

ANNUAL COMPLIANCE REPORT

**WOOLOOGA SOLAR FARM, LOWER WONGA
(EPBC 2019/8 554)**

PREPARED FOR: LIGHTSOURCE BP



29/05/2023

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Evolve Environmental Solutions Pty. Ltd.

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Declaration of Accuracy

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

Signed:



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29/05/2023



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1 Introduction & Purpose

Evolve Environmental Solutions Pty Ltd (Evolve) was engaged by **Lightsource bp** (LSbp) to undertake the implementation and management of a Biodiversity Offset Management Plan (OMP) as developed by RPS for the Woolooga Solar Farm: Stage 1 Lower Wonga, Qld (EPBC 2019/8554).

This Annual Compliance Report (ACR) has been prepared by Evolve to provide evidence that the LSbp has complied with the conditions under the *Environmental Protection and Biodiversity Conservation Act 1999* (EPBC Act) when conducting the Project.

1.1 Reporting Period

This ACR details the status and compliance of the Project for the 12-month reporting period between 19 April 2022 to 19 April 2023. The commencement of action dates back to the 19th April 2021, based on Carruthers Contracting mobilizing to site for the road upgrades scope of work, which initiated the construction phase of the project. The reporting period subject to this ACR relates to the maintenance and management stages post offset planting activities and commissioning of the Solar Farm, which took place in early 2020.

1.2 EPBC Approval

LSbp was issued with an approval by the Department on the 19th of February 2021, subject to conditions.

Key details related to EPBC 2019/8554 are provided in **Table 1**.

Table 1: Approval Details

Commonwealth Reference	EPBC 2019/8554
Project Name	Woolooga Solar Farm, Lower Wonga, Queensland
Approval Holder	Lightsource Development Services Australia Pty Ltd
ABN	26 623 301 799
Approved Action	Construct and operate a photo-voltaic (PV) solar facility including solar arrays, switch yards, battery storage, control building, car park area and ancillary infrastructure with a capacity of up to 176 megawatt (MW) on various lots at Lower Wonga, approximately 25 km north-west of Gympie, Queensland
Controlling Provision(s)	Listed Threatened Species and Communities (sections 18 & 18A)
Approval Date	19 February 2021
Expiry Date of the Approval	5 March 2051
Date Commencement of the Action	19 April 2021
Address	Woolooga 1 - Lot 158 LX327, Lots 159 and 90 SP237339 and Lot 157 LX2424; Woolooga 2 Site B - Lot 157 on LX2424; and Woolooga 2 Site A - Lot 232 on LX2383 and Lot 107 on LX562.
Local Government Area	Gympie Regional Council



1.3 Project location

The project is located in South-East Queensland, approximately 25 km north-west of Gympie, Queensland. The Woolooga Solar Farm offset is located across part of Lot 500 on SP331315 alongside Wide Bay Highway, Lower Wonga.

1.4 Objectives of the Offset

In accordance with the EPBC Act approval, the following outcomes are to be achieved through the implementation of the OMP:

- Maintain and improve Koala and Grey-headed Flying-fox habitat across the Offset site;
- Regenerate remnant zones and revegetate non-remnant zones within the Offset site;
- Ensure quality of remnant vegetation is maintained through implementing an appropriately designed Vegetation Management Plan;
- Implement adaptive management techniques to ensure effective ecological outcomes. These will include applying milestone targets and monitoring programs tailored to each management action; and
- Undertake Annual Compliance Report (ACR). The ACR will outline how implementation, management and achievements contribute towards accomplishing the performance and completion criteria

2 Approved Documentation (EPBC)

Approved documents under the EPBC Approval include:

- Biodiversity Management Plan V1.5 21 June 2021
- Offsets Management Plan V8.0 21 June 2021

Following approval of BMP V1.4 (29 January 2021) and OMP V4.0 (20 January 2021), these plans were updated to reflect minor changes in the layout. Refer to attached correspondence to DAWE (now DEECW) dated 24/06/2021 and acknowledgement from DAWE dated 25/06/2021 (Refer **Appendix 2**).

