 (Offset Area Nest Box Monitoring) were reported in the first Annual Offset Area Nest Box Monitoring Report submitted to the department by email in September 2025. The report for the current reporting period is due by 1 October 2026 and will be submitted in September 2026 in accordance with this requirement.</p> <p>Monitoring data, surveys, maps, other spatial and metadata requirements specified in Condition 15 (Environmental Offsets Reporting) are required to be reported in 2029 (i.e. outside the scope of the current reporting period).</p>
Annual Compliance Reporting			
33	The approval holder must prepare a compliance report for each 12-month period following the date of this approval decision (or as otherwise agreed to in writing by the Minister).	Compliant	The approval decision for the project was granted on 7 June 2024. This report is the annual compliance report for the second 12-month period being 7 June 2025 to 6 June 2026.
34	Each compliance report must be consistent with the Annual Compliance Report Guidelines, Commonwealth of Australia 2023.	Compliant	This annual compliance report is consistent with the <i>Annual Compliance Report Guidelines</i> , Commonwealth of Australia 2023.
35	Each compliance report must include:	Compliant	
35(a)	accurate and complete details of compliance and any non-compliance with:	Compliant	This annual compliance report includes accurate and complete details of compliance with each approval condition; all commitments made in each plan. There have been no incidents or non-compliances within the reporting period.
35(a)(i)	each condition attached to this approval decision,		

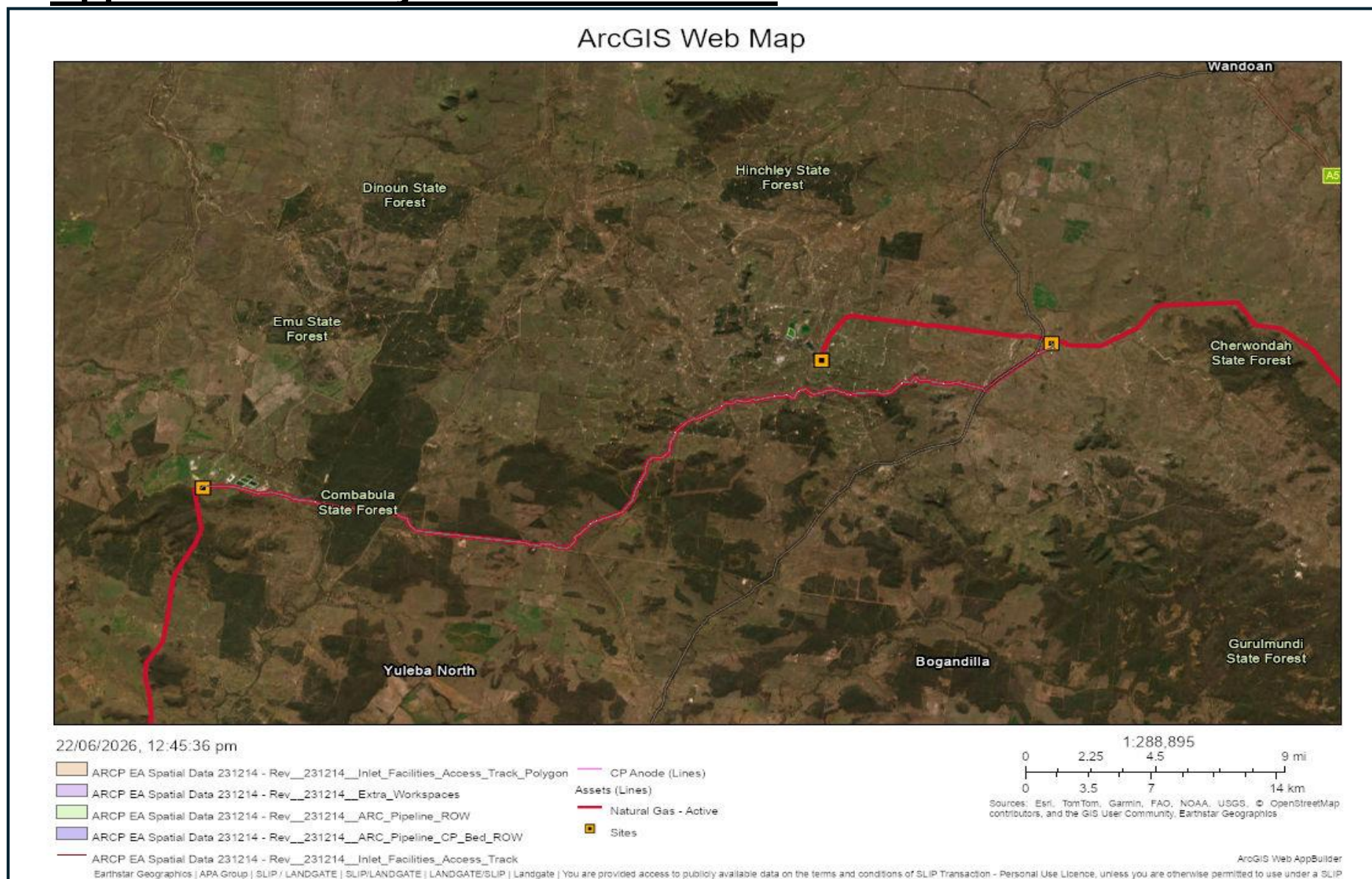
35(a)(ii)	all commitments made in each plan, and		This report covers all conditions attached to the approval, and no environmental incidents were recorded during the reporting period.
35(a)(iii)	if any incident occurred, each incident.		
35(b)	one or more shapefile showing all clearing of protected matters, and/or their habitat, undertaken within the 12-month period at the end of which that compliance report is prepared.	Not applicable	As-built data was submitted with the previous report, and no additional clearing occurred during this reporting period.
35(c)	a schedule of all plans in existence in relation to these conditions and accurate and complete details of how each plan is being implemented.	Compliant	A schedule of all plans in relation to these conditions is provided in Appendix 3 Under Condition 15, the Approval Holder is required to submit the Environmental Offsets Report detailing the implementation of the plan for first five-year period in 2029 (i.e. outside the scope of the current reporting period). All management plans are being implemented.
36	The approval holder must:	Compliant	N/A
36(a)	publish each compliance report on the website within 20 business days following the end of the 12-month period for which that compliance report is required.		The initial annual compliance report was published within 20 business days of the end of the reporting period. This report will also be published on the APA website within the required timeframe.
36(b)	notify the department electronically, within 5 business days of the date of publication that a compliance report has been published on the website.		As reported in the 2024 annual compliance report (SENEX-ARCP-EN-REP-008), the department was notified of the publication date within 5 business days.
36(c)	provide the weblink for the compliance report in the notification to the department.		As reported in the 2024 annual compliance report (SENEX-ARCP-EN-REP-008), annual report provided to the department included a weblink for the compliance report.
36(d)	keep all published compliance reports required by these conditions on the website until the expiry date of this approval.		The initial annual compliance report has remained on the Approval Holder's website since it was first published in 2025.
36(e)	exclude or redact sensitive ecological data from compliance reports published on the website or otherwise provided to a member of the public.		This annual compliance report published contains redacted sensitive ecological data
36(f)	if sensitive ecological data is excluded or redacted from the published version, submit the full compliance report		sensitive ecological data has been redacted from this annual compliance report.version published

	to the department within 5 business days of its publication on the website and notify the department in writing what exclusions and redactions have been made in the version published on the website.		
Reporting non-compliance			
37	37. The approval holder must notify the department electronically, within 2 business days of becoming aware of any incident and/or potential non-compliance and/or actual non-compliance with the conditions or commitments made in a plan.	Not applicable	No incidents or non-compliances occurred during the reporting period.
38	The approval holder must specify in the notification:	Not applicable	No incidents or non-compliances occurred during the reporting period.
38(a)	any condition or commitment made in a plan which has been or may have been breached.		
38(b)	a short description of the incident and/or potential non-compliance and/or actual non-compliance.		
38(c)	the location (including co-ordinates), date and time of the incident and/or potential non-compliance and/or actual non-compliance. Note: If the exact information cannot be provided, the approval holder must provide the best information available.		
39	The approval holder must provide to the department in writing, within 12 business days of becoming aware of any incident and/or potential non-compliance and/or actual non-compliance, the details of that incident and/or potential non-compliance and/or actual non-compliance with the conditions or commitments made in a plan. The approval holder must specify:	Not applicable	No incidents or non-compliances occurred during the reporting period.
39(a)	any corrective action or investigation which the approval holder has already taken.		
39(b)	the potential impacts of the incident and/or non-compliance.		
39(c)	the method and timing of any corrective action that will be undertaken by the approval holder.		
Independent Audit			
40	The approval holder must ensure that an independent audit of compliance with the conditions is conducted for	Not applicable	The first independent audit is not required until 2029.

	every five-year period following the commencement of the Action until this approval expires (unless otherwise specified in writing by the Minister).		
41	For each independent audit, the approval holder must:	Not applicable	The first independent audit is not required until 2029.
41(a)	provide the name and qualifications of the nominated independent auditor, the draft audit criteria, and proposed timeframe for submitting the audit report to the department prior to commencing the independent audit.		
41(b)	only commence the independent audit once the nominated independent auditor, audit criteria and timeframe for submitting the audit report have been approved in writing by the department.		
41(c)	submit the audit report to the department for approval within the timeframe specified and approved in writing by the department.		
41(d)	publish each audit report on the website within 15 business days of the date of the department's approval of the audit report.		
41(e)	keep every audit report published on the website until this approval expires.		
42	Each audit report must report for the five-year period preceding that audit report.	No applicable	The first independent audit is not required until 2029.
43	Each audit report must be completed to the satisfaction of the Minister and be consistent with the <i>Environment Protection and Biodiversity Conservation Act 1999 Independent Audit and Audit Report Guidelines</i> , Commonwealth of Australia 2019.	No applicable	The first independent audit is not required until 2029.
Completion of the Action			
44	The approval holder must notify the department electronically 60 business days prior to the expiry date of this approval, that the approval is due to expire.	No applicable	The approval has effect until 30 June 2069.
45	Within 20 business days after the completion of the Action, and, in any event, at least 20 business days before this approval expires, the approval holder must notify the department electronically of the date of completion of the Action and provide completion data.	No applicable	The Action has not been completed.

	The approval holder must submit any spatial data that comprises completion data as a shapefile.		
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4 Appendix A Activity Location Overview



5 Appendix B Glider Pole Monitoring Results



Glider Pole Monitoring Technical Memorandum

ARCP Project Environmental Compliance

This document has been prepared and is certified by:

AUSECOLOGY PTY LTD

ABN 15 155 304 751

PO Box 594, Morningside, QLD 4170

w www.ausecology.com

e info@ausecology.com

Document status

Revision	Reason for issue	Author	Reviewed	Issued to	Date
A	Internal Review	K. Chapple, D. Ledlie	T.Shields	-	25/05/2026
0	Issued to Client	K. Chapple, D. Ledlie	T.Shields	APA	01/06/2026

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01/06/2026

Martin Dimaro
Environment Advisor

APA Group

Ausecology Pty Ltd
1/53 Southgate Avenue
Cannon Hill, QLD 4170
Phone: 0407 332 063
Email: info@ausecology.com

Dear Mr Dimaro,

RE: Glider Pole Camera Monitoring, ARCP Pipeline, May 2026.

Ausecology was engaged by APA Group to provide specialist Ecologist, Fauna Spotter Catcher (FSC), and Working at Heights services in support of the Atlas to Reedy Creek Pipeline (hereafter; ARCP) project environmental compliance requirements in accordance with approval conditions for 2023/09585 under the *Environment Protection and Biodiversity Conservation Act 1999*.

This report functions as a summation and brief analysis of the first iteration of Glider Pole monitoring actions undertaken by Ausecology at Glider pole sites near Wandoan, QLD, between the 28th and 29th of April 2026. The initial monitoring period commences a bi-annual glider monitoring schedule planned for the next four years, pursuant to the requirements of Condition 6 of EPBC Act approval reference; 2023/09585 (ARCP). Photographic imagery was captured on these Glider Pole arrays between the 19th of May 2025 and the 27th of April 2026. A total of 138 individual glider specimens, all of the genus *Petaurus*, were captured by eight operational Glider Pole monitoring arrays across the seven site locations. 15 avian species, five mammal species, and one reptile species were represented in data captured during the monitoring period.

For a person/s to undertake the duties associated with the ecological monitoring works undertaken, they must be suitably qualified and experienced for the task and have the appropriate permits/licences in place from the Department of the Environment, Tourism, Science and Innovation (DETSI).

Ausecology employees have extensive experience with a wide variety of fauna species, obtained during fauna surveys, fauna spotter catcher work and long-term fauna monitoring works. Ausecology staff are trained and are provided with all necessary safety and work equipment.

Ausecology conducted these ecological monitoring works under the following permits:

- Scientific User Registration SUR000483
- Research Permit WA0027791
- AEC approval CA 2025/01/1924
- Damage mitigation permit WA0053702
- Rehabilitation permit WA0046797

1 Results

1.1 Glider Pole Locations

Below are the locations and details of each of the glider poles located at the monitoring sites.

Site Number	Glider Pole Number	Latitude	Longitude	Pole Installation Date
1	1	██████	██████	22/10/2024
1	2	██████	██████	22/10/2024
2	3	██████	██████	22/10/2024
2	4	██████	██████	22/10/2024
3	5	██████	██████	24/10/2024
4	6	██████	██████	24/10/2024
5	7	██████	██████	24/10/2024
6	8	██████	██████	23/10/2024
6	9	██████	██████	23/10/2024
7	10	██████	██████	23/10/2024
7	11	██████	██████	23/10/2024

1.2 Glider Poles Monitoring Results

Table 1-1 below summarises fauna incidence at each glider monitoring location by species. It is important to note that where morphological aspects that distinguish *Petaurus breviceps* and *Petaurus norfolcensis* were not clear enough in imagery to definitively identify the glider specimen to the species level, these specimens were classified as *Petaurus sp.* (Glider sp.). No data was captured during the monitoring period at Glider Poles P1, P9, and P10 due to data errors, however data collect is still compliant with the minimum of seven poles required to be monitoring in accordance with 2023/09585 approval conditions.

During imagery data analysis, fauna specimens were differentiated and counted as an individual specimen if:

- a five-minute temporal spacing with no evidence of same species fauna was recorded; and/or
- an obvious change in specimen morphology was observed

Table 1-1 Fauna incidence summary, per glider pole and site

Species		Glider Pole Number (Site Location)								Total
Scientific Name	Common Name	P2 (1)	P3 (2)	P4 (2)	P5 (3)	P6 (4)	P7 (5)	P8 (6)	P11 (7)	
Avians										
<i>Acridotheres tristis</i>	common myna	3	-	-	-	-	2	16	-	21
<i>Chlamydera maculata</i>	spotted bowerbird	-	10	10	-	-	-	-	-	20
<i>Corvus orru</i>	Torresian crow	-	-	-	2	1	-	-	-	3
<i>Cracticus nigrogularis</i>	pied butcherbird	-	18	32	1	1	9	1	1	63
<i>Cracticus torquatus</i>	grey butcherbird	4	-	3	3	-	1	5	-	16
<i>Dacelo novaeguineae</i>	laughing kookaburra	-	-	-	1	-	-	1	-	2
<i>Eolophus roseicapilla</i>	galah	14	-	-	3	-	5	-	-	22
<i>Falco chenchroides</i>	nankeen kestrel	-	4	8	4	-	9	1	1	27
<i>Gymnorhina tibicen</i>	Australian magpie	-	-	-	-	-	1	-	-	1
<i>Manorina melanocephala</i>	noisy miner	1	1	-	1	-	-	-	-	3
<i>Myiagra rubecula</i>	leadен flycatcher	-	-	-	-	-	-	-	1	1
<i>Ninox sp.</i>	owl sp. ¹	-	-	1	-	-	-	-	-	1
<i>Platycercus adscitus</i>	pale headed rosella	31	4	-	-	-	1	-	3	39

¹ Owl species indeterminate from glider pole imagery, likely *Ninox sp.*

Species		Glider Pole Number (Site Location)								Total
Scientific Name	Common Name	P2 (1)	P3 (2)	P4 (2)	P5 (3)	P6 (4)	P7 (5)	P8 (6)	P11 (7)	
<i>Rhipidura leucophrys</i>	willie wagtail	-	1	5	-	-	-	3	6	15
<i>Strepera graculina</i>	pied currawong	-	-	-	1	-	2	-	-	3
Mammals										
<i>Bos sp.</i>	cow	-	1	9	1	-	-	2	-	13
-	microbat sp.	-	1	-	-	-	-	-	1	2
<i>Petaurus breviceps</i>	sugar glider	3	1	2	-	-	7	6	-	22
<i>Petaurus norfolcensis</i>	squirrel glider	-	-	1	-	-	-	1	-	3
<i>Petaurus sp.</i>	glider sp. ²	24	5	4	1	2	102	3	1	138
<i>Trichosurus vulpecula</i>	common brushtail possum	-	-	1	-	-	-	-	1	2
Reptiles										
<i>Gehyra sp.</i>	gecko sp. ³	-	-	-	-	-	-	-	7	7

1.3 Site Specific Glider Pole Monitoring

1.3.1 Glider Pole P2

Photographic imagery data was captured at Glider Pole P2 between the 19th of May 2025, and 27th of April 2026. A total of 3108 images were captured at this location during the monitoring period.

² Glider species indeterminate from glider pole imagery, definitively of the genus *Petaurus*

³ Gecko species indeterminate from glider pole imagery, likely *Gehyra sp.*

Table 1-2 Glider Pole P2 fauna species specimen count, relative to mean diurnal or nocturnal activity incidence

Species		Specimen Count	Mean Fauna Incidence Time
Scientific Name	Common Name		
Avians			
<i>Acridotheres tristis</i>	common myna	3	Diurnal
<i>Cracticus torquatus</i>	grey butcherbird	4	Diurnal
<i>Eolophus roseicapilla</i>	galah	14	Diurnal
<i>Manorina melanocephala</i>	noisy miner	1	Diurnal
<i>Platycercus adscitus</i>	pale headed rosella	31	Diurnal
Mammals			
<i>Petaurus breviceps</i>	sugar glider	3	Nocturnal
<i>Petaurus norfolcensis</i>	squirrel glider	1	Nocturnal
<i>Petaurus sp.</i>	glider sp.	24	Nocturnal



Figure 1 *Eolophus roseicapilla* specimen.



Figure 2 *Petaurus norfolcensis* specimen on metal glider pole collar.

1.3.2 Glider Pole P3

Photographic imagery data was captured at Glider Pole P3 between the 31st of May 2025, and 27th of April 2026. A total of 2505 images were captured at this location during the monitoring period.

Table 1-3 Glider Pole P3 fauna species specimen count, relative to mean diurnal or nocturnal activity incidence

Species		Specimen Count	Mean Fauna Incidence Time
Scientific Name	Common Name		
Avians			
<i>Chlamydera maculata</i>	spotted bowerbird	10	Diurnal
<i>Cracticus nigrogularis</i>	pied butcherbird	18	Diurnal
<i>Falco chenchroides</i>	nankeen kestrel	4	Diurnal
<i>Manorina melanocephala</i>	noisy miner	1	Diurnal
<i>Platycercus adscitus</i>	pale headed rosella	4	Diurnal
<i>Rhipidura leucophrys</i>	willie wagtail	1	Diurnal
Mammals			
<i>Bos sp.</i>	cow	1	Diurnal
<i>Microbat sp.</i>	microbat sp.	1	Nocturnal
<i>Petaurus breviceps</i>	sugar glider	1	Nocturnal
<i>Petaurus sp.</i>	glider sp.	5	Nocturnal



Figure 3 *Platycercus adscitus* biting electrical connection wiring.



Figure 4 *Microbat sp.* photographed on glider pole metal collar.

1.3.3 Glider Pole P4

Photographic imagery data was captured at Glider Pole P4 between the 7th of June 2025, and 27th of April 2026. A total of 870 images were captured at this location during the monitoring period.

Table 1-4 Glider Pole P4 fauna species specimen count, relative to mean diurnal or nocturnal activity incidence

Species		Specimen Count	Mean Fauna Incidence Activity Time
Scientific Name	Common Name		
Avians			
<i>Chlamydera maculata</i>	spotted bowerbird	10	Diurnal
<i>Cracticus nigrogularis</i>	pied butcherbird	32	Diurnal
<i>Cracticus torquatus</i>	grey butcherbird	3	Diurnal
<i>Falco chenchroides</i>	nankeen kestrel	8	Diurnal
<i>Ninox sp.</i>	owl sp.	1	Nocturnal
<i>Rhipidura leucophrys</i>	willie wagtail	5	Diurnal
Mammals			
<i>Bos sp.</i>	cow	9	Diurnal
<i>Petaurus breviceps</i>	sugar glider	2	Nocturnal
<i>Petaurus norfolcensis</i>	squirrel glider	1	Nocturnal
<i>Petaurus sp.</i>	glider sp.	4	Nocturnal
<i>Trichosurus vulpecula</i>	common brushtail possum	1	Nocturnal



Figure 5 *Cracticus nigrogularis* consuming cricket.



Figure 6 *Chlamydera maculata* on glider pole metal collar.