3 Status of Project

3.1 Construction Status

Table 2: Construction Milestones

Milestone	Status
Public Road Upgrades	Completed
Clearing and Grubbing	Completed
Fencing	Completed
Pile/Tracker/Module Installation	Completed
Electrical Installation	Completed
Civil & Siteworks	Erosion & Sediment Control: Completed APZ/Firebreak: Completed Grading (Cut/Fill) – Completed Internal Roads – Completed PCU foundation - Completed
Weather Station	Completed
O&M Building	Completed



3.2 Offset Status

Table 3: Offset Milestones

Milestone	Status
Access and fencing management assessment	Completed / ongoing: Fencing has been reinstated between December and February where failure in fencing was recorded. Ongoing general inspections are undertaken on the Offset site quarterly to identify any further issues that may require remedial action
Weed monitoring and assessment – survey	Baseline has been completed as per previous ACR and the conditions of approval
Habitat management (condition) - survey	Baseline Completed as per previous ACR and the conditions of approval
Revegetation assessment (EMZ 2) – plantings	Completed February 2022
Pest management baseline survey	Completed
Bushfire management planning and assessment baseline	Completed
Offsets Management Plan – Annual Compliance Reporting (ACR)	This Document - Completed
Revisions of Offset Management Plan	No Revisions Required at this stage
Voluntary declaration	Declaration made on 24 January 2022
Project meetings and monthly reporting	Completed/ ongoing
Meetings or Audits with Government	Currently not requested
Koala crossing poles	Koala crossing are planned for installation in June 2023
Weed management	Ongoing
Fire trails and track maintenance and burns	The delineation of fire trails has been updated as per the latest revision of the Bushfire Management Plan (Refer to Appendix 23). The fire trails were accessible and did not contain any significant fuel load (weed incursions) or obstructive vegetation.



4 EPBC Conditions and Compliance

Table 4 documents the compliance with the EPBC Act conditions for the Project for Year 1 reporting period, being 19 April 2021 to 19 April 2022.

Table 4: Compliance Audit of EPBC 2019/8554 Conditions for the Project

No.	Condition	Compliance	Evidence/comments
Part A - Development area			
1	The approval holder must not clear more than 176 ha of Koala habitat and 83.38 ha of Grey-headed Flying-fox foraging habitat within the development area; and must confine any clearing of Koala habitat to the areas shaded in hatched green identifying Koala habitat, as shown in Attachment A; and any clearing of Grey-headed Flying-fox foraging habitat to the areas shaded in hatched blue identifying Grey-headed Flying-fox habitat, as shown in Attachment B.	Compliant	172.2 ha of Koala habitat (confined to areas shaded in hatched green identifying Koala habitat, Attachment A in approval), and 79.8 ha of GHFF foraging habitat (confined to areas shaded in hatched blue, Attachment B in approval) has been cleared. Evolve conducted a site inspection on the 20 th of May 2022 and can confirm the areas for retention have not been cleared of habitat. Refer Plan 1 .
2	For the protection of the Koala and the Grey-headed Flying-fox at the development area, the approval holder must: Refer to Annual Compliance Report – Woolooga Solar Farm, Lower Wonga, Queensland (Evolve Environmental Solutions, 1st of June 2022).		
2 (a)	Ensure that a fauna spotter/catcher is present during all clearing and construction activities and given sufficient authority to ensure that such activities do not cause injury or death of Koalas or Grey-headed Flying-foxes;	Compliant	PCL – Construction site A fauna spotter/catcher was present during all clearing and construction activities between 14 June 2021 to 3 September 2021. Refer Appendix 3 – Confirmation of Koala Spotter, and FSC pre and post clearance reports from AWEC. Evolve - Environmental Offset site A fauna spotter/catcher was present during clearing and construction events occurring between 6 and 15 September 2021. No fauna was captured, injured or killed in the course of clearing works. Refer Appendix 4 - Spotter catcher Pre and Post Clearance reports from Evolve.