1.3.4 Glider Pole P5

Photographic imagery data was captured at Glider Pole P5 between the 7th of June 2025, and 27th of April 2026. Note; Glider Pole P5 had a significantly lower volume of imagery data captured relative to other Glider Pole monitoring points, with a net total of 343 images captured.

Table 1-5 Glider Pole P5 fauna species specimen count, relative to mean diurnal or nocturnal activity incidence

Species		Specimen Count	Mean Fauna Incidence Activity Time
Scientific Name	Common Name		
Avians			
<i>Corvus orru</i>	torresian crow	2	Diurnal
<i>Cracticus nigrogularis</i>	pied butcherbird	1	Diurnal
<i>Cracticus torquatus</i>	grey butcherbird	3	Diurnal
<i>Dacelo novaeguineae</i>	laughing kookaburra	1	Diurnal
<i>Eolophus roseicapilla</i>	galah	3	Diurnal
<i>Falco chenchroides</i>	nankeen kestrel	4	Diurnal
<i>Manorina melanocephala</i>	noisy miner	1	Diurnal
<i>Strepera graculina</i>	pied currawong	1	Diurnal
Mammals			
<i>Bos sp.</i>	cow	1	Diurnal
<i>Petaurus sp.</i>	glider sp.	1	Nocturnal



Figure 7 *Falco chenchroides* specimen.



Figure 8 *Cracticus torquatus* specimen.

1.3.5 Glider Pole P6

Photographic imagery data was captured at Glider Pole P5 between the 15th of June 2025, and 8th of July 2026. Note; Glider Pole P6 experienced a camera positioning failure from the 8th of July 2025 onwards, resulting in a high rate of false positive photographic captures. A total of 121 reliable images were captured at this location during the monitoring period. The catalyst for this positioning failure is unknown but is likely due to inclement weather and/or fauna interaction with the camera mount.

Table 1-6 Glider Pole P6 fauna species specimen count, relative to mean diurnal or nocturnal activity incidence

Species		Specimen Count	Mean Fauna Incidence Activity Time
Scientific Name	Common Name		
Avians			
<i>Corvus orru</i>	torresian crow	1	Diurnal
<i>Cracticus nigrogularis</i>	pied butcherbird	1	Diurnal
Mammals			
<i>Petaurus sp.</i>	glider sp.	2	Nocturnal



Figure 9 *Petaurus sp.* specimen.



Figure 10 Representative photo of photographic captures after July 8, 2025 camera positioning failure.

1.3.6 Glider Pole P7

Photographic imagery data was captured at Glider Pole P7 between the 15th of June 2025, and 27th of April 2026. A total of 3150 images were captured at this location during the monitoring period. This Glider Pole had the largest *Petaurus sp.* incidence rate of any of the monitoring locations, with a total of 109 gliders recorded.

Table 1-7 Glider Pole P7 fauna species specimen count, relative to mean diurnal or nocturnal activity incidence

Species		Specimen Count	Mean Fauna Incidence Activity Time
Scientific Name	Common Name		
Avians			
<i>Acridotheres tristis</i>	common myna	2	Diurnal
<i>Cracticus nigrogularis</i>	pied butcherbird	9	Diurnal
<i>Cracticus torquatus</i>	grey butcherbird	1	Diurnal
<i>Eolophus roseicapilla</i>	galah	5	Diurnal
<i>Falco chenchroides</i>	nankeen kestrel	9	Diurnal
<i>Gymnorhina tibicen</i>	Australian magpie	1	Diurnal
<i>Platycercus adscitus</i>	pale headed rosella	1	Diurnal
<i>Strepera graculina</i>	pied currawong	2	Diurnal
Mammals			
<i>Petaurus breviceps</i>	sugar glider	7	Nocturnal
<i>Petaurus sp.</i>	glider sp.	102	Nocturnal



Figure 11 *Petaurus breviceps* clearly depicting white fur on the end of the tail.



Figure 12 *Petaurus sp.* tail, analogous of many photographic captures at this Glider Pole.

1.3.7 Glider Pole P8

Photographic imagery data was captured at Glider Pole P8 between the 17th of June 2025, and 27th of April 2026. A total of 2775 images were captured at this location during the monitoring period.

Table 1-8 Glider Pole P8 fauna species specimen count, relative to mean diurnal or nocturnal activity incidence

Species		Specimen Count	Mean Fauna Incidence Time
Scientific Name	Common Name		
Avians			
<i>Acridotheres tristis</i>	common myna	16	Diurnal
<i>Cracticus nigrogularis</i>	pied butcherbird	1	Diurnal
<i>Cracticus torquatus</i>	grey butcherbird	5	Diurnal
<i>Dacelo novaeguineae</i>	laughing kookaburra	1	Diurnal
<i>Falco chenchroides</i>	nankeen kestrel	1	Diurnal
<i>Rhipidura leucophrys</i>	willie wagtail	3	Diurnal
Mammals			
<i>Bos sp.</i>	cow	2	Diurnal
<i>Petaurus breviceps</i>	sugar glider	6	Nocturnal
<i>Petaurus norfolcensis</i>	squirrel glider	1	Nocturnal
<i>Petaurus sp.</i>	glider sp.	3	Nocturnal



Figure 13 *Rhipidura leucophrys* specimen.



Figure 14 *Petaurus breviceps* specimen.

1.3.8 Glider Pole P11

Photographic imagery data was captured at Glider Pole P8 between the 3rd of June 2025, and 27th of April 2026. A significantly lower total of 336 images relative to other Glider Pole monitoring sites were captured at this location during the monitoring period.

Table 1-9 Glider Pole P11 fauna species specimen count, relative to mean diurnal or nocturnal activity incidence

Species		Specimen Count	Mean Fauna Incidence Time
Scientific Name	Common Name		
Avians			
<i>Cracticus nigrogularis</i>	pied butcherbird	1	Diurnal
<i>Falco chenchroides</i>	nankeen kestrel	1	Diurnal
<i>Myiagra rubecula</i>	leaden flycatcher	1	Diurnal
<i>Platycercus adscitus</i>	pale headed rosella	3	Diurnal
<i>Rhipidura leucophrys</i>	willie wagtail	6	Diurnal
Mammals			
<i>Microbat sp.</i>	microbat sp.	1	Nocturnal
<i>Petaurus sp.</i>	glider sp.	1	Nocturnal
<i>Trichosurus vulpecula</i>	common brushtail possum	1	Nocturnal
Reptiles			
<i>Gehyra sp.</i>	gecko sp.	7	Nocturnal



Figure 15 *Trichosurus vulpecula* specimen.



Figure 16 *Gehyra sp.* specimen.

2 Conclusion

A total of 138 glider specimens were recorded during the monitoring period. All of these animals were either sugar gliders (*Petaurus breviceps*) or squirrel gliders (*Petaurus norfolcensis*), with no greater gliders (*Petauroides volans*) recorded. It is unclear whether this indicates an absence of greater gliders in the area or a potential higher resistance to more artificial habitat structures. Some poles, such as P7, appear to have a disproportionately high rate of glider use, which may indicate a higher quality of habitat in the surrounding area.

Of the eleven poles, three had data errors which prevented data recording. These errors have since been rectified for the next round of monitoring, and for this round, the remaining eight poles are surplus to the minimum requirement (seven poles) of the EPBC Act approval. Every pole recorded at least one glider specimen, and while the exact species could not be determined in all cases, it seems likely that all of the poles are being used by both species of glider.

6 Appendix C Offset area monitoring report



**[REDACTED] Biodiversity Offset
– Annual Report 2025**

Prepared for:
Senex

Report issued:
August 2025

This document has been prepared and is certified by:

AUSECOLOGY PTY LTD

ABN 15 155 304 751

PO Box 594, Morningside, QLD 4170

w www.ausecology.com

e info@ausecology.com

Document status

Revision	Reason for issue	Author	Reviewed	Issued to	Date
A	Internal Review	J. Prior / L. Beil	T. Shields/ A. Dawson	-	19/08/2025
B	Internal Review	J. Prior / L. Beil	R. Regeer	-	20/08/2025
0	Issue to client	J. Prior / L. Beil	R. Regeer	Senex	22/08/2025

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Glossary of Terms

Acronym	Description
BS Act	<i>Biosecurity Act 2014 (Qld)</i>
CT	Camera Trap
DCCEEW	Department of Climate Change, Energy, the Environment and Water
DETSI	Department of Environment Tourism Science and Innovation(Qld)
EPBC Act	<i>Environment Protection and Biodiversity Conservation Act 1999 (Commonwealth)</i>
FY	Financial Year / Reporting Period
GBO	General Biosecurity Obligation
HQS	Habitat Quality Scoring
km	Kilometres
m	Metres
MNES	Matter of National Environmental Significance
NC Act	<i>Nature Conservation Act 1992 (Qld)</i>
OAMP	Offset Area Management Plan
OP	Operational Plan
RE	Regional Ecosystem
sp.	Species (singular)
spp.	Species (plural)
WoNS	Weeds of National Significance

1 Introduction

1.1 Background

The Atlas to Reedy Creek Pipeline (the Project) consists of a buried high pressure natural gas pipeline and associated infrastructure, approximately 57 km in length from the Surat Basin gas tenements southwest of Wandoan to the Reedy Creek to Wallumbilla Pipeline north of Yuleba (as described in EPBC Act referral 2023/09585). The Project is located approximately 20 km southwest of Wandoan and 28 km north of Yuleba, within the Maranoa Regional Council and Western Downs Regional Council local government areas.

The Project was referred under the *Environment Protection and Biodiversity Conservation Act 1999 (Cth)* (EPBC Act) (EPBC 2023/09585), with a decision made on 15 August 2023 that the Project is a controlled action requiring assessment and approval under the EPBC Act. The relevant controlling provision, or Matters of National Environmental Significance (MNES), is listed threatened species and vegetation communities (sections 18 and 18A, EPBC Act). The Department of Climate Change, Energy, the Environment and Water (DCCEEW) has assessed that biodiversity offsets are required for the following listed threatened species:

- koala (*Phascolarctos cinereus*);
- greater glider (southern and central) (*Petauroides volans*); and
- south-eastern glossy black cockatoo (*Calyptorhynchus lathami lathami*).

The Project will acquit more than 100% of its MNES offset requirements through direct land-based offsets on the [REDACTED] property, being [REDACTED] Property). [REDACTED] has been secured as a suitable property to offset the residual impacts to MNES species habitat for koala, greater glider and south-eastern glossy black cockatoo, in accordance with the EPBC Act and utilising the Offsets Assessment Guide published by DCCEEW.

A wholly owned subsidiary of Senex, and a related entity of ARCP/L, purchased the Property for the sole purpose of biodiversity offsets.

Importantly, Senex's purchase of the Property for an offset prevented the chemical treatment (pelleting) to permanently kill 500 hectares (ha) of vegetation across the Property, currently a common practice for areas of Category X (Cat X) vegetation occurring on country in the Brigalow Belt.

The Commonwealth approved *Offset Area Management Plan: [REDACTED] Property* (Revision 3, dated 18 April 2024) (the "OAMP") sets out the management objectives, actions and monitoring schedule (Ausecology, 2024). Implementation of the OAMP commenced on the 1st of July 2024.

2 Scope

This report details progress against the management objectives outlined in the OAMP, as well as additional considerations in the Operational Plan (OP) and EPBC Conditions (Table 2-1). The reporting period covers the financial year July 2024 to June 2025 (FY 24/25), as well as additional activities undertaken up to the submission of this report. In accordance with OAMP requirements, this report provides annual compliance updates on the following activities:

- Operational reporting
- Biosecurity management
- Livestock management
- Fencing

- Access tracks
- Fire management
- Vegetation condition assessments
- Nestbox monitoring

Supplementary reports provide detailed updates on fire management, baseline vegetation condition and habitat quality, nestbox monitoring, pest fauna management and baseline monitoring (Appendices A to F).

While not specifically required under the OAMP, this report also includes an update on the occurrence of target MNES within close proximity to the offset and the survey effort associated with their detection.

Table 2-1 Summary of Atlas to Reedy Creek Pipeline (EPBC 2023/09585) approval conditions (sourced from Approval Notice dated 7 June 2024) and supporting report sections.

Numbered Item	Condition	Completed
7	To compensate for the residual significant impacts of the Action on protected matters, the approval holder must commence implementing the Offset Area Management Plan (OAMP) prior to commencement of the Action and continue to implement the OAMP at least until the expiry of this approval.	OAMP commenced 1 July 2024, prior to Action commencement 7 July 2024
8	The approval holder must, within 5 business days of commencing implementation of the OAMP, notify the department of the date on which implementation of the OAMP commenced.	OAMP commenced 1 July 2024, prior to Action commencement 7 July 2024
9	To compensate for the residual significant impacts of the Action on protected matters, the approval holder must, within 3 months of commencement of the Action, irrevocably submit an application to secure the offset site to the state agency responsible for the provision of a voluntary declaration.	Department Notified 1 July 2024
10	Within 12 months of the commencement of the Action, the approval holder must ensure that the offset site has been legally secured. The approval holder must ensure that the offset site remains secured at least until the expiry date of this approval.	Application submitted 17 July 2024
11	The approval holder must notify and provide evidence to the department in writing within 5 business days of the offset site being secured.	Department notified and provided evidence 16 May 2025
12	The approval holder must ensure that all completion criteria are achieved across the offset site within 20 years of the commencement of the Action and are thereafter maintained or exceeded at least until the expiry of this approval.	Ongoing

3 Presence of Target MNES

All target MNES were observed within the Property during the July 2024 - June 2025 reporting period. The following section describes the spotlighting effort undertaken, which resulted in the observation of koala and greater glider.

Five rounds of spotlighting were undertaken by suitably qualified ecologists during the reporting period. Areas containing suitable greater glider and koala habitat (*Eucalyptus* woodlands) were prioritised, as these areas are likely to provide suitable habitat and connectivity between the offset area and the adjoining Jarrah State Forest.

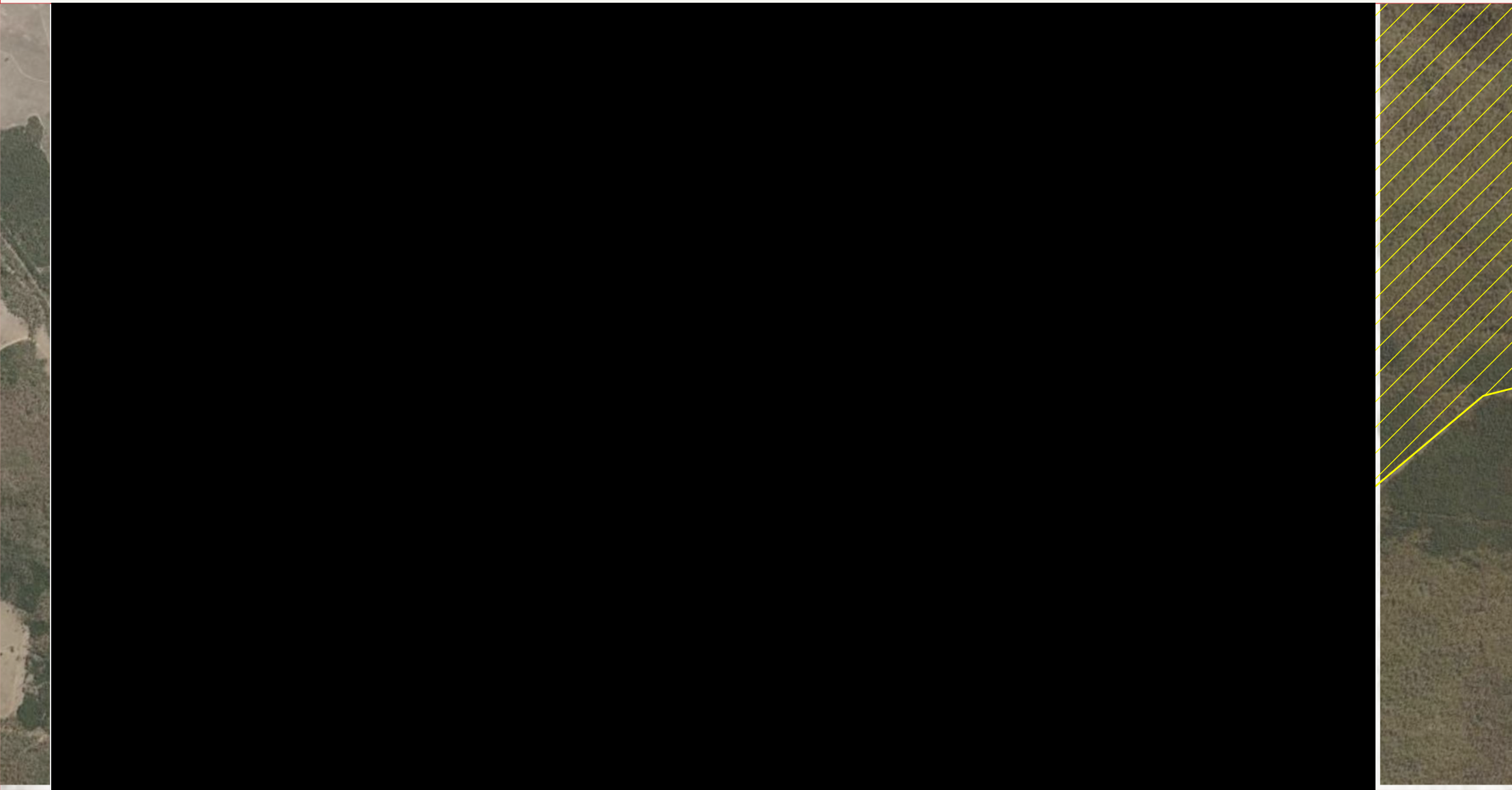
Table 3-1 provides a summary of spotlighting effort and results. A total of 19.5 person-hours was completed across the reporting period. Noting that driving was restricted to established tracks to minimise biosecurity risks.

Mapping of protected species occurrence and their state and federal listing status, and spotlighting tracks are presented Figure 3-1.

Ten glossy black cockatoos were observed within the Property during the reporting period. Details regarding the incidental observations of glossy black cockatoos are provided in the Nestbox report. A list of all fauna observations recorded across the Property during the FY24/25 is provided in Appendix A.