No.	Condition	Compliance	Evidence/comments
2 (b)	<p>Clear in accordance with the Nature Conservation (Koala) Conservation Plan 2017 approved under the Nature Conservation Act 1992 (Qld) so as to allow Koalas to safely move out of clearing area and into connected areas of Koala habitat, and implement all provisions for sequential clearing</p> <p>(Note: As we are located in koala District B the following apply-)</p> <p>Part 3 Clearing in particular areas</p> <p>10 Sequential clearing in koala district A or B</p> <p>1. A person clearing koala habitat trees in koala district A or koala district B must ensure the clearing is carried out in a way that complies with the sequential clearing conditions.</p> <p>Maximum penalty—120 penalty units.</p> <p>(2) This section applies in addition to any other requirement applying to the clearing under an Act.</p> <p>(3) In this section— sequential clearing conditions means all of the following conditions— [s 11] Nature Conservation (Koala) Conservation Plan 2017</p> <p>(a) clearing of the koala habitat trees is carried out in a way that ensures koalas on the area being cleared (the clearing site) have enough time to move out of the clearing site without human intervention, including, in particular, for clearing sites with an area of more than 3ha, by— (i) carrying out the clearing in stages; and (ii) ensuring not more than the following is cleared in any 1 stage—</p> <p>(A) for a clearing site with an area of 6ha or less—50% of the site’s area;</p> <p>(B) for a clearing site with an area of more than 6ha—3ha or 3% of the site’s area, whichever is the greater; and</p> <p>(iii) ensuring that between each stage and the next there is at least 1 period of 12 hours starting at 6p.m. on a day and ending at 6a.m. on the following day during which no trees are cleared on the site;</p> <p>(b) clearing of the koala habitat trees is carried out in a way that ensures, while the clearing is carried out, appropriate habitat links are maintained within the clearing site and between the site and its adjacent area, to allow koalas living on the site to move out of the site;</p>	Compliant	<p>Clearing occurred between 14 June 2021 and 1 October 2021. Refer Appendix 5 - Revised Project Program. The weekly reports from PCL show evidence of sequential clearing over this time, with the progress status of clearing and grubbing provided (Refer Appendix 6).</p> <p>The PCL Clearing & Grubbing procedure outlines the progression of clearing activities progressed (less than 3 ha or 3 percent per 24 hours was cleared). As such, it is considered that clearing was carried out in accordance with the conditioned clearing sequencing procedure (Refer Appendix 7).</p> <p>As stated above, evidence of fauna spotter/catcher present at all times during clearing is provided in Appendix 3 and 4.</p>



No.	Condition	Compliance	Evidence/comments
	<p>(c) no koala habitat tree in which a koala is present, and no koala habitat tree with a crown overlapping a tree in which a koala is present, is cleared.</p> <p>And</p> <p>Koala spotter needed for clearing in koala habitat area</p> <p>(1) This section applies to a person clearing, in a koala habitat area, koala habitat trees having a trunk of a diameter of more than 10cm at 1.3m above the ground.</p> <p>(2) The person must ensure the clearing is carried out in the presence of a koala spotter who has the primary role of locating koalas in the trees for the person.</p> <p>Maximum penalty—120 penalty units.</p> <p>(3) This section applies in addition to any other requirement applying to the clearing under an Act.</p> <p>(4) In this section— koala spotter means a person who has qualifications and experience, or demonstrated skills and knowledge, in—</p> <p>(a) locating koalas in koala habitats; or</p> <p>(b) conducting arboreal fauna surveys.</p>		
2 (c)	<p>Install temporary Koala exclusion fencing around any area of construction work, immediately after clearing and prior to the commencement of construction in that area, so as to prevent Koalas entering any area where construction is taking place. The Koala exclusion fencing around any construction area must remain in place until construction activities within that fenced construction area are completed;</p>	Compliant	<p>Installation of temporary koala exclusion fencing around any area of construction is evidenced by the Daily Progress Reports (DPR's) and Weekly Reports issued to LSbp from PCL (Refer Appendix 6). In addition, example photos of temporary installation (Refer Appendix 8) illustrate temporary measures installed post clearing but prior to construction works (demolition of the existing houses).</p> <p>The final koala exclusion fence plan (rev. 6) is provided in Appendix 8 and also displayed in Plan 2.</p>
2 (d)	<p>Implement measures to prevent domestic and feral dogs from entering the development area and adjacent Koala habitat during clearing and construction to minimise the risk to Koalas of predation by domestic and feral dogs at the development area and within the riparian corridor. Such measures must include</p>	Compliant	<p>PCL completes safety and environmental inspections as part of their overall obligations for the Project and HSE obligations. The Project HSE plan has been included which outlines PCL's requirements related to environmental inspections, as well as an</p>