Table 3-1 Summary of spotlighting effort and results from the FY24/25

Spotlighting Survey during FY24/25	Duration (total person minutes)	Species Records	Reference
SP01 October 2024	Total: 2 person hours 1 hour with 2 ecologists	2 x greater gliders (<i>Petauroides volans</i>) 1 x koala (<i>Phascolarctos cinereus</i>)	Map of Protected species records, including target MNES, and spotlighting tracks: Figure 3-1
SP01 May 2025	Total: 4 person hours 2 hours with 2 ecologists	1x golden tailed gecko (<i>Strophurus taenicauda</i>)	
SP02 May 2025	Total: 7 person hours 3.5 hours with 2 ecologists	Nil recorded	
SP01 June 2025	Total: 4 person hours 2 hours with 2 ecologists	Nil recorded	
SP01 July 2025	Total: 4.16 person hours 2.083 hours with 2 ecologists	1x golden tailed gecko (<i>Strophurus taenicauda</i>)	



Offset Area

Species Name (NCA/EPBC Listing)



Property Boundary



Greater Glider (E/E) - 2024



Forestry Lease Area



Koala (E/E) - 2024



Glossy Black-Cockatoo (eastern) (V/V) - 2025



Golden-Tailed Gecko (NT/-) - 2025

Spotlighting Tracks

SP01 October 2024

SP01 May 2025

SP02 May 2025

SP01 June 2025

SP01 July 2025

Figure 3-1
Spotlight Locations and Species Records

 Offset

4 Operational Reporting

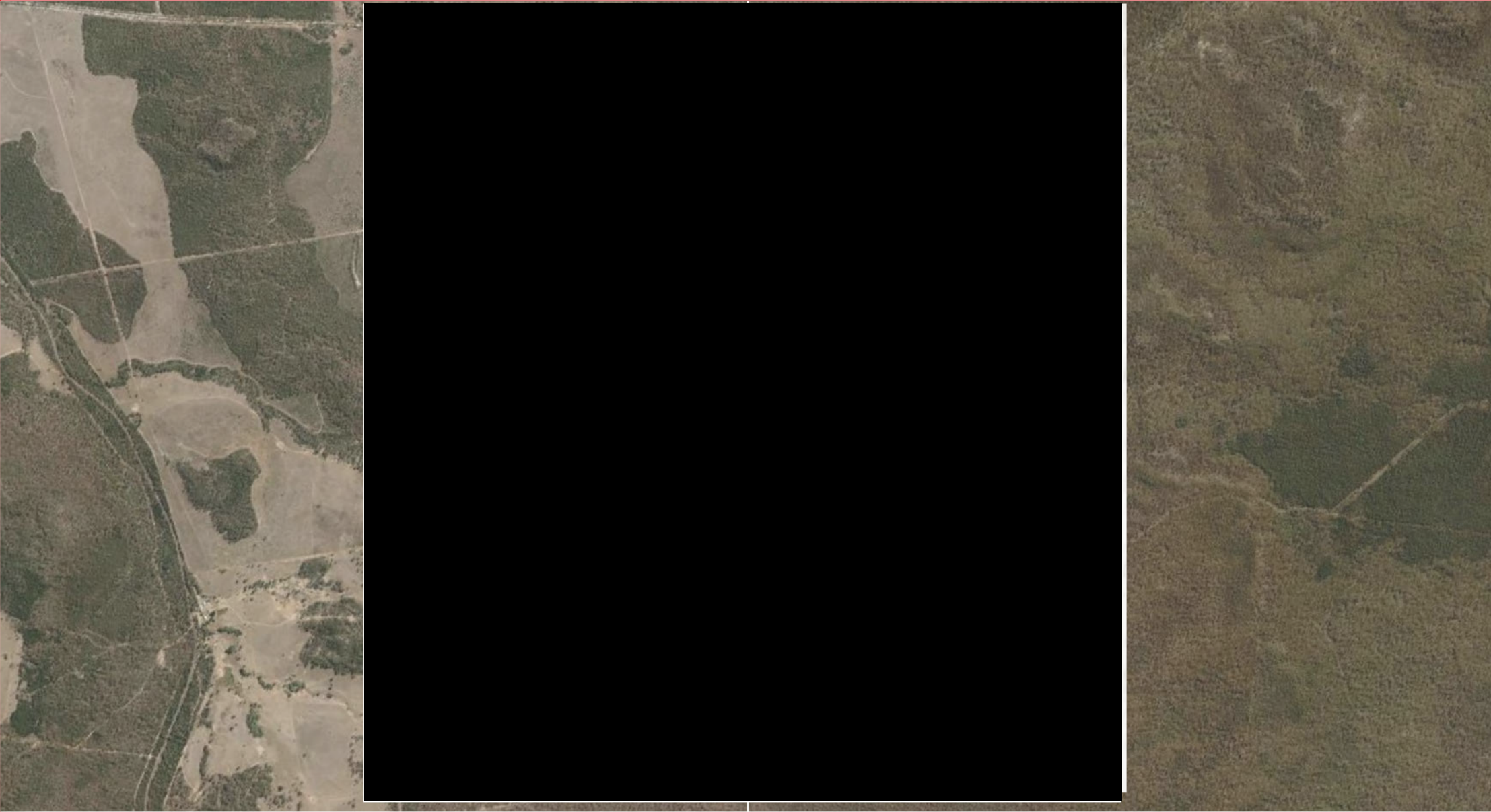
Operational management activities were implemented in line with OAMP requirements during the FY 24/25. Table 4-1 summarises the security measures and infrastructure audits completed, with reference to relevant sections and figures. Table 4-1

Table 4-1 Summary of requirements and actions undertaken during 24/25 FY relating to operational management

Management Action Required in OAMP	Timing Required in OAMP	Actions Undertaken 24/25 FY	Reference
Site inspection and/or maintenance items (e.g. fence audit, fire break networks, weed treatment etc)	Annually	<ul style="list-style-type: none"> ▪ Weed Treatment ▪ Biannual fencing and access track inspection ▪ Fire break network installation and inspection 	<ul style="list-style-type: none"> ▪ Section 5 ▪ Section 7 ▪ Section 9
Installation of signage and locks at all site entry points	Once off at OAMP commencement	<p>All gates secured, with locks installed at all entry point (September 2024)</p> <p>Signage has been intentionally omitted to minimize the risk of attracting unwanted attention and unauthorized access</p>	Figure 4-1 to Figure 4-2



Figure 4-1 Securing the Property, locking entry points September 2024 (left and right).



- | | | | |
|--|--|---|--|
|  Offset Area | Infrastructure |  House |  Approved Access Only |
|  Property Boundary |  Gate |  Water Supply Points | |

Figure 4-2
Operational Plan Implementation

 Offset

5 Biosecurity Management

5.1 Pest Flora

Note that no specific targeted management actions for pest flora have been specified in the OAMP given the low baseline density and limited direct threat to the specific matters being offset on [REDACTED]. Rather, the OAMP specifies only that the General Biosecurity Obligation under the *Biosecurity Act 2014* be fulfilled. Some additional actions were identified in the Operational Plan relating to weed hygiene that have also been captured in Table 5-1 below.

Table 5-1 Summary of pest flora requirements and actions undertaken during this report period

Management Action Required in OAMP/OP	Timing Required in OAMP	Actions Undertaken 24/25 FY	Reference
All reasonable and practical measures must be taken to prevent or minimise biosecurity risks in accordance with the General Biosecurity Obligation (GBO) under the <i>Biosecurity Act 2014</i> (Department of Primary Industries, 2025)	For the life of the offset	Targeted treatment applied to recorded Category 3 restricted weeds.	Figure 5-1
Weed hygiene inspections and/or washdowns are to be conducted for all equipment	For the life of the offset	All vehicles required to hold current weed hygiene certificates upon site entry	N/A
Vehicles and machinery are to utilise existing access tracks and/or fire management lines, actively avoiding driving 'off-track' where possible	For the life of the offset	Approved access track map established	Figure 4-2

5.1.1 Weed Treatment Works

A total of eight hectares of bushland weed control and 2.5 km of track-based weed control was undertaken during May 2025. Targeted treatment was applied to previously recorded Category 3 restricted weeds throughout the offset, as well as targeting a growing infestation of Mother-of-millions (*Bryophyllum spp.*) and *Opuntia spp.* (Figure 5-1). During targeted treatment a new Category 3 restricted weed; *Macfadyena unguis-cati* (syn. *Dolichandra unguis-cati*; cats claw creeper) was detected near the old house block in the centre of the offset area. Immediate treatment was undertaken, and the infestation was mapped for follow-up monitoring. No spread beyond the initial patch was recorded.

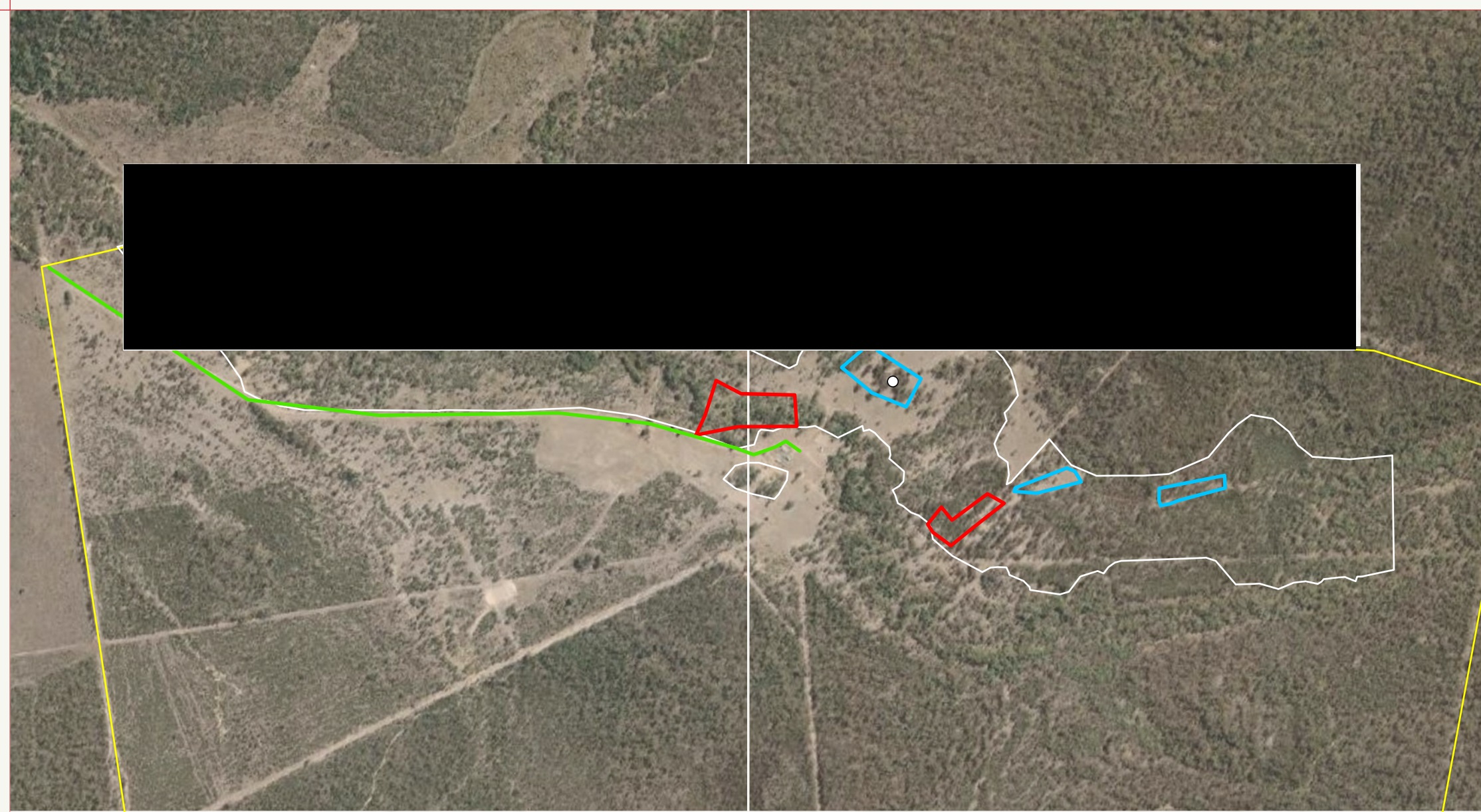
While no formal corrective action triggers are defined in the OAMP for biosecurity, the detection of cat's claw creeper highlights the importance of ongoing monitoring and treatment. Rapid management action minimised

the risk of establishment, demonstrating compliance with the General Biosecurity Obligation (GBO) under the *Biosecurity Act 2014*.

Continue bi-annual treatments and inspections will be conducted where required, along with a review of efficacy of treatment and documentation of opportunistic sightings.

5.1.2 Weed Hygiene

All vehicles and machinery entering the site were required to hold a current weed hygiene certificate. While accessing the Property all vehicles utilised existing access tracks and/or fire management lines, avoiding driving 'off-track' where possible.



Offset Area
Property Boundary

Weed Treated
○ Cats claw creeper (*Macfadyena unguis-cati*)

Non-native grass species
Mother-of-millions (*Bryophyllum* spp.)

Mother-of-millions (*Bryophyllum* spp.) and prickly pear (*Opuntia* spp.)

Figure 5-1
Weed Treatment Locations

Offset

5.2 Pest Fauna

Two camera trap (CT) monitoring events throughout late 2024 and early 2025 detected six pest fauna species accounting for 142 individual occurrence records, while incidental records presented 62 individuals. Three 'priority' pest fauna species were recorded - European hare (*Lepus europaeus*), feral cat (*Felis catus*) and feral pig (*Sus scrofa*). However, no direct evidence of pest species browsing on recruiting *Eucalyptus spp.* or *Allocasuarina spp.* was observed.

Table 5-2 below summarises the pest monitoring actions required from the OAMP and any other sources along with a summary of actions undertaken and supporting information.

Table 5-2 Summary of requirements and actions undertaken during 24/25 FY relating to pest fauna management

Management Action Required in OAMP	Timing Required in OAMP	Actions Undertaken 24/25 FY	Recommendation
Random Encounter Model (REM) and targeted camera traps	First year; Baseline survey (2 x a year; Jan – Mar and Sept – Nov)	Two rounds of CT monitoring using REM model completed in Sept – Nov 2024 and Jan – Mar 2025 Livestock detected within Property in July 2025 were immediately removed and fence line repaired	Undertake pest management on annual basis focusing on 'priority' pest species
Camera trapping database and Opportunistic observations	Updated Annually	CT database and opportunistic observations documented in Pest Monitoring Baseline Report attached (see reference)	

6 Livestock Management

All domestic livestock (cattle and horses) were removed from the property prior to OAMP commencement in July 2024.

Occurrences of livestock were monitored and managed under the pest fauna management and monitoring plans.

Table 6-1 below summarises the livestock monitoring actions required from the OAMP and any other sources along with a summary of actions undertaken and supporting information.

Table 6-1 Summary of requirements and actions undertaken during 24/25 FY relating to livestock management

Management Action Required in OAMP	Timing Required in OAMP	Actions Undertaken 24/25 FY
Removal of all livestock from Offset Area (cattle and horses)	First year	All domestic livestock (cattle and horses) were removed from the property prior to OAMP commencement in July 2024.
Any livestock presence to be reported upon	Updated Annually	Livestock detected within Property in July 2025 were immediately removed and fence line repaired

7 Fencing

Table 7-1 summarises the internal fence removals, external fence maintenance and audit activities undertaken, including dates and reference document links. Figure 7-1 illustrates the process of barbed wire fence removal.

Table 7-1 Summary of compliance with OAMP requirements for fencing and evidence of works completed

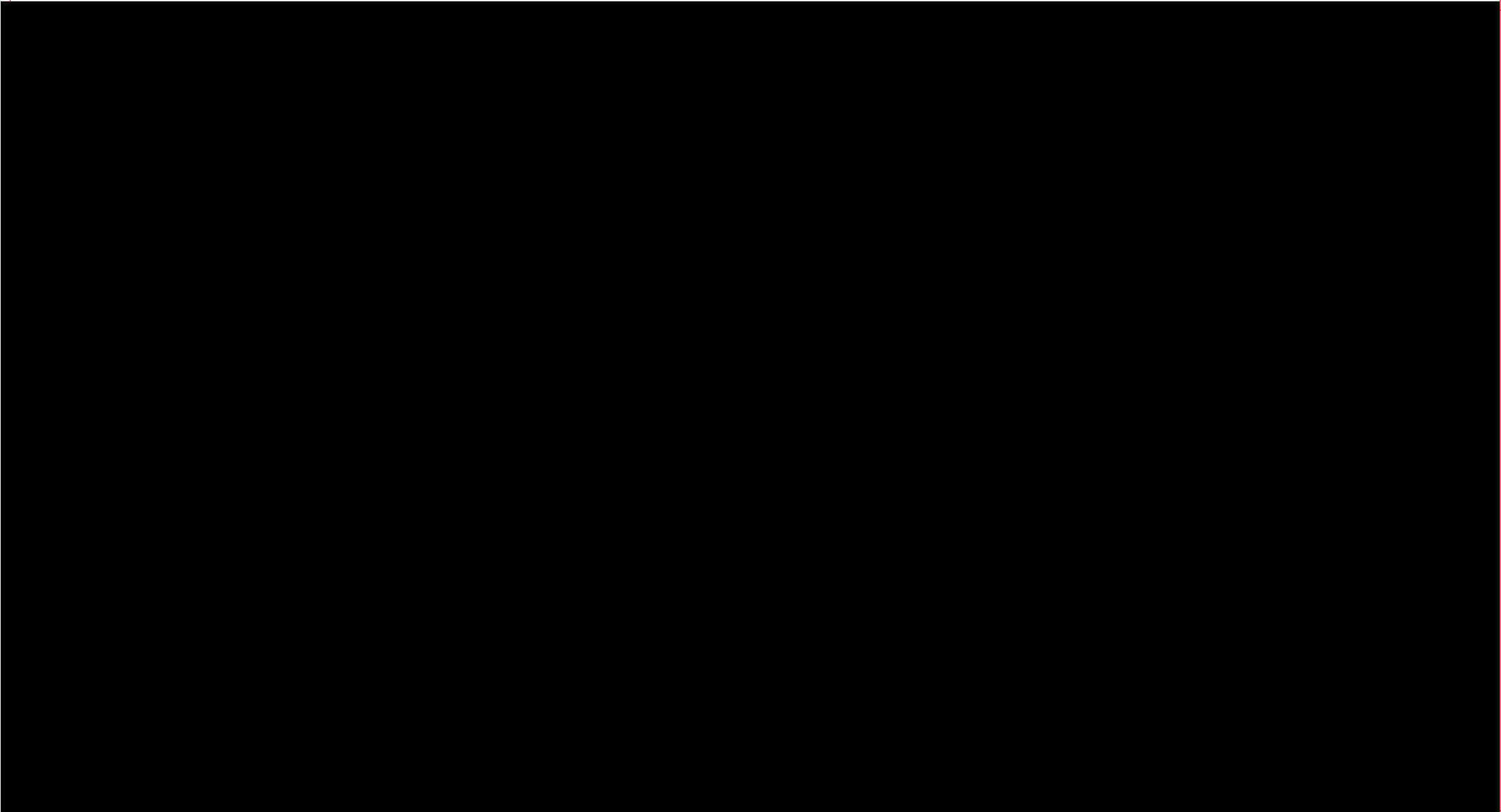
OAMP Requirement	Timing required in OAMP	Actions Undertaken 24/25 FY	Dates	Reference	Recommendations
Fencing will be maintained to ensure neighbouring livestock remain excluded from the offset	Ongoing	The Property is fenced off from adjacent properties Fencing breaches were repaired ¹	Initial fence repair: September 2024 Secondary fence repair: July 2025	Figure 8-3	Streamline fence audit mapping to ensure full property coverage, with maintenance needs identified and works scheduled promptly.
All internal fences, specifically barbed wire, will be removed from the Offset Area	First year	Internal barbed wire fences (total 14 km) removed	September 2024	Figure 7-2	
Biannual fencing inspections will be conducted with details reported in the annual report	2x year	Biannual inspections completed and no outstanding maintenance identified after repair of fencing	October 2024 April 2025 July 2025	Figure 8-4	

¹ Noting that due to the immediate repair of the July 2025 fencing breach, it is not displayed on the map.

OAMP Requirement	Timing required in OAMP	Actions Undertaken 24/25 FY	Dates	Reference	Recommendations
		breach in July 2025			



Figure 7-1 Internal removal conducted in September 2024 (left: removal from offset area, right: removal from Property)



- | | | | | | | | | | |
|--|-------------------|---|-----------------|---|------|---|------------------------------|---|---------------------------------|
|  | Offset Area |  | Repaired Breach |  | Shed |  | Existing - Lock and Maintain |  | Decommissioned |
|  | Property Boundary | | | | |  | Decommissioned |  | Existing - Maintain and Monitor |

8 Access Tracks

An internal and external access track plan has been developed alongside the fire management plan to ensure tracks are appropriate fire breaks (refer to Figure 4-2 and Figure 9-5 . As well as Section 9 below).

Grading works were completed in October 2024 (Figure 8-1 - Figure 8-3). Access tracks and fence lines were audited in March, April and July 2025, with any overgrown vegetation, erosion or other issues documented to schedule appropriate maintenance (Figure 8-4).

Table 8-1 summarises the access track maintenance and audit activities undertaken, including dates, reference document links and recommendations.

Table 8-1 Summary of compliance with OAMP requirements for access tracks and evidence of works completed

Management Action Required in OAMP	Timing Required in OAMP	Actions Undertaken 24/25 FY	Reference	Recommendation
Development of internal and external access track plan	Installation first year, annual and opportunistic inspections and maintenance	Approved access track map established prior to OAMP commencement	Figure 4-2	Continue annual and opportunistic monitoring and reporting of any maintenance needs
Grading and maintenance of access tracks		Grading of all access tracks completed in October 2024	Figure 8-3	Slashing of overgrown track areas (where required) to be scheduled



Figure 8-1 Graded access track / fire break



Figure 8-2 Graded access track / fire break

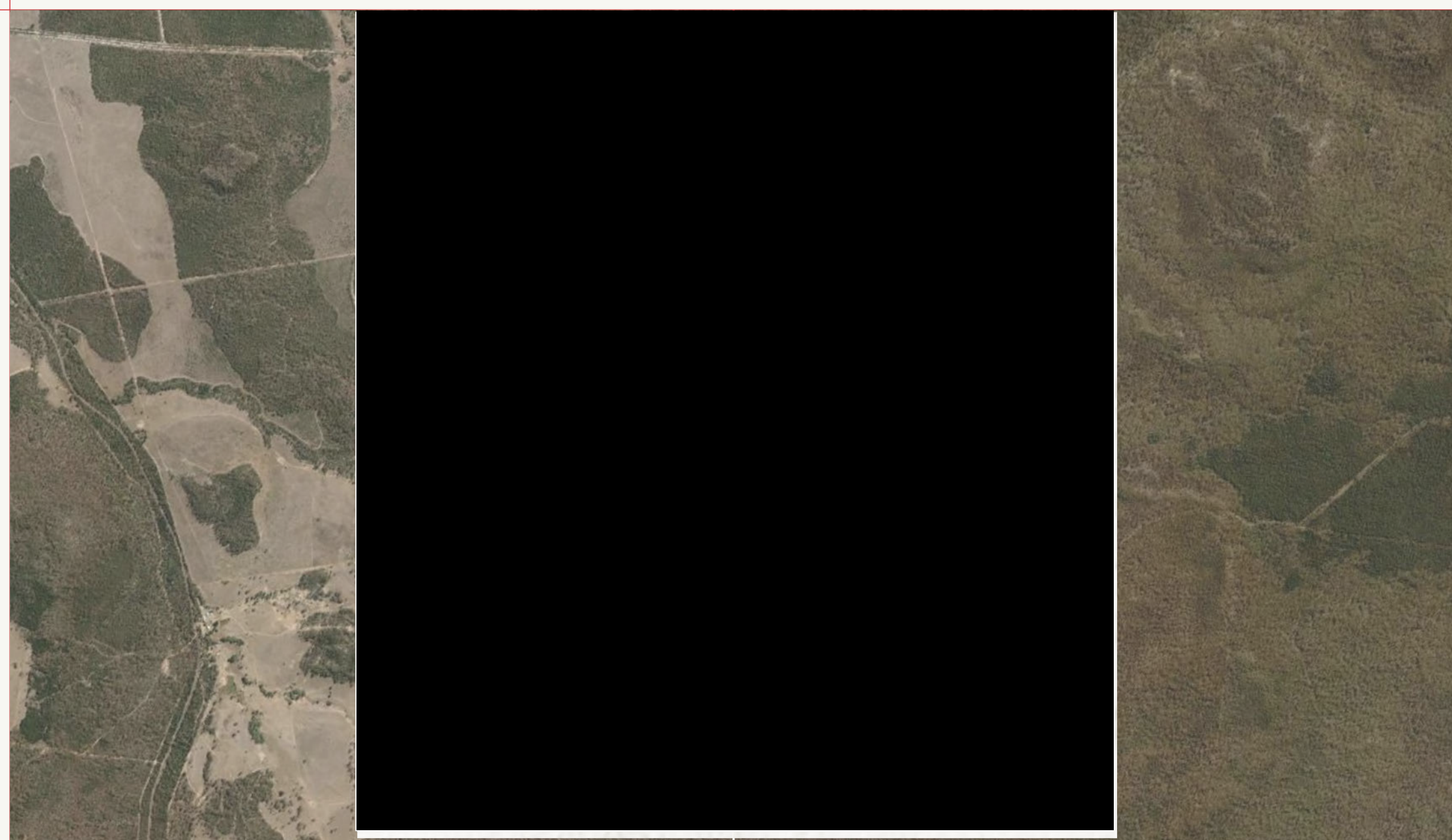
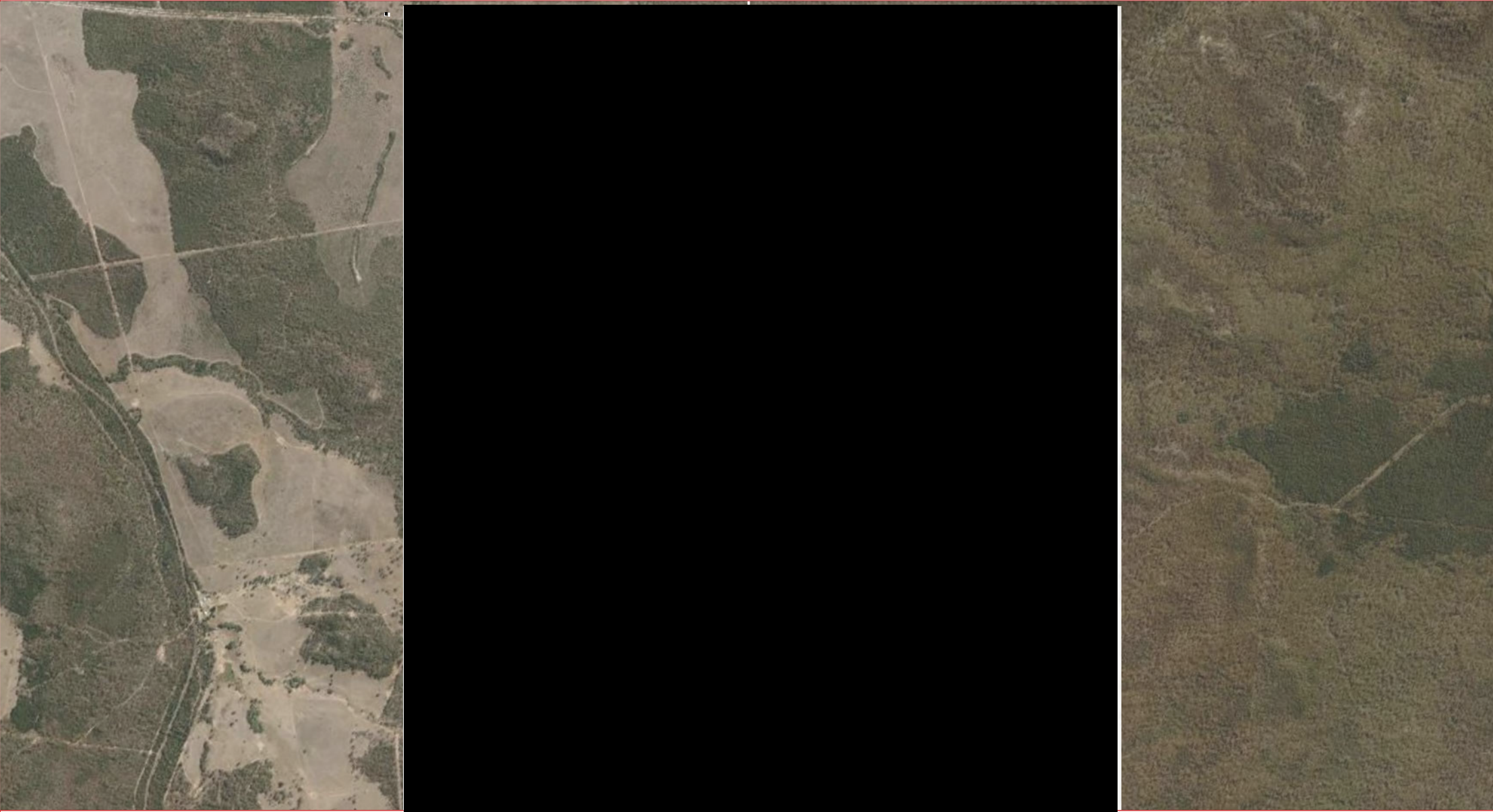


Figure 8-3
Graded Access Tracks/Firebreaks and Fencelines

Offset



- | | | | | |
|--------------------------|--------------------------------|-----------------------------------|--------------------------------|---|
| Offset Area | Access Track Monitoring | Firebreak Monitoring - March 2025 | Tree over track - January 2025 | Access Track Maintenance |
| Property Boundary | Erosion - January 2025 | Overgrown Vegetation - April 2025 | Tree over track - July 2025 | Removed fallen tree from track - March 2025 |
| Access Tracks/Firebreaks | Erosion - July 2025 | Overgrown Vegetation - July 2025 | Tree over track - March 2025 | Repaired Breach |

Figure 8-4
Maintenance and Monitoring of Access Tracks/Firebreaks
 Offset

9 Fire Management

Table 9-1 below summarises the fire management actions required from the OAMP and any other sources along with a summary of actions undertaken and supporting information. The subsections following Table 9-1 provide additional detail for each line item included.

Table 9-1 Summary of requirements and actions undertaken during 24/25 FY relating to fire management

Management Action Required in OAMP	Timing Required in OAMP	Actions Undertaken 24/25 FY	Reference
Undertake ecological burns, post-burn assessment and reporting	In line with RE guidelines (REDD, 2023)	Burn plans established for sections of Management Blocks 2,3 and 4/5. To be undertaken in 2025-2026.	Burn Plan
Fire fuel load assessments	2 x a year	Fuel load assessment completed in June 2025	Section 0
Installation of fire management lines	Installation first year	Fire breaks established and graded in October 2024	Figure 8-3
Fire management line inspection and maintenance	2 x a year monitoring, maintenance as required	Fire breaks were audited in October 2024 following grading and then in April and July 2025	Figure 8-4
A bushfire management plan will be developed for the Property and will include details on fire preparedness, fire break network and an ecological burn program	Not specified	Operational bushfire planning undertaken in the [REDACTED] Operational Plan dated April 2024	Refer to Operational Plan

9.1 Ecological Burns

No prescribed burns were undertaken directly in the offset during 2024/2025. Two operational burn plans have been established for implementation in 2025-2026. These burns encompass part of management blocks 2 and 3, as well as part of blocks 4 and 5 as specified in the [REDACTED] Operational Plan. This will include reducing the fuel load around the former house block. Fire Fuel Load Assessments

Fuel hazard assessments were undertaken in June 2025 in alignment with Hines et al. (2010) and long term sites established for future monitoring. Fuel load was generally low with a handful of sites scoring above 8 tonnes per

hectare of fuel. Those sites showed very little correlation or pattern spatially, and no trends of areas of particularly high fire risk were observed (Figure 9-5). In future monitoring rounds, this will help inform areas recommended and selected for prescribed burns.

Table 9-2 Fuel Hazard Assessments conducted in June 2025. All sites above 8 tonnes per hectare highlighted in orange

FLA Site Code	Coordinates	Total Fuel Load (t/ha)	Grass Curing (%)
FL 1		3.8	50
FL 2		3.1	50
FL 3		4.0	50
FL 4		5.7	30
FL 5		3.6	60
FL 6		8.5	50
FL 7		6.5	50
FL 8		7.3	50
FL 9		9.2	50
FL 10		3.6	40
FL 11		6.5	40
FL 12		9.7	30
FL 13		6.9	50
FL 14		8.2	50
FL 15		4.8	60



Figure 9-1 Fuel load at FL12



Figure 9-2 Fuel load at FL9

9.2 Installation and Maintenance of Fire Management Lines

Fire breaks highlighted in Figure 8-3, were graded in October 2024. Additionally, these fire-breaks were monitored in March, April and July 2025, and overgrown and ineffective areas were documented for maintenance (Figure 8-4). Ongoing monitoring twice per year will be integral to ensuring these all remain functional as fire breaks in the event of a wildfire or prescribed burn operations. As per the recommendations in Table 8-1, slashing of overgrown track areas (where required) is to be scheduled, with a date to be determined in September 2025.

*Figure 9-3 Graded access track / fire break**Figure 9-4 Graded access track / fire break*

9.3 Development of Bushfire Management Plan

While no standalone bushfire management plan has been developed, the key components of a bushfire management plan are contained within the [REDACTED] Operational Plan dated April 2024 and the Burn Plan. This includes the following:

- Establishment and mapping of operational fire management blocks
- Identification of vegetation types and recommended fire regimes in accordance with RE Guidelines
- Identification and mapping of key fire management infrastructure such as dams, tanks and other water points
- Mapping and recommendations for require fire management lines (that have now been implemented)

9.4 Additional Notes

There has been no evidence of uncontrolled fire within the Property as noted in the updated fire scar mapping (Figure 9-6). As shown in the fire scar mapping, neighbouring landholders including State Forestry burned various section of surrounding properties. Any evidence of uncontrolled fire within the Property is required to be opportunistically recorded during site visits, and no evidence was documented during the reporting period.



Offset Area
Burn Blocks
Property Boundary

Fuel Load Assessment

Water Supply Points

Dam

Water Bore

Watercourse

Jarrah Creek

Drainage Feature

Figure 9-5
Proposed Burn Blocks and Fuel Load Assessments
Offset



- | | | | |
|-------------------|------------------------|-----------------|-----------|
| Offset Area | Surrounding Properties | 2024 Fire Scars | August |
| Property Boundary | | July | September |

10 Vegetation Condition Assessment

Permanent BioCondition plots were established during this reporting period that will be monitored yearly for the life of the offset. These were monitored in accordance with the Queensland *BioCondition Assessment Manual* (Eyre et al., 2015). Habitat quality scoring was also undertaken during this reporting period to timestamp the establishment of permanent monitoring plots following adoption of the OAMP. Habitat quality scoring however, will only occur every 5 years for the remainder of the offset.

In summary, minor increases in habitat quality were recorded for all target MNES since pre-offset scoring. Overall rounded HQS for greater glider and koala remained at five, while glossy black cockatoo increased from five to six. Baseline monitoring indicates that vegetation condition and habitat quality for all target MNES have shown early positive trends since OAMP commencement.

Vegetation condition scores for each Regional Ecosystem (RE) identified within the offset are presented in Table 10-1. All sites represent assessment units contributing to the OAMP habitat quality calculations and many sites have been replicated exactly. Thus, it is possible to compare total BioCondition score. BioCondition datasheets and photo monitoring data is provided in within Appendix B. Note that future photo monitoring is to occur at the centre point of each long-term plot facing forward, 90 degrees right, back and 90 degrees left along the transect centreline.

Table 10-1 Brief summary of Vegetation Condition Assessments and key data in accordance with the OAMP

Site ID ²	RE	Condition	Vegetation Condition Score	Total Possible Vegetation Condition Score	Canopy Height (m)	Canopy Cover (%)	Tree Richness	Shrub Richness	Grass Richness	Forbs and other richness	Non-native cover (%)
BC11	11.5.4	Remnant	66	80	19.0	25.9	5	4	7	11	2
BC12	11.5.21	Remnant	64	80	19.2	12.2	6	8	6	9	3
BC13	11.5.20	Remnant	68.5	80	22.6	72.3	6	5	18	14	1
BC15	11.3.27b	Remnant	61	80	22.7	60.3	5	5	4	7	6
BC16	11.3.25	Remnant	64	80	26.2	80.2	7	10	13	17	9
BC31	11.5.20	Remnant	67.5	80	27.8	33.0	9	9	15	11	1
BC35	11.3.2	Regrowth	50	80	11.8	33.0	6	7	11	10	6
BC38	11.3.4	Regrowth	44	80	15.1	32.0	7	8	16	15	17
BC47	11.3.4	Remnant	58	80	24.5	54.4	8	11	16	14	14
BC48	11.5.20	Non-remnant	37.5	80	16.9	0	6	2	16	1	6
BC49	11.3.2	Remnant	58.5	80	15.1	46.9	9	5	15	12	2

² Note that 3 additional sites were established but not monitored due to timing constraints. This is highlighted further in Appendix D

11 Nest Box Program

In summary, 30 rear entry nest boxes for the greater glider and 30 Cockatubes were installed in October 2025 throughout the offset area.

Overall, no evidence of Cockatube usage by target species was recorded during the reporting period. Two nestboxes were occupied by squirrel gliders and one by a green tree frog during monitoring Round One. During Round Two, there was six unoccupied nestboxes which did however contain dreys across both monitoring rounds.

Table 11-1 below summarises the nestbox monitoring actions required from the OAMP with a summary of actions undertaken and supporting information. EPBC conditions and a summary of compliance is provided within the nestbox report.

Table 11-1 Summary of requirements and actions undertaken during 24/25 FY relating to nestbox monitoring

Management Action Required in OAMP	Timing Required in OAMP	Actions Undertaken 24/25 FY
Nestboxes to be implemented for use by greater gliders and glossy black cockatoos.	Not specified	A total of 60 artificial hollows (30 nestboxes and 30 Cockatubes) were installed between 14–18 October 2024
Nestboxes to be maintained in good condition.	2 x a year	Nestbox monitoring undertaken over April/May and June/July 2025

12 Supplementary Actions

Table 12-1 summarises supplementary actions taken during the reporting period which were not specifically prescribed by the OAMP but were necessary hazard reduction measures.

Table 12-1 Supplementary hazard reduction actions taken within ██████████ not prescribed by the OAMP

Supplementary Actions	Actions Undertaken 24/25 FY	Date
Waste removal	Removal of decommissioned internal fence material, existing fuel, and other waste materials	Works completed September 2024
Ignition source disconnection	All infrastructure and assets with ignition or flammability risk around the house block including fuel supplies, electricity connection etc have all been eliminated	Works completed October 2024
Monitoring of water sources	<ul style="list-style-type: none"> Mapping of water source points - Figure 4-2 Monitoring of structural integrity 	<ul style="list-style-type: none"> April 2025 Ongoing



Figure 12-1 Waste removal conducted in September 2024 (left: metal scrap waste, right: fuel waste – both removed off site and disposed off)

13 Conclusions and Recommendations

Table 13-1 Provides a summary of all OAMP objectives and compliance actions undertaken for the reporting period FY24/25.

Table 13-1 Summary of OAMP objectives, monitoring and reporting requirements, compliance with monitoring methods, occurrence of corrective action triggers, progress towards completion criteria, and recommendations for future management

OAMP Objective	Monitoring / Reporting Requirement ³	Recommendations
Operational Management Monitoring	Site inspection and/or maintenance items (e.g. fence audit, fire break networks, weed treatment etc) Installation of signage and locks at all site entry points	Complete site inspections as required by OAMP, with maintenance actions implemented as soon as practicable
Livestock Management	Removal of all livestock from Offset Area (cattle and horses) livestock presence or evidence of livestock presence to be reported upon in the annual report	Continue fence line inspections during access track monitoring and rectify any breaches as soon as possible
Weed Treatment	All reasonable and practical measures must be taken to prevent or minimise biosecurity risks in accordance with the General Biosecurity Obligation (GBO) under the <i>Biosecurity Act 2014</i> (Department of Primary Industries, 2025) Weed hygiene inspections and/or washdowns are to be conducted for all equipment Vehicles and machinery are to utilise existing access tracks and/or fire management lines, actively avoiding driving 'off-track' where possible	Continue bi-annual treatments and inspections where required, review efficacy of treatment and documentation of opportunistic sightings.
Pest Fauna Management and Monitoring	Pest fauna monitoring to be conducted and baseline abundance determined	Continue annual pest control as per the OAMP and Pest Management Plan

³ As stipulated in OAMP

OAMP Objective	Monitoring / Reporting Requirement ³	Recommendations
	Pest fauna populations within the offset area to be reduced	
Fencing Monitoring and Maintenance	<p>Fencing will be maintained to ensure neighbouring livestock remain excluded from the offset</p> <p>All internal fences, specifically barbed wire, will be removed from the Offset Area</p> <p>Biannual fencing inspections will be conducted with details reported in the annual report</p>	Monitor as per OAMP and undertake maintenance as needed.
Fire Management	<p>A bushfire management plan will be developed for the Property and will include details on fire preparedness, fire break network and an ecological burn program</p> <p>Ecological burns include post-burn assessment and reporting</p> <p>Annual operational monitoring to inspect the condition of firebreaks, fence lines and access tracks</p> <p>Fire fuel load assessments</p>	<p>Implement burn plan in FY 2025-26, and conduct post-burn assessments as per OAMP</p> <p>Perform track maintenance where erosion and overgrown vegetation occurs.</p>
Rapid Vegetation Condition Assessments	Monitoring general vegetation condition and structure; strata heights, strata cover, species richness; photo monitoring and weed cover.	Conduct BioCondition assessment in all permanent monitoring plots during future surveys specified by OAMP
Nestbox Monitoring	<p>Nestbox monitoring as per Section 5.6.3 will be conducted biannually for the first five years and annually thereafter.</p> <p>Maintenance will be conducted as per manufacturer's instructions</p>	Continue as per the OAMP and recommendations within supplementary nestbox report
Supplementary monitoring – Spotlighting for target MNES	NA	Consider incorporating periodic targeted spotlighting surveys into monitoring program to strengthen the evidence base for target MNES presence.

12 References

Ausecology, 2024. Offset Area Management Plan ██████████ Property (No. Revision 3). Unpublished report prepared for Senex.

Department of Primary Industries, 2025. Biosecurity Act 2023 (No. Republication No 1).

Eyre, T., Kelly, A., Neldner, V., Wilson, B., Ferguson, D., Laidlaw, M., Franks, A., 2015. BioCondition Assessment Manual - A Condition Assessment Framework for Terrestrial Biodiversity in Queensland, Version 2.2. Queensland Herbarium, Department of Science, Information Technology, Innovation and the Arts, Brisbane, Queensland.

Hines, F., Tolhurst, K., Wilson, A., McCarthy GJ, 2010. Overall Fuel Hazard Assessment Guide. 4th Edition. Fire Adapt. Manag. Rep. No 82.