No.	Condition	Compliance	Evidence/comments
	(but are not limited to) prohibition of anyone bringing domestic dogs into the development area and adjacent Koala habitat;		<p>inspection checklist template. This includes inspections of the perimeter to ensure it is secure from access by feral and domestic animals, including dogs (Refer Appendix 9).</p> <p>Specific to feral animal management, the offset baseline was completed in the appropriate timing and pest management activities are occur on the perimeter of the site. Perimeter fencing has been installed to secure the site.</p>
2 (e)	Implement traffic calming measures and ensure that the speed of all vehicles on construction roads in the development area is no greater than 40 km/h at any time (except in an emergency) so as to minimise the risk to Koala of vehicle strike; and	Compliant	<p>A Traffic Management Plan that includes calming measures and ensures that the speed limits are maintained below 40km/h is updated daily and issued to the project site (Refer Appendix 10 - Traffic Plan 12-4-2022).</p> <p>Road signs on the project site ensure that speed limits are maintained below 20km/h (Refer to Photo Plate 2 and 3 within Appendix 11 – Site Photos)</p>
2 (f)	Construct roads consistent with Queensland’s fauna sensitive road design guidelines to minimise the risks to Koalas of vehicle strike. In particular, on roads flanking the riparian corridor or adjacent Koala habitat or waterways, or which cross waterways, safe fauna movement solutions, fauna exclusion/koala proof fencing and local traffic management measures must be implemented in accordance with Queensland’s Koala-sensitive Design Guideline.	Compliant	<p>As this only applies to the road upgrades undertaken on the public road network, the road upgrade designs for the site access points on the northern sites have been provided in Appendix 12 - JJR-1200312A-Site 1 Combined)</p> <p>The area where the road was completed was entirely devoid of vegetation/outside a Koala Habitat Area. The road is a minor road and therefore will have a speed limit of 50km/hr. This is considered compliant with the Queensland’s Koala-sensitive Design Guideline.</p> <p>Koala Exclusion fencing has been installed in between the offset and impact sites to mitigate Koala entry. Small sections on the fencing are earthed to protected from electrical shock as per other conditions of approval of the solar farm, and these areas would make up approximately 1% of the fencing. Some sections of</p>