Appendix A Fauna Records

All fauna records within [REDACTED] over the reporting period (FY24/25)

Common Name	Scientific Name
Apostlebird	<i>Struthidea cinerea</i>
Australasian darter	<i>Anhinga novaehollandiae</i>
Australasian Pipit	<i>Anthus novaeseelandiae</i>
Australian bustard	<i>Ardeotis australis</i>
Australian king-parrot	<i>Alisterus scapularis</i>
Australian magpie	<i>Gymnorhina tibicen</i>
Australian owlet-nightjar	<i>Aegotheles cristatus</i>
Australian pipit	<i>Anthus australis</i>
Australian wood duck	<i>Chenonetta jubata</i>
Bar-shouldered dove	<i>Geopelia humeralis</i>
Black-faced cuckooshrike	<i>Coracina novaehollandiae</i>
Blue-faced honeyeater	<i>Entomyzon cyanotis</i>
Broad-palmed rocket frog	<i>Litoria latopalmata</i>
Brown goshawk	<i>Accipiter fasciatus</i>
Brown hare	<i>Lepus capensis</i>
Brown honeyeater	<i>Lichmera indistincta</i>
Brush-tailed Possum	<i>Trichosurus vulpecula</i>
Burns's dragon	<i>Amphibolurus burnsi</i>
Burtons legless lizard	<i>Lialis burtonis</i>
Bynoe's gecko	<i>Heteronotia binoei</i>
Cane toad	<i>Rhinella marina</i>
Cat	<i>Felis catus</i>
Channel-billed cuckoo	<i>Scythrops novaehollandiae</i>
Collared Delma	<i>Delma torquata habitat</i>
Common bronzewing	<i>Phaps chalcoptera</i>
Common myna	<i>Acridotheres tristis</i>
Cow	<i>Bos taurus</i>
Crested pigeon	<i>Ocyphaps lophotes</i>
Desert tree frog	<i>Litoria rubella</i>
Dingo	<i>Canis lupus dingo</i>
Double-barred finch	<i>Stizoptera bichenovii</i>
Dubious dtella	<i>Gehyra dubia</i>
Eastern barn owl	<i>Tyto javanica</i>
Eastern grey kangaroo	<i>Macropus giganteus</i>
Eastern yellow robin	<i>Eopsaltria australis</i>
Emerald-spotted tree frog	<i>Litoria peronii</i>

Common Name	Scientific Name
European hare	<i>Lepus europaeus</i>
Feathertail glider	<i>Acrobates pygmaeus</i>
Fletcher's frog	<i>Limnodynastes fletcheri</i>
Forest kingfisher	<i>Todiramphus macleayii</i>
Fuscous honeyeater	<i>Lichenostomus fuscus</i>
Galah	<i>Eolophus roseicapillus</i>
Glossy black-cockatoo	<i>Calyptorhynchus lathami lathami</i>
Greater glider	<i>Petauroides volans</i>
Green tree frog	<i>Litoria caerulea</i>
Green-striped burrowing frog	<i>Cyclorana alboguttata</i>
Grey butcherbird	<i>Cracticus torquatus</i>
Grey fantail	<i>Rhipidura albiscapa</i>
Grey shrikethrush	<i>Colluricincla harmonica</i>
Grey-crowned babbler	<i>Pomatostomus temporalis</i>
Jacky-winter	<i>Microeca fascinans</i>
Koala	<i>Phascolarctos cinereus</i>
Lace monitor	<i>Varanus varius</i>
Laughing kookaburra	<i>Dacelo novaeguineae</i>
Leaden flycatcher	<i>Myiagra rubecula</i>
Little black cormorant	<i>Phalacrocorax sulcirostris</i>
Little friarbird	<i>Philemon citreogularis</i>
Little lorikeet	<i>Glossopsitta pusilla</i>
Magpie-lark	<i>Grallina cyanoleuca</i>
Mistletoebird	<i>Dicaeum hirundinaceum</i>
Noisy friarbird	<i>Philemon corniculatus</i>
Noisy miner	<i>Manorina melanocephala</i>
Olive-backed oriole	<i>Oriolus sagittatus</i>
Ornate burrowing frog	<i>Platyplectrum ornatum</i>
Pacific heron	<i>Ardea pacifica</i>
Painted buttonquail	<i>Turnix varius</i>
Pale-headed rosella	<i>Platycercus adscitus</i>
Peaceful dove	<i>Geopelia placida</i>
Pheasant coucal	<i>Centropus phasianinus</i>
Pied butcherbird	<i>Cracticus nigrogularis</i>
Pied currawong	<i>Strepera graculina</i>
Pig	<i>Sus scrofa</i>
Rainbow bee-eater	<i>Merops ornatus</i>
Rainbow lorikeet	<i>Trichoglossus haematodus</i>

Common Name	Scientific Name
Red-backed fairywren	<i>Malurus melanocephalus</i>
Red-bellied black snake	<i>Pseudechis porphyriacus</i>
Red-necked wallaby	<i>Macropus rufogriseus</i>
Red-winged parrot	<i>Aprosmictus erythropterus</i>
Restless flycatcher	<i>Myiagra inquieta</i>
Rufous songlark	<i>Cincloramphus mathewsi</i>
Rufous whistler	<i>Pachycephala rufiventris</i>
Sacred kingfisher	<i>Todiramphus sanctus</i>
Salmon-striped frog	<i>Limnodynastes salmini</i>
Scaly-breasted lorikeet	<i>Trichoglossus chlorolepidotus</i>
Southern boobook	<i>Ninox novaeseelandiae</i>
Squirrel glider	<i>Petaurus norfolcensis</i>
Striated pardalote	<i>Pardalotus striatus</i>
Striped honeyeater	<i>Plectorhyncha lanceolata</i>
Sugar glider	<i>Petaurus breviceps</i>
Sulphur-crested cockatoo	<i>Cacatua galerita</i>
Superb fairywren	<i>Malurus cyaneus</i>
Tawny frogmouth	<i>Podargus strigoides</i>
Torresian crow	<i>Corvus orru</i>
Tree-base litter-skink	<i>Lygisaurus foliorum</i>
Varied sittella	<i>Daphoenositta chrysoptera</i>
Wedge-tailed Eagle	<i>Aquila audax</i>
Weebill	<i>Smicrornis brevirostris</i>
White-bellied cuckooshrike	<i>Coracina papuensis</i>
White-browed woodswallow	<i>Artamus superciliosus</i>
White-eared honeyeater	<i>Nesoptilotis leucotis</i>
White-faced heron	<i>Egretta novaehollandiae</i>
White-necked heron	<i>Ardea pacifica</i>
White-throated gerygone	<i>Gerygone albogularis</i>
White-throated honeyeater	<i>Melithreptus albogularis</i>
White-throated needletail	<i>Hirundapus caudacutus</i>
White-throated nightjar	<i>Eurostopodus mystacalis</i>
White-winged triller	<i>Lalage tricolor</i>
Willie wagtail	<i>Rhipidura leucophrys</i>
Yellow-tailed black-cockatoo	<i>Calyptorhynchus funereus</i>

Appendix B BioCondition and Photo point monitoring

Site Details:

Site Code:	BC11	Date:	12-06-2025	Time:	14:36
Ecologist/s:	Tim Shields, Charlotte "Jamie" Prior				

	Start	End	Transect Length (m):
Latitude:			100
Longitude:			

Ground-truthed Regional Ecosystem:	11.5.4	Remnant
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Habitat Description:
Open Eucalypt woodland. Canopy sparse; E. chloroclada d. Subcanopy dense; Allocasuarina leuhmanii d, Acacia leiocalyx s, Shrub layer scattered; Acacia leiocalyx d, Alphitonia excelsa s. Ground layer dominated by native grasses; Aristida caput-medusae d. Bareground rare.

General Comments:
Confusing stratification in original plot. 20m A. Lumenhii in subcanopy.
2025 other tree layer present. Some A. Lumenhii in canopy.

BioCondition Scoring Summary:

Site Based Attributes	Site BC Score	Max BC Score per Attribute for RE
No. Large Trees	10.0	15.0
EDL Recruitment	5.0	5.0
Tree Height		
- Emergent	na	na
- Canopy	5.0	5.0
- Subcanopy	5.0	5.0
Average	5.0	5.0
Tree Cover		
- Emergent	na	na
- Canopy	5.0	5.0
- Subcanopy	5.0	5.0
Average	5.0	5.0
Shrub Cover	5.0	5.0
Native Perennial Grass Cover	1.0	5.0
Litter Cover	5.0	5.0
Non-Native Plant Cover	10.0	10.0
Species Richness		
- Trees	5.0	5.0
- Shrubs	5.0	5.0
- Grasses	2.5	5.0
- Forbs & Other	2.5	5.0
Coarse Woody Debris	5.0	5.0
Total	66	80

Site Photos:

Transect Start



Transect End



Centre Forward



Centre Right



Centre Back



Centre Left



Site Measurements:

	Height (m)	Cover (%)
Emergent:	0	0
Canopy:	19.0	25.9
Subcanopy:	11	37.2
Shrub:	na	5.9

EDL:	Canopy
% EDL Recruitment:	100

Large Trees:

	No. Large trees	DBH threshold (cm)
Eucalypt:	3	49
Non- Eucalypt:	5	28
Total No. Large Trees per site:	8	
Total No. Large Trees per ha:	16	

Species Richness:

	Native	Non-Native
Trees:	5	0
Shrubs:	4	1
Grasses:	7	1
Forbs & Other:	11	3
Total:	27	5

Non-Native Plant Cover (%):

2.0

Line Intercept:

Strata	Start (m)	End (m)	Total (m)	Strata	Start (m)	End (m)	Total (m)
C	0	1.8	1.8	OTH	55.9	58.3	2.4
OTH	0	6.4	6.4	SHR	58.9	59.3	0.4
SHR	6.0	6.2	0.2	SC	61.1	62.9	1.8
SHR	7.4	7.5	0.1	SC	63.2	65.3	2.1
OTH	7.3	9.1	1.8	SC	72.9	78.0	5.1
SC	10.0	11.9	1.9	OTH	74.2	74.7	0.5
C	11.3	15.3	4.0	C	79.8	83.0	3.2
SC	15.3	26.0	10.7	SC	81.0	83.4	2.4
C	17.6	20.8	3.2	SC	85.6	88.8	3.2
OTH	27.4	28.8	1.4	OTH	79.0	99.1	20.1
SC	30.3	31.1	0.8	SC	99.0	100.0	1.0
SHR	33.4	37.0	3.6				
SC	35.0	39.0	4.0				
SHR	37.7	38.3	0.6				
SC	42.2	45.0	2.8				
SHR	45.6	45.9	0.3				
SHR	46.2	46.9	0.7				
C	51.6	65.3	13.7				
OTH	52.2	53.8	1.6				
SC	54.9	56.3	1.4				

E – Emergent, E-E – Emergent Exotic, C – Canopy, C-E – Canopy Exotic, SC – Subcanopy, SC-E – Subcanopy Exotic, SHR – Shrub, SHR-E – Shrub Exotic

	Native	Non-Native
Total Emergent (%)	0	0
Total Canopy (%)	26	0
Total Subcanopy (%)	37	0
Total Shrub (%)	6	0

Coarse Woody Debris:

Total Length (m):	36.7	Total Length (m/ha):	367.0
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Length/s (m):														
1	0.50	6	3.90	11	5.10	16	2.90	21		26		31		36
2	1.40	7	3.50	12	2.50	17	1.60	22		27		32		37
3	1.40	8	2.30	13	2.50	18		23		28		33		38
4	0.50	9	1.50	14	0.70	19		24		29		34		39
5	3.00	10	2.40	15	1.00	20		25		30		35		40

Species Lists – Trees, Shrubs, Grasses, Forbs & Other and Non-Natives:

Species		Status	Lifeform and/or Strata
1	Corymbia clarksoniana		T C
2	Eucalyptus chloroclada		T, SHR C
3	Allocasuarina luehmannii		T, SHR SC, C
4	Acacia leiocalyx		T, SHR SC
5	Aristida caput-medusae		G
6	Eragrostis elongata		G
7	Lomandra longifolia		F
8	Lomandra leucocephala		F
9	Cymbopogon refractus		G
10	Glandularia aristigera	*	F, *
11	Perotis rara		G
12	Cheilanthes sieberi		F
13	Eragrostis curvula	*	G, *
14	Eragrostis curvula	*	G, *
15	Glycine tabacina		F
16	Brachychiton populneus		SHR
17	Setaria surgens		G
18	Opuntia tomentosa	Restricted - Category 3	SHR, *
19	Glycine sp.		F
20	Sida cordifolia	*	F, *
21	Other species Forb sp.		F
22	Oxalis sp.		F
23	Chrysocephalum apiculatum		F
24	Eragrostis brownii		G
25	Sphaeromorphaea australis		F
26	Portulaca pilosa	*	F, *
27	Dianella caerulea		F
28	Cyanthillium cinereum		F
29	Corymbia tessellaris		T C
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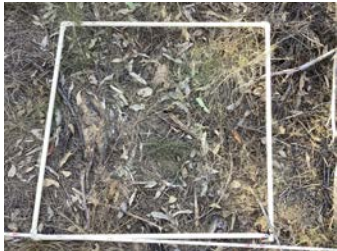
Status: NT – Near Threatened (*Nature Conservation Act 1992*), V – Vulnerable (NC Act), E – Endangered (NC Act), * – Exotic species.
Lifeform: T – Trees, S – Shrubs, G – Grasses, F – Forbs & Other
Tree Stratum: E – Emergent, C – Canopy, SC – Subcanopy, OTH – Other, NN-E – Non-native Emergent, NN-C – Non-native Canopy, NN-SC – Non-native Subcanopy, NN-OTH – Non-Native Other

Cont. Species List – Trees, Shrubs, Grasses, Forbs & Other and Non-Natives:

Species	Status	Lifeform and/or Strata
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Status: NT – Near Threatened (*Nature Conservation Act 1992*), V – Vulnerable (NC Act), E – Endangered (NC Act), * – Exotic species.
Lifeform: T – Trees, S – Shrubs, G – Grasses, F – Forbs & Other
Tree Stratum: E – Emergent, C – Canopy, SC – Subcanopy, OTH – Other, NN-E – Non-native Emergent, NN-C – Non-native Canopy, NN-SC – Non-native Subcanopy, NN-OTH – Non-Native Other

1m x 1m Quadrats:

Quadrat	Native				Non-native		Litter	Rock	Bare-ground	Crypto-grams	Total
	Perennial Grass	Other Grass	Forbs & Other	Shrubs	Grasses	Forbs, Other & Shrubs					
	0	0	0	10	0	0	90	0	0	0	100%
	15	0	0	20	0	0	60	0	5	0	100%
	30	0	0	0	0	1	69	0	0	0	100%
	10	0	2	0	0	0	88	0	0	0	100%
	15	0	5	0	0	4	76	0	0	0	100%
Mean:	14.00	0	1.40	6.00	0	1.00	76.60	0	1.00	0	

Site Details:

Site Code:	BC12	Date:	12-06-2025	Time:	16:07
Ecologist/s:	Tim Shields, Charlotte "Jamie" Prior				

	Start	End	Transect Length (m):
Latitude:			100
Longitude:			

Ground-truthed Regional Ecosystem:	11.5.21	Remnant
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Habitat Description:
Open Corymbia bloxemi woodland with some dense patches of Allocasuarina leuhmanii. Ground cover dominated by Aristida caput-medusae

General Comments:

BioCondition Scoring Summary:

Site Based Attributes	Site BC Score	Max BC Score per Attribute for RE
No. Large Trees	10.0	15.0
EDL Recruitment	5.0	5.0
Tree Height		
- Emergent	na	na
- Canopy	5.0	5.0
- Subcanopy	5.0	5.0
Average	5.0	5.0
Tree Cover		
- Emergent	na	na
- Canopy	2.0	5.0
- Subcanopy	5.0	5.0
Average	3.5	5.0
Shrub Cover	3.0	5.0
Native Perennial Grass Cover	5.0	5.0
Litter Cover	5.0	5.0
Non-Native Plant Cover	10.0	10.0
Species Richness		
- Trees	5.0	5.0
- Shrubs	2.5	5.0
- Grasses	2.5	5.0
- Forbs & Other	2.5	5.0
Coarse Woody Debris	5.0	5.0
Total	64	80

Site Photos:

Transect Start



Transect End



Centre Forward



Centre Right



Centre Back



Centre Left



Site Measurements:

	Height (m)	Cover (%)
Emergent:	0	0
Canopy:	19.2	12.2
Subcanopy:	8	28.8
Shrub:	na	7.0

EDL:	Canopy
% EDL Recruitment:	100

Large Trees:

	No. Large trees	DBH threshold (cm)
Eucalypt:	6	43
Non- Eucalypt:	5	28
Total No. Large Trees per site:	11	
Total No. Large Trees per ha:	22	

Species Richness:

	Native	Non-Native
Trees:	6	0
Shrubs:	8	1
Grasses:	6	3
Forbs & Other:	9	3
Total:	29	7

Non-Native Plant Cover (%):
3.0

Line Intercept:

Strata	Start (m)	End (m)	Total (m)	Strata	Start (m)	End (m)	Total (m)
SC	2.2	6.3	4.1	OTH	64.3	68.5	4.2
SHR	3.0	3.4	0.4	SC	70.6	71.6	1.0
SHR	7.1	7.5	0.4	SHR	77.8	78.0	0.2
SHR	9.6	9.9	0.3	SC	78.2	81.0	2.8
SHR	16.2	16.3	0.1	SHR	82.6	84.8	2.2
SC	18.0	19.5	1.5	OTH	88.7	90.3	1.6
C	14.0	15.8	1.8	C	95.0	99.4	4.4
SHR	22.6	23.4	0.8	SC	97.0	99.3	2.3
SC	26.9	30.5	3.6	OTH	99.3	99.9	0.6
C	28.5	34.5	6.0				
SHR	30.1	31.7	1.6				
SC	31.9	37.1	5.2				
OTH	35.4	36.6	1.2				
OTH	39.2	42.2	3.0				
SC	41.2	48.2	7.0				
SHR	42.4	42.7	0.3				
OTH	53.2	55.7	2.5				
SHR	55.7	56.4	0.7				
SC	59.3	60.6	1.3				
OTH	60.0	63.3	3.3				

E – Emergent, E-E – Emergent Exotic, C – Canopy, C-E – Canopy Exotic, SC – Subcanopy, SC-E – Subcanopy Exotic, SHR – Shrub, SHR-E – Shrub Exotic

	Native	Non-Native
Total Emergent (%)	0	0
Total Canopy (%)	12	0
Total Subcanopy (%)	29	0
Total Shrub (%)	7	0

Coarse Woody Debris:

Total Length (m):	39.3	Total Length (m/ha):	393.0
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Length/s (m):															
1	5.60	6	1.10	11	3.00	16		21		26		31		36	
2	5.00	7	2.00	12		17		22		27		32		37	
3	8.80	8	2.50	13		18		23		28		33		38	
4	1.70	9	1.10	14		19		24		29		34		39	
5	8.00	10	0.50	15		20		25		30		35		40	

Species Lists – Trees, Shrubs, Grasses, Forbs & Other and Non-Natives:

Species		Status	Lifeform and/or Strata
1	Corymbia bloxsomei		T, SHR C, SC
2	Callitris glaucophylla		T, SHR SC
3	Allocasuarina luehmannii		T, SHR SC
4	Acacia leiocalyx		T, SHR SC
5	Corymbia tessellaris		T SC
6	Eucalyptus chloroclada		T C
7	Aristida caput-medusae		G
8	Eragrostis curvula	*	G, *
9	Oxalis sp.		F
10	Cenchrus ciliaris	*	G, *
11	Eragrostis elongata		G
12	Cheilanthes sieberi		F
13	Maireana microphylla		SHR
14	Maireana microphylla		SHR
15	Sida cordifolia	*	F, *
16	Alternanthera nana		F
17	Glycine sp.		F
18	Sida spinosa	*	F, *
19	Lomandra longifolia		F
20	Aristida calycina		G
21	Aristida jerichoensis		G
22	Opuntia stricta	Restricted - Category 3	SHR, *
23	Melinis repens	*	G, *
24	Lomandra leucocephala		F
25	Dodonaea viscosa		SHR
26	Desmodium varians		F
27	Cymbopogon refractus		G
28	Zornia muriculata		F
29	Sporobolus creber		G
30	Laxmannia gracilis		F
31	Brachychiton populneus		SHR
32	Sida hackettiana		SHR
33			
34			
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Status: NT – Near Threatened (*Nature Conservation Act 1992*), V – Vulnerable (NC Act), E – Endangered (NC Act), * – Exotic species.
Lifeform: T – Trees, S – Shrubs, G – Grasses, F – Forbs & Other
Tree Stratum: E – Emergent, C – Canopy, SC – Subcanopy, OTH – Other, NN-E – Non-native Emergent, NN-C – Non-native Canopy, NN-SC – Non-native Subcanopy, NN-OTH – Non-Native Other

Cont. Species List – Trees, Shrubs, Grasses, Forbs & Other and Non-Natives:

Species	Status	Lifeform and/or Strata
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Status: NT – Near Threatened (*Nature Conservation Act 1992*), V – Vulnerable (NC Act), E – Endangered (NC Act), * – Exotic species.
Lifeform: T – Trees, S – Shrubs, G – Grasses, F – Forbs & Other
Tree Stratum: E – Emergent, C – Canopy, SC – Subcanopy, OTH – Other, NN-E – Non-native Emergent, NN-C – Non-native Canopy, NN-SC – Non-native Subcanopy, NN-OTH – Non-Native Other

1m x 1m Quadrats:

Quadrat	Native				Non-native		Litter	Rock	Bare-ground	Crypto-grams	Total
	Perennial Grass	Other Grass	Forbs & Other	Shrubs	Grasses	Forbs, Other & Shrubs					
	30	0	2	0	0	0	68	0	0	0	100%
	40	0	4	0	0	0	46	0	10	0	100%
	45	0	2	2	0	1	50	0	0	0	100%
	50	0	10	1	0	0	39	0	0	0	100%
	25	0	5	0	15	0	40	0	15	0	100%
Mean:	38.00	0	4.60	0.60	3.00	0.20	48.60	0	5.00	0	

Site Details:

Site Code:	BC13	Date:	13-06-2025	Time:	10:49
Ecologist/s:	Tim Shields, Charlotte "Jamie" Prior				

	Start	End	Transect Length (m):
Latitude:			100
Longitude:			

Ground-truthed Regional Ecosystem:	11.5.20	Remnant
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Habitat Description:
Open Eucalyptus moluccana woodland. Canopy mid-dense; Eucalyptus moluccana d. Subcanopy scattered, Eucalyptus moluccana d. Other tree layer scattered; A. Leiocaylix s, A. Implexa ass, Geijera parviflora ass Ground layer dominated by native grasses; aristida spp. d, Bareground sparse.

General Comments:
Changed end location to reflect straight line

BioCondition Scoring Summary:

Site Based Attributes	Site BC Score	Max BC Score per Attribute for RE
No. Large Trees	5.0	15.0
EDL Recruitment	5.0	5.0
Tree Height		
- Emergent	na	na
- Canopy	5.0	5.0
- Subcanopy	5.0	5.0
Average	5.0	5.0
Tree Cover		
- Emergent	na	na
- Canopy	5.0	5.0
- Subcanopy	2.0	5.0
Average	3.5	5.0
Shrub Cover	5.0	5.0
Native Perennial Grass Cover	5.0	5.0
Litter Cover	5.0	5.0
Non-Native Plant Cover	10.0	10.0
Species Richness		
- Trees	5.0	5.0
- Shrubs	5.0	5.0
- Grasses	5.0	5.0
- Forbs & Other	5.0	5.0
Coarse Woody Debris	5.0	5.0
Total	69	80

Site Photos:

<div>Transect Start</div> <div></div>	<div>Transect End</div> <div></div>
<div>Centre Forward</div> <div></div>	<div>Centre Right</div> <div></div>
<div>Centre Back</div> <div></div>	<div>Centre Left</div> <div></div>

	Height (m)	Cover (%)
Emergent:	0	0
Canopy:	22.6	72.3
Subcanopy:	9	3.9
Shrub:	na	3.0

EDL:	Canopy
% EDL Recruitment:	100

	No. Large trees	DBH threshold (cm)
Eucalypt:	1	46
Non- Eucalypt:	0	23
Total No. Large Trees per site:	1	
Total No. Large Trees per ha:	2	

Species Richness:	Native	Non-Native
Trees:	6	0
Shrubs:	5	2
Grasses:	18	1
Forbs & Other:	14	1
Total:	43	4

Non-Native Plant Cover (%):
1.0

[illegible]

E – Emergent, E-E – Emergent Exotic, C – Canopy, C-E – Canopy Exotic, SC – Subcanopy, SC-E – Subcanopy Exotic, SHR – Shrub, SHR-E – Shrub Exotic

	Native	Non-Native
Total Emergent (%)	0	0
Total Canopy (%)	72	0
Total Subcanopy (%)	4	0
Total Shrub (%)	3	0

Coarse Woody Debris:

Total Length (m):	35.0	Total Length (m/ha):	350.0
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Length/s (m):															
1	1.00	6	4.50	11	0.70	16		21		26		31		36	
2	1.20	7	3.50	12	1.90	17		22		27		32		37	
3	0.90	8	7.00	13	3.00	18		23		28		33		38	
4	1.30	9	0.50	14		19		24		29		34		39	
5	5.00	10	4.50	15		20		25		30		35		40	

Species Lists – Trees, Shrubs, Grasses, Forbs & Other and Non-Natives:

Species		Status	Lifeform and/or Strata	
1	Eucalyptus moluccana		T, SHR	C, SC
2	Acacia leiocalyx		T	OTH
3	Atalaya hemiglauc		T, SHR	OTH
4	Casuarina cristata		T	SC
5	Geijera parviflora		T	OTH
6	Brunonia australis	Special least concern	F	
7	Opuntia stricta	Restricted - Category 3	*, SHR	
8	Eragrostis brownii		G	
9	Chloris ventricosa		G	
10	Cymbopogon refractus		G	
11	Bothriochloa decipiens		G	
12	Other species Digitaria?		G	
13	Lomandra longifolia		F	
14	Lomandra longifolia		F	
15	Cyperus gracilis		F	
16	Dianella brevipedunculata		F	
17	Nyssanthes erecta		F	
18	Dianella caerulea		F	
19	Leichhardtia microlepis		F	
20	Enteropogon ramosus		G	
21	Alectryon diversifolius		T	OTH
22	Eclipta prostrata	*	F, *	
23	Sporobolus caroli		G	
24	Calypochloa gracillima		G	
25	Aristida calycina		G	
26	Eriochloa sp.		G	
27	Heteropogon contortus		G	
28	Panicum effusum		G	
29	Dinebra decipiens		G	
30	Achyranthes aspera		F	
31	Cyanthillium cinereum		F	
32	Rostellularia adscendens		F	
33	Eragrostis curvula	*	G, *	
34	Dichanthium sericeum		G	
35	Paspalidium distans		G	

Status: NT – Near Threatened (*Nature Conservation Act 1992*), V – Vulnerable (NC Act), E – Endangered (NC Act), * – Exotic species.
Lifeform: T – Trees, S – Shrubs, G – Grasses, F – Forbs & Other
Tree Stratum: E – Emergent, C – Canopy, SC – Subcanopy, OTH – Other, NN-E – Non-native Emergent, NN-C – Non-native Canopy, NN-SC – Non-native Subcanopy, NN-OTH – Non-Native Other

Cont. Species List – Trees, Shrubs, Grasses, Forbs & Other and Non-Natives:

Species		Status	Lifeform and/or Strata
35	Panicum queenslandicum		G
36	Solanum jucundum		F
37	Euphorbia drummondii		F
38	Sida spinosa	*	*, SHR
39	Jasminum didymum		F
40	Sida cunninghamii		SHR
41	Eremophila debilis		F
42	Evolvulus alsinoides		SHR
43	Pittosporum angustifolium		SHR
44	Arundinella nepalensis		G
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Status: NT – Near Threatened (*Nature Conservation Act 1992*), V – Vulnerable (NC Act), E – Endangered (NC Act), * – Exotic species.
Lifeform: T – Trees, S – Shrubs, G – Grasses, F – Forbs & Other
Tree Stratum: E – Emergent, C – Canopy, SC – Subcanopy, OTH – Other, NN-E – Non-native Emergent, NN-C – Non-native Canopy, NN-SC – Non-native Subcanopy, NN-OTH – Non-Native Other

1m x 1m Quadrats:

Quadrat	Native				Non-native		Litter	Rock	Bare-ground	Crypto-grams	Total
	Perennial Grass	Other Grass	Forbs & Other	Shrubs	Grasses	Forbs, Other & Shrubs					
	15	0	1	0	0	0	54	0	30	0	100%
	5	0	0	0	0	5	90	0	0	0	100%
	0	0	1	1	0	5	93	0	0	0	100%
	20	0	5	0	0	0	45	0	30	0	100%
	15	0	1	3	0	0	81	0	0	0	100%
Mean:	11.00	0	1.60	0.80	0	2.00	72.60	0	12.00	0	

Site Code:	BC15	Date:	12-06-2025	Time:	08:36
Ecologist/s:	Tim Shields, Charlotte "Jamie" Prior				

	Start	End	Transect Length (m):
Latitude:			100
Longitude:			

Ground-truthed Regional Ecosystem:	11.3.27b	Remnant
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Open E. Tereticornis wooded wetland. Canopy mid-dense; E. Tereticornis d, A. Floribunda ass. Subcanopy sparse; E. Tereticornis d, A. Floribunda co. A. Implexa ass. Ground layer scattered, dominated by native grasses; A. Nepalensis, Cynodon dactylon. Bareground common.

Subcanopy included, *A. implexa* inside plot.

Site Based Attributes	Site BC Score	Max BC Score per Attribute for RE
No. Large Trees	5.0	15.0
EDL Recruitment	5.0	5.0
Tree Height		
- Emergent	na	na
- Canopy	5.0	5.0
- Subcanopy	na	na
Average	5.0	5.0
Tree Cover		
- Emergent	na	na
- Canopy	5.0	5.0
- Subcanopy	na	na
Average	5.0	5.0
Shrub Cover	3.0	5.0
Native Perennial Grass Cover	5.0	5.0
Litter Cover	3.0	5.0
Non-Native Plant Cover	5.0	10.0
Species Richness		
- Trees	5.0	5.0
- Shrubs	5.0	5.0
- Grasses	5.0	5.0
- Forbs & Other	5.0	5.0
Coarse Woody Debris	5.0	5.0
Total	61	80

Site Photos:

Transect Start



Transect End



Centre Forward



Centre Right



Centre Back



Centre Left



Site Measurements:

	Height (m)	Cover (%)
Emergent:	0	0
Canopy:	22.7	60.3
Subcanopy:	11	15.9
Shrub:	na	1.1

EDL:	Canopy
% EDL Recruitment:	100

Large Trees:

	No. Large trees	DBH threshold (cm)
Eucalypt:	4	47
Non- Eucalypt:	0	35
Total No. Large Trees per site:	4	
Total No. Large Trees per ha:	8	

Species Richness:

	Native	Non-Native
Trees:	5	0
Shrubs:	5	1
Grasses:	4	2
Forbs & Other:	7	4
Total:	21	7

Non-Native Plant Cover (%):
6.0

Line Intercept:

Strata	Start (m)	End (m)	Total (m)	Strata	Start (m)	End (m)	Total (m)
C	3.3	13.1	9.8				
C	18.1	26.3	8.2				
C	28.4	32.5	4.1				
SC	38.9	40.5	1.6				
C	39.0	48.4	9.4				
SC	43.7	46.0	2.3				
C	50.2	57.0	6.8				
SC	51.1	52.6	1.5				
SHR	56.0	56.4	0.4				
C	58.8	71.7	12.9				
SC	62.0	65.0	3.0				
SC	67.3	68.8	1.5				
C	74.4	76.8	2.4				
C	78.7	85.4	6.7				
SC	93.2	99.2	6.0				
SHR	96.1	96.8	0.7				

E – Emergent, E-E – Emergent Exotic, C – Canopy, C-E – Canopy Exotic, SC – Subcanopy, SC-E – Subcanopy Exotic, SHR – Shrub, SHR-E – Shrub Exotic

	Native	Non-Native
Total Emergent (%)	0	0
Total Canopy (%)	60	0
Total Subcanopy (%)	16	0
Total Shrub (%)	1	0

Coarse Woody Debris:

Total Length (m):	48.0	Total Length (m/ha):	479.5
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Length/s (m):														
1	0.70	6	1.80	11	3.80	16	3.00	21		26		31		36
2	0.60	7	0.60	12	1.90	17	2.55	22		27		32		37
3	1.70	8	1.30	13	3.70	18		23		28		33		38
4	2.70	9	3.90	14	3.20	19		24		29		34		39
5	6.90	10	7.50	15	2.10	20		25		30		35		40

Species Lists – Trees, Shrubs, Grasses, Forbs & Other and Non-Natives:

Species		Status	Lifeform and/or Strata	
1	Eucalyptus tereticornis		T, SHR	C, SC
2	Angophora floribunda		T, SHR	C
3	Acacia implexa		T, SHR	SC
4	Eragrostis curvula	*	G, *	
5	Cyperus exaltatus		F	
6	Cynodon dactylon	*	G, *	
7	Chrysopogon filipes		G	
8	Sida rhombifolia	*	F, *	
9	Juncus usitatus		F	
10	Other species	Asteraceae sp.	F	
11	Eragrostis elongata		G	
12	Dianella revoluta		F	
13	Opuntia tomentosa	Restricted - Category 3	SHR, *	
14	Opuntia tomentosa	Restricted - Category 3	SHR, *	
15	Centella asiatica		F	
16	Arundinella nepalensis		G	
17	Acacia leiocalyx		T, SHR	SC
18	Bryophyllum sp.	*	F, *	
19	Cymbidium canaliculatum	Special least concern	F	
20	Alphitonia excelsa		SHR	
21	Sphaeromorphaea australis		F	
22	Solanum nigrum	*	F, *	
23	Imperata cylindrica		G	
24	Corymbia tessellaris		T	SC
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35				

Status: NT – Near Threatened (*Nature Conservation Act 1992*), V – Vulnerable (NC Act), E – Endangered (NC Act), * – Exotic species.
Lifeform: T – Trees, S – Shrubs, G – Grasses, F – Forbs & Other
Tree Stratum: E – Emergent, C – Canopy, SC – Subcanopy, OTH – Other, NN-E – Non-native Emergent, NN-C – Non-native Canopy, NN-SC – Non-native Subcanopy, NN-OTH – Non-Native Other

Cont. Species List – Trees, Shrubs, Grasses, Forbs & Other and Non-Natives:

Species	Status	Lifeform and/or Strata
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Status: NT – Near Threatened (*Nature Conservation Act 1992*), V – Vulnerable (NC Act), E – Endangered (NC Act), * – Exotic species.
Lifeform: T – Trees, S – Shrubs, G – Grasses, F – Forbs & Other
Tree Stratum: E – Emergent, C – Canopy, SC – Subcanopy, OTH – Other, NN-E – Non-native Emergent, NN-C – Non-native Canopy, NN-SC – Non-native Subcanopy, NN-OTH – Non-Native Other

1m x 1m Quadrats:

Quadrat	Native				Non-native		Litter	Rock	Bare-ground	Crypto-grams	Total
	Perennial Grass	Other Grass	Forbs & Other	Shrubs	Grasses	Forbs, Other & Shrubs					
	0	0	0	0	5	0	95	0	0	0	100%
	0	0	1	0	0	0	99	0	0	0	100%
	75	0	0	0	0	0	25	0	0	0	100%
	80	0	0	0	0	0	20	0	0	0	100%
	0	0	1	0	0	0	99	0	0	0	100%
Mean:	31.00	0	0.40	0	1.00	0	67.60	0	0	0	

Site Details:

Site Code:	BC16	Date:	12-06-2025	Time:	11:18
Ecologist/s:	Tim Shields, Charlotte "Jamie" Prior				

	Start	End	Transect Length (m):
Latitude:			100
Longitude:			

Ground-truthed Regional Ecosystem:	11.3.25	Remnant
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Habitat Description:
Open Eucalypt woodland. Canopy mid dense; E. tereticornis d, A. floribunda s. Subcanopy sparse; Acacia spp. d, s Species1 d, Species2 s. Ground layer mixed native and non-native; Chloris gayana co. A. Nepalensis co. Channel >20m width

General Comments:

BioCondition Scoring Summary:

Site Based Attributes	Site BC Score	Max BC Score per Attribute for RE
No. Large Trees	10.0	15.0
EDL Recruitment	5.0	5.0
Tree Height		
- Emergent	na	na
- Canopy	5.0	5.0
- Subcanopy	5.0	5.0
Average	5.0	5.0
Tree Cover		
- Emergent	na	na
- Canopy	3.0	5.0
- Subcanopy	5.0	5.0
Average	4.0	5.0
Shrub Cover	0	5.0
Native Perennial Grass Cover	5.0	5.0
Litter Cover	5.0	5.0
Non-Native Plant Cover	5.0	10.0
Species Richness		
- Trees	5.0	5.0
- Shrubs	5.0	5.0
- Grasses	5.0	5.0
- Forbs & Other	5.0	5.0
Coarse Woody Debris	5.0	5.0
Total	64	80

Site Photos:

Transect Start



Transect End



Centre Forward



Centre Right



Centre Back



Centre Left



	Height (m)	Cover (%)
Emergent:	0	0
Canopy:	26.2	80.2
Subcanopy:	12	13.2
Shrub:	na	0.6

EDL:	Canopy
% EDL Recruitment:	100

	No. Large trees	DBH threshold (cm)
Eucalypt:	8	53
Non- Eucalypt:	1	26
Total No. Large Trees per site:	9	
Total No. Large Trees per ha:	18	

Species Richness:	Native	Non-Native
Trees:	7	0
Shrubs:	10	1
Grasses:	13	3
Forbs & Other:	17	6
Total:	47	10

Non-Native Plant Cover (%):
9.0

[illegible]

E – Emergent, E-E – Emergent Exotic, C – Canopy, C-E – Canopy Exotic, SC – Subcanopy, SC-E – Subcanopy Exotic, SHR – Shrub, SHR-E – Shrub Exotic

	Native	Non-Native
Total Emergent (%)	0	0
Total Canopy (%)	80	0
Total Subcanopy (%)	13	0
Total Shrub (%)	1	0

Coarse Woody Debris:

Total Length (m):	27.7	Total Length (m/ha):	277.0
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Length/s (m):														
1	0.90	6	1.10	11		16		21		26		31		36
2	12.00	7	2.30	12		17		22		27		32		37
3	1.00	8	1.20	13		18		23		28		33		38
4	2.10	9	1.50	14		19		24		29		34		39
5	4.50	10	1.10	15		20		25		30		35		40

Species Lists – Trees, Shrubs, Grasses, Forbs & Other and Non-Natives:

Species		Status	Lifeform and/or Strata	
1	Eucalyptus tereticornis		T, SHR	C, SC
2	Angophora floribunda		T, SHR	C, SC
3	Acacia implexa		T, SHR	SC
4	Corymbia tessellaris		T, SHR	C
5	Callitris glaucophylla		T, SHR	SC
6	Dianella revoluta		F	
7	Sida hackettiana		SHR	
8	Chloris gayana	*	*, G	
9	Arundinella nepalensis		G	
10	Sporobolus creber		G	
11	Glandularia aristigera	*	F, *	
12	Glycine tabacina		F	
13	Brunoniella australis		F	
14	Brunoniella australis		F	
15	Cyperus gracilis		F	
16	Eragrostis curvula	*	G, *	
17	Chloris ventricosa		G	
18	Eragrostis brownii		G	
19	Heteropogon contortus		G	
20	Acacia excelsa		SHR	
21	Sida rhombifolia	*	*, F	
22	Brachychiton populneus		SHR	
23	Calotis dentex		F	
24	Bidens pilosa	*	*, F	
25	Pterocaulon redolens		F	
26	Cyanthillium cinereum		F	
27	Aristida caput-medusae		G	
28	Calotis cuneata		F	
29	Opuntia stricta	Restricted - Category 3	*, SHR	
30	Eragrostis elongata		G	
31	Sida cunninghamii		SHR	
32	Psyrdrax odorata		SHR	
33	Hypericum gramineum		F	
34	Aristida jerichoensis		G	
35	Oxalis sp.		F	

Status: NT – Near Threatened (*Nature Conservation Act 1992*), V – Vulnerable (NC Act), E – Endangered (NC Act), * – Exotic species.
Lifeform: T – Trees, S – Shrubs, G – Grasses, F – Forbs & Other
Tree Stratum: E – Emergent, C – Canopy, SC – Subcanopy, OTH – Other, NN-E – Non-native Emergent, NN-C – Non-native Canopy, NN-SC – Non-native Subcanopy, NN-OTH – Non-Native Other

Cont. Species List – Trees, Shrubs, Grasses, Forbs & Other and Non-Natives:

Species		Status	Lifeform and/or Strata
35	Eremophila debilis		F
36	Centella asiatica		F
37	Chrysopogon filipes		G
38	Juncus usitatus		F
39	Cheilanthes sieberi		F
40	Melinis repens	*	G, *
41	Capparis canescens		T SC
42	Dianella caerulea		F
43	Macroptilium atropurpureum	*	F, *
44	Cymbopogon refractus		G
45	Enteropogon acicularis		G
46	Sphaeromorphaea australis		F
47	Chrysocephalum apiculatum		F
48	Praxelis clematidea	*	F, *
49	Bothriochloa bladhii		G
50	Dinebra decipiens		G
51	Eucalyptus crebra		T C
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Status: NT – Near Threatened (*Nature Conservation Act 1992*), V – Vulnerable (NC Act), E – Endangered (NC Act), * – Exotic species.
Lifeform: T – Trees, S – Shrubs, G – Grasses, F – Forbs & Other
Tree Stratum: E – Emergent, C – Canopy, SC – Subcanopy, OTH – Other, NN-E – Non-native Emergent, NN-C – Non-native Canopy, NN-SC – Non-native Subcanopy, NN-OTH – Non-Native Other

1m x 1m Quadrats:

Quadrat	Native				Non-native		Litter	Rock	Bare-ground	Crypto-grams	Total
	Perennial Grass	Other Grass	Forbs & Other	Shrubs	Grasses	Forbs, Other & Shrubs					
	45	0	3	0	0	3	49	0	0	0	100%
	94	0	0	0	5	0	99	0	0	0	100%
	35	0	0	0	35	0	70	0	0	0	100%
	93	0	0	0	1	1	95	0	0	0	100%
	3	0	0	0	0	0	3	0	0	0	100%
Mean:	54.00	0	0.60	0	8.20	0.80	36.40	0	0	0	

Site Details:

Site Code:	BC31	Date:	13-06-2025	Time:	08:31
Ecologist/s:	Tim Shields, Charlotte "Jamie" Prior				

	Start	End	Transect Length (m):
Latitude:			100
Longitude:			

Ground-truthed Regional Ecosystem:	11.5.20	Remnant
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Habitat Description:
Open Eucalypus moluccana woodland. Canopy mid-dense; E. Moluccana d. Subcanopy scattered; E. Moluccana d. Shrub layer scattered; Grevillea striata co, Geijera parviflora co. Ground layer dominated by native grasses; aristida spp. co. ancistrachne spp.

General Comments:

BioCondition Scoring Summary:

Site Based Attributes	Site BC Score	Max BC Score per Attribute for RE
No. Large Trees	10.0	15.0
EDL Recruitment	5.0	5.0
Tree Height		
- Emergent	na	na
- Canopy	5.0	5.0
- Subcanopy	5.0	5.0
Average	5.0	5.0
Tree Cover		
- Emergent	na	na
- Canopy	5.0	5.0
- Subcanopy	5.0	5.0
Average	5.0	5.0
Shrub Cover	3.0	5.0
Native Perennial Grass Cover	5.0	5.0
Litter Cover	5.0	5.0
Non-Native Plant Cover	10.0	10.0
Species Richness		
- Trees	5.0	5.0
- Shrubs	5.0	5.0
- Grasses	5.0	5.0
- Forbs & Other	2.5	5.0
Coarse Woody Debris	2.0	5.0
Total	68	80

Site Photos:

Transect Start



Transect End



Centre Forward



Centre Right



Centre Back



Centre Left



Site Measurements:

	Height (m)	Cover (%)
Emergent:	0	0
Canopy:	27.8	33.0
Subcanopy:	14	31.6
Shrub:	na	1.7

EDL:	Canopy
% EDL Recruitment:	100

Large Trees:

	No. Large trees	DBH threshold (cm)
Eucalypt:	8	46
Non- Eucalypt:	0	23
Total No. Large Trees per site:	8	
Total No. Large Trees per ha:	16	

Species Richness:

	Native	Non-Native
Trees:	9	0
Shrubs:	9	1
Grasses:	15	0
Forbs & Other:	11	2
Total:	44	3

Non-Native Plant Cover (%):
1.0

Line Intercept:

Strata	Start (m)	End (m)	Total (m)	Strata	Start (m)	End (m)	Total (m)
SC	2.3	6.5	4.2				
C	6.0	13.3	7.3				
C	17.7	18.7	1.0				
C	23.3	32.3	9.0				
SHR	27.8	28.3	0.5				
SHR	30.1	30.8	0.7				
C	36.3	42.5	6.2				
C	44.1	51.0	6.9				
SC	51.4	62.3	10.9				
SC	64.0	70.2	6.2				
SHR	73.5	74.0	0.5				
SC	76.5	79.0	2.5				
SC	87.1	94.9	7.8				
C	97.4	100.0	2.6				

E – Emergent, E-E – Emergent Exotic, C – Canopy, C-E – Canopy Exotic, SC – Subcanopy, SC-E – Subcanopy Exotic, SHR – Shrub, SHR-E – Shrub Exotic

	Native	Non-Native
Total Emergent (%)	0	0
Total Canopy (%)	33	0
Total Subcanopy (%)	32	0
Total Shrub (%)	2	0

Coarse Woody Debris:

Total Length (m):	103.5	Total Length (m/ha):	1,035.0
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Length/s (m):															
1	6.00	6	1.50	11	2.00	16	2.00	21		26		31		36	
2	28.00	7	1.50	12	4.00	17	3.00	22		27		32		37	
3	2.00	8	3.00	13	17.00	18	1.00	23		28		33		38	
4	14.00	9	1.00	14	1.00	19		24		29		34		39	
5	7.00	10	1.50	15	8.00	20		25		30		35		40	

Species Lists – Trees, Shrubs, Grasses, Forbs & Other and Non-Natives:

Species		Status	Lifeform and/or Strata
1	Eucalyptus moluccana		T, SHR C, SC
2	Acacia implexa		T, SHR SC
3	Grevillea striata		T, SHR SC
4	Geijera parviflora		T SC
5	Acacia leiocalyx		T, SHR OTH
6	Acacia excelsa		T OTH
7	Eremophila mitchellii		T OTH
8	Aristida benthamii		G
9	Sida hackettiana		SHR
10	Chloris ventricosa		G
11	Digitaria brownii		G
12	Bothriochloa decipiens		G
13	Sporobolus creber		G
14	Sporobolus creber		G
15	Cymbopogon refractus		G
16	Opuntia tomentosa	Restricted - Category 3	*, SHR
17	Other species Looks like oplus mennace		F
18	Nyssanthes erecta		F
19	Cyperus gracilis		F
20	Brunonia australis	Special least concern	F
21	Oplismenus sp.		G
22	Paspalidium distans		G
23	Lepidium africanum	*	F, *
24	Eriochloa sp.		G
25	Maireana microphylla		SHR
26	Glycine tabacina		F
27	Capparis canescens		SHR
28	Panicum effusum		G
29	Dianella revoluta		F
30	Cyanthillium cinereum		F
31	Panicum queenslandicum		G
32	Alphitonia excelsa		SHR
33	Eremophila debilis		F
34	Alternanthera nana		F
35	Portulaca pilosa	*	F, *

Status: NT – Near Threatened (*Nature Conservation Act 1992*), V – Vulnerable (NC Act), E – Endangered (NC Act), * – Exotic species.
Lifeform: T – Trees, S – Shrubs, G – Grasses, F – Forbs & Other
Tree Stratum: E – Emergent, C – Canopy, SC – Subcanopy, OTH – Other, NN-E – Non-native Emergent, NN-C – Non-native Canopy, NN-SC – Non-native Subcanopy, NN-OTH – Non-Native Other

Cont. Species List – Trees, Shrubs, Grasses, Forbs & Other and Non-Natives:

Species		Status	Lifeform and/or Strata	
35	Sida cunninghamii		F	
36	Einadia nutans subsp. linifolia		SHR	
37	Euphorbia drummondii		F	
38	Austrostipa ramosissima		G	
39	Arundinella nepalensis		G	
40	Aristida calycina		G	
41	Myoporum acuminatum		T	OTH
42	Eriochloa crebra		T	C
43				
44				
45				
46				
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Status: NT – Near Threatened (*Nature Conservation Act 1992*), V – Vulnerable (NC Act), E – Endangered (NC Act), * – Exotic species.
Lifeform: T – Trees, S – Shrubs, G – Grasses, F – Forbs & Other
Tree Stratum: E – Emergent, C – Canopy, SC – Subcanopy, OTH – Other, NN-E – Non-native Emergent, NN-C – Non-native Canopy, NN-SC – Non-native Subcanopy, NN-OTH – Non-Native Other

1m x 1m Quadrats:

Quadrat	Native				Non-native		Litter	Rock	Bare-ground	Crypto-grams	Total
	Perennial Grass	Other Grass	Forbs & Other	Shrubs	Grasses	Forbs, Other & Shrubs					
	69	0	0	25	0	1	5	0	0	0	100%
	20	0	10	5	0	0	65	0	0	0	100%
	35	0	1	3	0	1	60	0	0	0	100%
	40	0	1	1	0	0	58	0	0	0	100%
	45	0	1	0	0	0	49	0	5	0	100%
Mean:	41.80	0	2.60	6.80	0	0.40	47.40	0	1.00	0	

Site Details:

Site Code:	BC35	Date:	11-06-2025	Time:	15:17
Ecologist/s:	Tim Shields, Charlotte "Jamie" Prior				

	Start	End	Transect Length (m):
Latitude:			100
Longitude:			

Ground-truthed Regional Ecosystem:	11.3.2	Regrowth
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Habitat Description:
Eucalyptus populnea woodland. Canopy scattered; E. Populnea d, E. chloroclada ass E. tereticornis ass, E. moluccana ass. Subcanopy scattered; E. Populnea d, Acacia excelsa ass. Ground layer dominated by mixed native grasses, Eragrostis curveula. Bareground rare.

General Comments:
Mother of millions present in site

BioCondition Scoring Summary:

Site Based Attributes	Site BC Score	Max BC Score per Attribute for RE
No. Large Trees	0	15.0
EDL Recruitment	5.0	5.0
Tree Height		
- Emergent	na	na
- Canopy	3.0	5.0
- Subcanopy	5.0	5.0
Average	4.0	5.0
Tree Cover		
- Emergent	na	na
- Canopy	5.0	5.0
- Subcanopy	2.0	5.0
Average	3.5	5.0
Shrub Cover	0	5.0
Native Perennial Grass Cover	5.0	5.0
Litter Cover	5.0	5.0
Non-Native Plant Cover	5.0	10.0
Species Richness		
- Trees	5.0	5.0
- Shrubs	5.0	5.0
- Grasses	5.0	5.0
- Forbs & Other	2.5	5.0
Coarse Woody Debris	5.0	5.0
Total	50	80

Site Photos:

Transect Start



Transect End



Centre Forward



Centre Right



Centre Back



Centre Left



	Height (m)	Cover (%)
Emergent:	0	0
Canopy:	11.8	33.0
Subcanopy:	7	1.0
Shrub:	na	0

EDL:	Canopy
% EDL Recruitment:	100

	No. Large trees	DBH threshold (cm)
Eucalypt:	0	44
Non- Eucalypt:	0	na
Total No. Large Trees per site:	0	
Total No. Large Trees per ha:	0	

Species Richness:	Native	Non-Native
Trees:	6	0
Shrubs:	7	2
Grasses:	11	3
Forbs & Other:	10	2
Total:	34	7

Non-Native Plant Cover (%):
6.0

[illegible]

	Native	Non-Native
Total Emergent (%)	0	0
Total Canopy (%)	33	0
Total Subcanopy (%)	1	0
Total Shrub (%)	0	0

Coarse Woody Debris:

Total Length (m):	22.5	Total Length (m/ha):	225.0
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Length/s (m):															
1	1.40	6	2.10	11	1.10	16		21		26		31		36	
2	0.70	7	4.20	12	1.10	17		22		27		32		37	
3	4.00	8	1.00	13	0.90	18		23		28		33		38	
4	3.40	9	0.90	14		19		24		29		34		39	
5	1.10	10	0.60	15		20		25		30		35		40	

Species Lists – Trees, Shrubs, Grasses, Forbs & Other and Non-Natives:

Species		Status	Lifeform and/or Strata	
1	Eucalyptus tereticornis		T	C
2	Eucalyptus populnea		T, SHR	C, SC
3	Eucalyptus chloroclada		T	C
4	Eucalyptus moluccana		T	SC, C
5	Corymbia terminalis		T	SC
6	Acacia excelsa		T, SHR	SC
7	Chloris gayana	*	G, *	
8	Sida hackettiana		SHR	
9	Arundinella nepalensis		G	
10	Aristida jerichoensis		G	
11	Glandularia aristigera	*	F, *	
12	Eragrostis brownii		G	
13	Panicum queenslandicum		G	
14	Panicum queenslandicum		G	
15	Sporobolus creber		G	
16	Cenchrus ciliaris	*	*, G	
17	Maireana microphylla		SHR	
18	Bryophyllum sp.	Exotic	*, F	
19	Perotis rara		G	
20	Eragrostis elongata		G	
21	Brunoniella australis		F	
22	Glycine tabacina		F	
23	Sida cunninghamii		F	
24	Bothriochloa sp.		G	
25	Dianella revoluta		F	
26	Enteropogon acicularis		G	
27	Boerhavia dominii		F	
28	Other species	Forb sp.	F	
29	Opuntia tomentosa	Restricted - Category 3	*, SHR	
30	Chloris ventricosa		G	
31	Eremophila debilis		F	
32	Acacia implexa		SHR	
33	Acacia leiocalyx		SHR	
34	Opuntia stricta	Restricted - Category 3	*, SHR	
35	Desmodium varians		F	

Status: NT – Near Threatened (*Nature Conservation Act 1992*), V – Vulnerable (NC Act), E – Endangered (NC Act), * – Exotic species.
Lifeform: T – Trees, S – Shrubs, G – Grasses, F – Forbs & Other
Tree Stratum: E – Emergent, C – Canopy, SC – Subcanopy, OTH – Other, NN-E – Non-native Emergent, NN-C – Non-native Canopy, NN-SC – Non-native Subcanopy, NN-OTH – Non-Native Other

Cont. Species List – Trees, Shrubs, Grasses, Forbs & Other and Non-Natives:

Species		Status	Lifeform and/or Strata
35	Brachychiton populneus		SHR
36	Aristida caput-medusae		G
37	Calotis cuneata		F
38	Cyperus polystachyos		F
39			
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42			
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Status: NT – Near Threatened (*Nature Conservation Act 1992*), V – Vulnerable (NC Act), E – Endangered (NC Act), * – Exotic species.
Lifeform: T – Trees, S – Shrubs, G – Grasses, F – Forbs & Other
Tree Stratum: E – Emergent, C – Canopy, SC – Subcanopy, OTH – Other, NN-E – Non-native Emergent, NN-C – Non-native Canopy, NN-SC – Non-native Subcanopy, NN-OTH – Non-Native Other

1m x 1m Quadrats:

Quadrat	Native				Non-native		Litter	Rock	Bare-ground	Crypto-grams	Total
	Perennial Grass	Other Grass	Forbs & Other	Shrubs	Grasses	Forbs, Other & Shrubs					
	38	0	0	2	10	0	40	0	10	0	100%
	25	0	0	3	10	0	42	0	20	0	100%
	10	0	0	0	3	4	83	0	0	0	100%
	20	0	0	0	0	0	40	0	40	0	100%
	30	0	1	0	0	0	34	0	35	0	100%
Mean:	24.60	0	0.20	1.00	4.60	0.80	47.80	0	21.00	0	

Site Details:

Site Code:	BC38	Date:	11-06-2025	Time:	13:24
Ecologist/s:	Tim Shields, Charlotte "Jamie" Prior				

	Start	End	Transect Length (m):
Latitude:			100
Longitude:			

Ground-truthed Regional Ecosystem:	11.3.4	Regrowth
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Habitat Description:
Open Eucalyptus tereticornis woodland. Canopy mid-dense; E. tereticornis d, E. chloroclada ass. Subcanopy sparse; Angophora floribunda d, E. tereticornis ass, E. Chloroclada ass. Ground layer dominated by native grasses; Eragrostis curvula co, Arundunella nepalensis co. Bareground rare.

General Comments:
Very dry, low Forb richness

BioCondition Scoring Summary:

Site Based Attributes	Site BC Score	Max BC Score per Attribute for RE
No. Large Trees	0	15.0
EDL Recruitment	5.0	5.0
Tree Height		
- Emergent	na	na
- Canopy	3.0	5.0
- Subcanopy	5.0	5.0
Average	4.0	5.0
Tree Cover		
- Emergent	na	na
- Canopy	5.0	5.0
- Subcanopy	2.0	5.0
Average	3.5	5.0
Shrub Cover	5.0	5.0
Native Perennial Grass Cover	1.0	5.0
Litter Cover	3.0	5.0
Non-Native Plant Cover	5.0	10.0
Species Richness		
- Trees	5.0	5.0
- Shrubs	5.0	5.0
- Grasses	5.0	5.0
- Forbs & Other	2.5	5.0
Coarse Woody Debris	0	5.0
Total	44	80

Site Photos:

Transect Start



Transect End



Centre Forward



Centre Right



Centre Back



Centre Left



Site Measurements:

	Height (m)	Cover (%)
Emergent:	0	0
Canopy:	15.1	32.0
Subcanopy:	10	2.9
Shrub:	na	1.6

EDL:	Canopy
% EDL Recruitment:	100

Large Trees:

	No. Large trees	DBH threshold (cm)
Eucalypt:	0	53
Non- Eucalypt:	0	na
Total No. Large Trees per site:	0	
Total No. Large Trees per ha:	0	

Species Richness:

	Native	Non-Native
Trees:	7	0
Shrubs:	8	2
Grasses:	16	2
Forbs & Other:	15	2
Total:	46	6

Non-Native Plant Cover (%):
17.0

Line Intercept:

Strata	Start (m)	End (m)	Total (m)	Strata	Start (m)	End (m)	Total (m)
C	7.9	12.8	4.9				
C	16.5	24.1	7.6				
C	47.7	51.3	3.6				
SHR	57.6	57.8	0.2				
C	74.4	79.2	4.8				
SC	75.0	76.4	1.4				
SHR	78.3	79.7	1.4				
C	80.5	82.6	2.1				
C	86.0	92.3	6.3				
SC	87.0	88.5	1.5				
C	94.2	96.9	2.7				

E – Emergent, E-E – Emergent Exotic, C – Canopy, C-E – Canopy Exotic, SC – Subcanopy, SC-E – Subcanopy Exotic, SHR – Shrub, SHR-E – Shrub Exotic

	Native	Non-Native
Total Emergent (%)	0	0
Total Canopy (%)	32	0
Total Subcanopy (%)	3	0
Total Shrub (%)	2	0

Coarse Woody Debris:

Total Length (m):	2.4	Total Length (m/ha):	24.0
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Length/s (m):															
1	2.40	6		11		16		21		26		31		36	
2		7		12		17		22		27		32		37	
3		8		13		18		23		28		33		38	
4		9		14		19		24		29		34		39	
5		10		15		20		25		30		35		40	

Species Lists – Trees, Shrubs, Grasses, Forbs & Other and Non-Natives:

Species		Status	Lifeform and/or Strata	
1	Eucalyptus tereticornis		T	C, SC
2	Eucalyptus chloroclada		T, SHR	C, SC
3	Angophora floribunda		T, SHR	C, SC
4	Acacia implexa		T, SHR	SC
5	Eucalyptus populnea		T	SC
6	Acacia excelsa		T	SC
7	Callitris glaucophylla		T	OTH
8	Brachychiton populneus		SHR	
9	Arundinella nepalensis		G	
10	Heteropogon contortus		G	
11	Aristida sp.		G	
12	Glandularia aristigera	*	F, *	
13	Sida hackettiana		SHR	
14	Sida hackettiana		SHR	
15	Glycine tabacina		F	
16	Cenchrus ciliaris	*	G, *	
17	Sporobolus creber		G	
18	Panicum effusum		G	
19	Eragrostis elongata		G	
20	Brunoniella australis		F	
21	Enteropogon acicularis		G	
22	Aristida calycina		G	
23	Calotis cuneata		F	
24	Desmodium varians		F	
25	Bothriochloa decipiens		G	
26	Verbena bonariensis	*	F, *	
27	Dianella revoluta		F	
28	Centella asiatica		F	
29	Cyanthillium cinereum		F	
30	Glycine tomentella		F	
31	Dichondra repens		F	
32	Sida spinosa	*	*, SHR	
33	Other species Shrub sp. (Alectryon/		SHR	
34	Bothriochloa bladhii		G	
35	Sida cunninghamii		SHR	

Status: NT – Near Threatened (*Nature Conservation Act 1992*), V – Vulnerable (NC Act), E – Endangered (NC Act), * – Exotic species.
Lifeform: T – Trees, S – Shrubs, G – Grasses, F – Forbs & Other
Tree Stratum: E – Emergent, C – Canopy, SC – Subcanopy, OTH – Other, NN-E – Non-native Emergent, NN-C – Non-native Canopy, NN-SC – Non-native Subcanopy, NN-OTH – Non-Native Other

Cont. Species List – Trees, Shrubs, Grasses, Forbs & Other and Non-Natives:

Species		Status	Lifeform and/or Strata
35	Melinis repens	*	G, *
36	Chrysopogon fallax		G
37	Other species Grass sp.		G
38	Chrysocephalum apiculatum		F
39	Cassinia laevis		SHR
40	Opuntia tomentosa	Restricted - Category 3	*, SHR
41	Eremophila debilis		F
42	Cyperus gracilis		G
43	Cymbopogon refractus		G
44	Lomandra leucocephala		F
45	Aristida caput-medusae		G
46	Desmodium gunnii		F
47	Zornia muriculata		F
48	Stackhousia viminea		F
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Status: NT – Near Threatened (*Nature Conservation Act 1992*), V – Vulnerable (NC Act), E – Endangered (NC Act), * – Exotic species.
Lifeform: T – Trees, S – Shrubs, G – Grasses, F – Forbs & Other
Tree Stratum: E – Emergent, C – Canopy, SC – Subcanopy, OTH – Other, NN-E – Non-native Emergent, NN-C – Non-native Canopy, NN-SC – Non-native Subcanopy, NN-OTH – Non-Native Other

1m x 1m Quadrats:

Quadrat	Native				Non-native		Litter	Rock	Bare-ground	Crypto-grams	Total
	Perennial Grass	Other Grass	Forbs & Other	Shrubs	Grasses	Forbs, Other & Shrubs					
	0	17	3	0	20	15	45	0	0	0	100%
	0	88	2	0	5	0	5	0	0	0	100%
	0	86	1	0	3	0	10	0	0	0	100%
	95	0	3	0	0	0	2	0	0	0	100%
	12	0	5	1	25	2	25	0	30	0	100%
Mean:	21.40	38.20	2.80	0.20	10.60	3.40	17.40	0	6.00	0	

Site Details:

Site Code:	BC47	Date:	13-06-2025	Time:	12:31
Ecologist/s:	Tim Shields, Charlotte "Jamie" Prior				

	Start	End	Transect Length (m):
Latitude:			100
Longitude:			

Ground-truthed Regional Ecosystem:	11.3.4	Remnant
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Habitat Description:
Open Eucalyptus tereticornis woodland. Canopy mid-dense; Eucalyptus tereticornis d, E. Moluccana ass. Subcanopy scattered; pE. Tereticornis co, E. Moluccana sco. Other tree layer scattered A. Leiocalyx d. Shrub layer sparse; Acacia spp. Ground layer dominated by native grasses. Bareground rare.

General Comments:

BioCondition Scoring Summary:

Site Based Attributes	Site BC Score	Max BC Score per Attribute for RE
No. Large Trees	10.0	15.0
EDL Recruitment	5.0	5.0
Tree Height		
- Emergent	na	na
- Canopy	5.0	5.0
- Subcanopy	5.0	5.0
Average	5.0	5.0
Tree Cover		
- Emergent	na	na
- Canopy	0	5.0
- Subcanopy	5.0	5.0
Average	2.5	5.0
Shrub Cover	5.0	5.0
Native Perennial Grass Cover	3.0	5.0
Litter Cover	5.0	5.0
Non-Native Plant Cover	5.0	10.0
Species Richness		
- Trees	5.0	5.0
- Shrubs	5.0	5.0
- Grasses	5.0	5.0
- Forbs & Other	2.5	5.0
Coarse Woody Debris	0	5.0
Total	58	80

Site Photos:

Transect Start



Transect End



Centre Forward



Centre Right



Centre Back



Centre Left



Site Measurements:

	Height (m)	Cover (%)
Emergent:	0	0
Canopy:	24.5	-54.4
Subcanopy:	10	20.0
Shrub:	na	3.4

EDL:	Canopy
% EDL Recruitment:	100

Large Trees:

	No. Large trees	DBH threshold (cm)
Eucalypt:	5	53
Non- Eucalypt:	0	na
Total No. Large Trees per site:	5	
Total No. Large Trees per ha:	10	

Species Richness:

	Native	Non-Native
Trees:	8	0
Shrubs:	11	2
Grasses:	16	1
Forbs & Other:	14	5
Total:	49	8

Non-Native Plant Cover (%):

14.0

Line Intercept:

Strata	Start (m)	End (m)	Total (m)	Strata	Start (m)	End (m)	Total (m)
C	0	7.3	7.3	SHR	92.3	92.8	0.5
SC	1.1	3.2	2.1	OTH	93.0	93.9	0.9
SC	17.7	20.3	2.6	SC	95.6	98.0	2.4
SC	23.7	25.5	1.8	C	98.0	100.0	2.0
SHR	26.7	27.3	0.6	OTH	98.2	100.0	1.8
SC	29.2	32.8	3.6				
SHR	30.3	30.9	0.6				
C	36.1	42.1	6.0				
C	43.5	45.1	1.6				
SC	59.6	63.1	3.5				
OTH	59.9	63.0	3.1				
C	65.3	71.3	6.0				
SC	74.8	75.9	1.1				
OTH	76.4	80.4	4.0				
C	77.3		-77.3				
SHR	78.7	79.1	0.4				
SHR	82.0	82.5	0.5				
SHR	83.0	83.8	0.8				
SC	82.0	83.5	1.5				
SC	85.9	87.3	1.4				

E – Emergent, E-E – Emergent Exotic, C – Canopy, C-E – Canopy Exotic, SC – Subcanopy, SC-E – Subcanopy Exotic, SHR – Shrub, SHR-E – Shrub Exotic

	Native	Non-Native
Total Emergent (%)	0	0
Total Canopy (%)	-54	0
Total Subcanopy (%)	20	0
Total Shrub (%)	3	0

Coarse Woody Debris:

Total Length (m):	2.6	Total Length (m/ha):	26.0
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Length/s (m):															
1	0.50	6		11		16		21		26		31		36	
2	2.10	7		12		17		22		27		32		37	
3		8		13		18		23		28		33		38	
4		9		14		19		24		29		34		39	
5		10		15		20		25		30		35		40	

Species Lists – Trees, Shrubs, Grasses, Forbs & Other and Non-Natives:

Species		Status	Lifeform and/or Strata	
1	Eucalyptus moluccana		T	C, SC
2	Eucalyptus tereticornis		T, SHR	C, SC
3	Corymbia citriodora		T	C
4	Acacia leiocalyx		T, SHR	OTH
5	Aristida caput-medusae		G	
6	Grevillea striata		SHR, T	OTH
7	Opuntia tomentosa	Restricted - Category 3	SHR, *	
8	Opuntia stricta	Restricted - Category 3	*, SHR	
9	Bryophyllum sp.		F, *	
10	Corymbia tessellaris		T, SHR	SC
11	Glandularia aristigera	*	F, *	
12	Sida hackettiana		SHR	
13	Eragrostis curvula	*	*, G	
14	Eragrostis curvula	*	*, G	
15	Eragrostis brownii		G	
16	Glycine tabacina		F	
17	Brunoniella australis		F	
18	Lomandra longifolia		F	
19	Sphaeromorphaea australis		F	
20	Eremophila debilis		F	
21	Cyanthillium cinereum		F	
22	Aristida benthamii		G	
23	Sida cunninghamii		SHR	
24	Dianella revoluta		F	
25	Aristida calycina		G	
26	Acacia implexa		SHR	
27	Calyptochloa gracillima		G	
28	Bothriochloa bladhii		G	
29	Dichanthium sericeum		G	
30	Aristida jerichoensis		G	
31	Gomphrena celosioides	*	F, *	
32	Sida rhombifolia	*	F, *	
33	Dodonaea viscosa		SHR, T	OTH
34	Goodenia glabra		F	
35	Maireana microphylla		SHR	

Status: NT – Near Threatened (*Nature Conservation Act 1992*), V – Vulnerable (NC Act), E – Endangered (NC Act), * – Exotic species.
Lifeform: T – Trees, S – Shrubs, G – Grasses, F – Forbs & Other
Tree Stratum: E – Emergent, C – Canopy, SC – Subcanopy, OTH – Other, NN-E – Non-native Emergent, NN-C – Non-native Canopy, NN-SC – Non-native Subcanopy, NN-OTH – Non-Native Other

Cont. Species List – Trees, Shrubs, Grasses, Forbs & Other and Non-Natives:

Species		Status	Lifeform and/or Strata
35	Euphorbia drummondii		F
36	Enteropogon acicularis		G
37	Panicum effusum		G
38	Cymbopogon refractus		G
39	Arundinella nepalensis		G
40	Sporobolus creber		G
41	Brunonia australis	Special least concern	F
42	Cenchrus polystachios	*	F, *
43	Desmodium gunnii		F
44	Solanum ellipticum		SHR
45	Ptilotus latifolius		F
46	Heteropogon contortus		G
47	Einadia nutans subsp. linifolia		F
48	Eulalia annua		G
49	Sporobolus caroli		G
50	Dichondra repens		F
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Status: NT – Near Threatened (*Nature Conservation Act 1992*), V – Vulnerable (NC Act), E – Endangered (NC Act), * – Exotic species.
Lifeform: T – Trees, S – Shrubs, G – Grasses, F – Forbs & Other
Tree Stratum: E – Emergent, C – Canopy, SC – Subcanopy, OTH – Other, NN-E – Non-native Emergent, NN-C – Non-native Canopy, NN-SC – Non-native Subcanopy, NN-OTH – Non-Native Other

1m x 1m Quadrats:

Quadrat	Native				Non-native		Litter	Rock	Bare-ground	Crypto-grams	Total
	Perennial Grass	Other Grass	Forbs & Other	Shrubs	Grasses	Forbs, Other & Shrubs					
	30	0	2	1	0	3	59	0	5	0	100%
	65	0	2	0	0	1	30	0	2	0	100%
	30	0	0	3	20	5	37	0	5	0	100%
	0	25	0	15	25	15	20	0	0	0	100%
	63	0	5	5	0	2	25	0	0	0	100%
Mean:	37.60	5.00	1.80	4.80	9.00	5.20	34.20	0	2.40	0	

Site Details:

Site Code:	BC48	Date:	13-06-2025	Time:	14:24
Ecologist/s:	Tim Shields, Charlotte "Jamie" Prior				

	Start	End	Transect Length (m):
Latitude:			100
Longitude:			

Ground-truthed Regional Ecosystem:	11.5.20	Non-remnant
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Habitat Description:
Open paddock, gently sloping, grass ground layer mixed native and non-native.

General Comments:
Gtre is 11.5.1 but pretty much impossible to say what it will mature to be

BioCondition Scoring Summary:

Site Based Attributes	Site BC Score	Max BC Score per Attribute for RE
No. Large Trees	0	15.0
EDL Recruitment	3.0	5.0
Tree Height		
- Emergent	na	na
- Canopy	5.0	5.0
- Subcanopy	5.0	5.0
Average	5.0	5.0
Tree Cover		
- Emergent	na	na
- Canopy	0	5.0
- Subcanopy	2.0	5.0
Average	1.0	5.0
Shrub Cover	3.0	5.0
Native Perennial Grass Cover	5.0	5.0
Litter Cover	3.0	5.0
Non-Native Plant Cover	5.0	10.0
Species Richness		
- Trees	5.0	5.0
- Shrubs	2.5	5.0
- Grasses	5.0	5.0
- Forbs & Other	0	5.0
Coarse Woody Debris	0	5.0
Total	38	80

Site Photos:

Transect Start



Transect End



Centre Forward



Centre Right



Centre Back



Centre Left



	Height (m)	Cover (%)
Emergent:	0	0
Canopy:	16.9	0
Subcanopy:	8	3.9
Shrub:	na	0.8

EDL:	Canopy
% EDL Recruitment:	50

	No. Large trees	DBH threshold (cm)
Eucalypt:	0	46
Non- Eucalypt:	0	23
Total No. Large Trees per site:	0	
Total No. Large Trees per ha:	0	

Species Richness:	Native	Non-Native	
Trees:	6	0	
Shrubs:	2	1	
Grasses:	16	3	
Forbs & Other:	1	2	
Total:	25	6	31

Non-Native Plant Cover (%):
6.0

[illegible]

E – Emergent, E-E – Emergent Exotic, C – Canopy, C-E – Canopy Exotic, SC – Subcanopy, SC-E – Subcanopy Exotic, SHR – Shrub, SHR-E – Shrub Exotic

	Native	Non-Native
Total Emergent (%)	0	0
Total Canopy (%)	0	0
Total Subcanopy (%)	4	0
Total Shrub (%)	1	0

Coarse Woody Debris:

Total Length (m):	0	Total Length (m/ha):	0
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Length/s (m):															
1		6		11		16		21		26		31		36	
2		7		12		17		22		27		32		37	
3		8		13		18		23		28		33		38	
4		9		14		19		24		29		34		39	
5		10		15		20		25		30		35		40	

Species Lists – Trees, Shrubs, Grasses, Forbs & Other and Non-Natives:

Species		Status	Lifeform and/or Strata	
1	Eucalyptus moluccana		T	C, SC
2	Eucalyptus tereticornis		T	C
3	Grevillea striata		T	OTH
4	Acacia implexa		T	OTH
5	Bothriochloa decipiens		G	
6	Bothriochloa bladhii		G	
7	Sporobolus creber		G	
8	Glandularia aristigera	*	*, F	
9	Heteropogon contortus		G	
10	Sida hackettiana		SHR	
11	Eragrostis sp.		G	
12	Panicum effusum		G	
13	Urochloa mosambicensis	*	G, *	
14	Urochloa mosambicensis	*	G, *	
15	Aristida sp.		G	
16	Cheilanthes sieberi		F	
17	Eragrostis brownii		G	
18	Opuntia tomentosa	Restricted - Category 3	SHR, *	
19	Eragrostis curvula	*	*, G	
20	Maireana microphylla		SHR	
21	Chrysopogon fallax		G	
22	Digitaria sp.		G	
23	Arundinella nepalensis		G	
24	Cenchrus ciliaris	*	G, *	
25	Aristida caput-medusae		G	
26	Bryophyllum sp.		*, F	
27	Calotis cuneata		G	
28	Digitaria divaricatissima		G	
29	Acacia excelsa		T	OTH
30	Acacia salicina		T	OTH
31	Enteropogon acicularis		G	
32				
33				
34				
35				

Status: NT – Near Threatened (*Nature Conservation Act 1992*), V – Vulnerable (NC Act), E – Endangered (NC Act), * – Exotic species.
Lifeform: T – Trees, S – Shrubs, G – Grasses, F – Forbs & Other
Tree Stratum: E – Emergent, C – Canopy, SC – Subcanopy, OTH – Other, NN-E – Non-native Emergent, NN-C – Non-native Canopy, NN-SC – Non-native Subcanopy, NN-OTH – Non-Native Other

Cont. Species List – Trees, Shrubs, Grasses, Forbs & Other and Non-Natives:

Species	Status	Lifeform and/or Strata
35		
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Status: NT – Near Threatened (*Nature Conservation Act 1992*), V – Vulnerable (NC Act), E – Endangered (NC Act), * – Exotic species.
Lifeform: T – Trees, S – Shrubs, G – Grasses, F – Forbs & Other
Tree Stratum: E – Emergent, C – Canopy, SC – Subcanopy, OTH – Other, NN-E – Non-native Emergent, NN-C – Non-native Canopy, NN-SC – Non-native Subcanopy, NN-OTH – Non-Native Other

1m x 1m Quadrats:

Quadrat	Native				Non-native		Litter	Rock	Bare-ground	Crypto-grams	Total
	Perennial Grass	Other Grass	Forbs & Other	Shrubs	Grasses	Forbs, Other & Shrubs					
	70	0	0	10	0	0	10	0	10	0	100%
	70	0	0	5	0	15	10	0	0	0	100%
	100	0	0	0	0	0	0	0	0	0	100%
	55	0	0	0	0	0	45	0	0	0	100%
	82	0	2	0	0	1	15	0	0	0	100%
Mean:	75.40	0	0.40	3.00	0	3.20	16.00	0	2.00	0	

Site Details:

Site Code:	BC49	Date:	13-06-2025	Time:	15:21
Ecologist/s:	Tim Shields, Charlotte "Jamie" Prior				

	Start	End	Transect Length (m):
Latitude:			100
Longitude:			

Ground-truthed Regional Ecosystem:	11.3.2	Remnant
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Habitat Description:
Open Eucalypt woodland. Canopy dense; E. populnea d, E. tereticornis s, E. crebra ass. Subcanopy mid-dense; A. Leiocalyx. Ground layer dominated by native grasses; Aristida spp. d, A. Nepalensis ass. Bareground rare.

General Comments:
11.3.2 / 11.3.4 ecotonal area

BioCondition Scoring Summary:

Site Based Attributes	Site BC Score	Max BC Score per Attribute for RE
No. Large Trees	0	15.0
EDL Recruitment	5.0	5.0
Tree Height		
- Emergent	na	na
- Canopy	5.0	5.0
- Subcanopy	3.0	5.0
Average	4.0	5.0
Tree Cover		
- Emergent	na	na
- Canopy	5.0	5.0
- Subcanopy	3.0	5.0
Average	4.0	5.0
Shrub Cover	3.0	5.0
Native Perennial Grass Cover	5.0	5.0
Litter Cover	5.0	5.0
Non-Native Plant Cover	10.0	10.0
Species Richness		
- Trees	5.0	5.0
- Shrubs	5.0	5.0
- Grasses	5.0	5.0
- Forbs & Other	2.5	5.0
Coarse Woody Debris	5.0	5.0
Total	59	80

Site Photos:

Transect Start



Transect End



Centre Forward



Centre Right



Centre Back



Centre Left



Site Measurements:

	Height (m)	Cover (%)
Emergent:	0	0
Canopy:	15.1	46.9
Subcanopy:	6	29.4
Shrub:	na	1.3

EDL:	Canopy
% EDL Recruitment:	100

Large Trees:

	No. Large trees	DBH threshold (cm)
Eucalypt:	0	44
Non- Eucalypt:	0	na
Total No. Large Trees per site:	0	
Total No. Large Trees per ha:	0	

Species Richness:

	Native	Non-Native
Trees:	9	0
Shrubs:	5	1
Grasses:	15	2
Forbs & Other:	12	4
Total:	41	7

Non-Native Plant Cover (%):
2.0

Line Intercept:

Strata	Start (m)	End (m)	Total (m)	Strata	Start (m)	End (m)	Total (m)
C	1.5	3.2	1.7	SC	94.9	98.7	3.8
SC	6.8	7.4	0.6				
OTH	7.4	8.0	0.6				
SC	8.8	10.0	1.2				
C	12.7	20.1	7.4				
C	21.9	26.7	4.8				
SC	22.8	27.2	4.4				
SC	28.3	28.5	0.2				
C	31.6	33.4	1.8				
SHR	40.8	41.9	1.1				
C	47.4	48.7	1.3				
SC	47.8	49.8	2.0				
SC	51.8	63.4	11.6				
SC	54.7	57.0	2.3				
C	56.0	63.1	7.1				
C	72.2	76.1	3.9				
SC	74.7	78.0	3.3				
C	78.9	82.4	3.5				
SHR	84.0	84.2	0.2				
C	84.6	100.0	15.4				

E – Emergent, E-E – Emergent Exotic, C – Canopy, C-E – Canopy Exotic, SC – Subcanopy, SC-E – Subcanopy Exotic, SHR – Shrub, SHR-E – Shrub Exotic

	Native	Non-Native
Total Emergent (%)	0	0
Total Canopy (%)	47	0
Total Subcanopy (%)	29	0
Total Shrub (%)	1	0

Coarse Woody Debris:

Total Length (m):	50.2	Total Length (m/ha):	501.5
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Length/s (m):														
1	3.50	6	2.40	11	5.40	16	1.60	21		26		31		36
2	1.20	7	0.50	12	10.50	17		22		27		32		37
3	1.20	8	3.10	13	4.10	18		23		28		33		38
4	4.20	9	1.50	14	4.20	19		24		29		34		39
5	2.45	10	1.60	15	2.70	20		25		30		35		40

Species Lists – Trees, Shrubs, Grasses, Forbs & Other and Non-Natives:

Species		Status	Lifeform and/or Strata
1	Eucalyptus populnea		T, SHR C, SC
2	Acacia excelsa		T C
3	Acacia leiocalyx		T OTH
4	Eucalyptus tereticornis		T, SHR C, SC
5	Eucalyptus crebra		T C
6	Arundinella nepalensis		G
7	Bryophyllum sp.		F, *
8	Corymbia tessellaris		T C
9	Callitris glaucophylla		T SC
10	Aristida caput-medusae		G
11	Aristida jerichoensis		G
12	Aristida calycina		G
13	Other species Grass sp.		G
14	Other species Grass sp.		G
15	Chrysocephalum apiculatum		G
16	Glycine tabacina		F
17	Dianella caerulea		F
18	Sida hackettiana		SHR
19	Eragrostis brownii		G
20	Eragrostis elongata		G
21	Sporobolus creber		G
22	Angophora floribunda		T SC
23	Lomandra leucocephala		F
24	Cyanthillium cinereum		F
25	Other species Forb sp.		F
26	Opuntia tomentosa	Restricted - Category 3	*, SHR
27	Psydrax odorata		SHR
28	Glandularia aristigera	*	F, *
29	Melinis repens	*	G, *
30	Eragrostis sp.		G
31	Cenchrus ciliaris	*	G, *
32	Praxelis clematidea	*	F, *
33	Oxalis sp.		F
34	Brachychiton populneus		SHR
35	Cymbopogon refractus		G

Status: NT – Near Threatened (*Nature Conservation Act 1992*), V – Vulnerable (NC Act), E – Endangered (NC Act), * – Exotic species.
Lifeform: T – Trees, S – Shrubs, G – Grasses, F – Forbs & Other
Tree Stratum: E – Emergent, C – Canopy, SC – Subcanopy, OTH – Other, NN-E – Non-native Emergent, NN-C – Non-native Canopy, NN-SC – Non-native Subcanopy, NN-OTH – Non-Native Other

Cont. Species List – Trees, Shrubs, Grasses, Forbs & Other and Non-Natives:

Species		Status	Lifeform and/or Strata
35	Bidens pilosa	*	*, F
36	Panicum queenslandicum		G
37	Digitaria brownii		G
38	Aristida sp.		G
39	Calotis cuneata		G
40	Alternanthera nana		F
41	Euphorbia sp.		F
42	Pterocaulon redolens		F
43	Hibiscus sturtii		F
44	Sida cunninghamii		F
45	Nyssanthes erecta		F
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Status: NT – Near Threatened (*Nature Conservation Act 1992*), V – Vulnerable (NC Act), E – Endangered (NC Act), * – Exotic species.
Lifeform: T – Trees, S – Shrubs, G – Grasses, F – Forbs & Other
Tree Stratum: E – Emergent, C – Canopy, SC – Subcanopy, OTH – Other, NN-E – Non-native Emergent, NN-C – Non-native Canopy, NN-SC – Non-native Subcanopy, NN-OTH – Non-Native Other

1m x 1m Quadrats:

Quadrat	Native				Non-native		Litter	Rock	Bare-ground	Crypto-grams	Total
	Perennial Grass	Other Grass	Forbs & Other	Shrubs	Grasses	Forbs, Other & Shrubs					
	55	0	0	0	0	0	45	0	0	0	100%
	45	0	0	0	0	0	45	0	10	0	100%
	0	25	2	0	0	0	73	0	0	0	100%
	20	0	0	3	0	0	72	0	5	0	100%
	0	15	1	2	0	0	82	0	0	0	100%
Mean:	24.00	8.00	0.60	1.00	0	0	63.40	0	3.00	0	

7 Appendix D Schedule of Plans

This schedule provides all plans in existence in relation to the EPBC 2023/09585 conditions.

- ARCP Environmental Management Plan, revision 3 dated 28 February 2024;
- ARCP Significant Species Management Plan, revision 3 dated 19 March 2024;
- ARCP Rehabilitation Plan, revision 2 dated 27 February 2024; and
- Offset Area Management Plan, revision 3 dated 2 May 2024.

All management plans have been prepared, approved and implemented.