No.	Condition	Compliance	Evidence/comments
			fencing around the demolition areas are in the final stages of completion.
3	For the on-going protection and rehabilitation of Koala habitat and Grey-headed Flying-fox foraging habitat in the riparian corridor, the approval holder must:		
3 (a)	Retain and manage at least 17.68 ha of native vegetation within the riparian corridor;	Compliant	Evolve conducted a site Audit on the 19 th of April 2022, which found the waterway/riparian areas to be intact as per the condition and Plan 1 . No evidence of vegetation clearing. No evidence of construction access. No evidence of soil disturbance. No evidence of designated riparian buffer zone being infringed or reduced (Refer Appendix 19)
3 (b)	Prohibit construction and operational activities from impacting the native vegetation and habitat values in the riparian corridor ;	Compliant	No flagging/bunting or exclusion fencing were present around riparian zones and no signage determining exclusion or no-go or environmental protection zones were observed during the time of the audit (Refer Appendix 19). However, construction activities that were in progress during the site audit, were restricted to areas with designated road access and between the solar panels. No evidence of native vegetation in the riparian corridor being impacted (Refer Appendix 19).
3 (c)	Construct any watercourse crossings in accordance with Accepted Development Requirements for Operational Work that is Constructing or Raising Waterway Barrier Works;	Compliant	Evolve's site audit revealed that Watercourse crossings have been installed in multiple areas where designated roads cross the riparian buffer. Culverts have appropriate concrete pipes and headwalls. The creek beds appear to be undisturbed (Refer Appendix 20). As per the ACR report from 2022, the culverts have been installed in accordance with the DAF Fisheries permits.
3 (d)	Prior to and during construction, effectively delineate areas where construction is prohibited, using measures including erecting fauna friendly fencing, flagging, bunting, para-webbing or similar, and ensure all workers are aware this is a no-go zone;	Minor Non-Compliant	Exclusion fence as constructed in 2021 around the perimeter of the solar farm is completed and no gaps or enclosure breakages in the fence barrier structure were recorded. However, two fence sections where fauna friendly/koala exclusion



No.	Condition	Compliance	Evidence/comments
			panels at top of fence have been damaged, were recorded (Appendix 21) and require repair. In addition, 116m of koala exclusion panels are absent on the south-east boundary, at the south-eastern entrance of the offset site, where the road easement has been decommissioned.
3 (e)	During construction and operation, ensure weed control is undertaken as specified in the Biodiversity Management Plan; and	Non-Compliance	<p>No clear evidence was found of adequate weed control to target Weeds of National Significance (WoNS) or other environmental weeds, as evidence of vegetation control indicated only a slashing and mowing regime is being applied. As such, no clear evidence of herbicide control practices were recorded, nor evidence of manual removal practices were found.</p> <p>Adequate weed control as per the Biodiversity Management Plan should be adhered to as per Section 6.5 of V1.5 Woolooga Solar Farm – Stage 1 Biodiversity Management Plan (RPS Group, 21 June 2021).</p> <p>2 of the 4 WoNS identified and targeted as per the BMP, were found within riparian corridors and across the Solar Farm Site.</p> <p>Vegetation maintenance and weed management reports have been requested in order substantiate the site audit observations indicating inadequate vegetation management on the Solar Farm site. No maintenance and weed management reports have been provided to Evolve as of yet (26 May 2023).</p>
3 (f)	Prevent any sheep access to the riparian corridor, including erecting and maintaining fauna friendly stock exclusion fencing.	Compliant	LSbp confirmed the last livestock vacated the site on 4 May 2021. Based on landholder (LSbp) accounts, the land was destocked prior to the date the titles were transferred. During the site assessment on the 19 th of April 2023, Evolve found no livestock or evidence of sheep management practices on the site.



No.	Condition	Compliance	Evidence/comments
Part B - Environmental Offset Requirements			
4	To compensate for the clearing of up to 176 ha of Koala habitat and 83.38 ha of Grey-headed Flying-fox foraging habitat, the approval holder must: Refer to Annual Compliance Report – Woolooga Solar Farm, Lower Wonga, Queensland (Evolve Environmental Solutions, 1st of June 2022).		
4 (a)	Commence management activities at the Woolooga Offset Site prior to undertaking any clearing at the development area;	Compliant	Management activities in the form of Bushfire trails planning and baselines assessment commenced in the month of May 2021. Clearing and grubbing on the impact site did not occur until June 2021. Therefore, this condition is considered to be compliant.
4 (b)	Legally secure at least 196.42 ha of land at the Woolooga Offset Site by the end of year 1; and	Compliant	Legal security was made on 24 January 2022 via a voluntary declaration with the Department of Resources (Refer Appendix 16).
4 (c)	Within 20 business days of legally securing at least 196.42 ha of land at the Woolooga Offset Site, provide the Department with written evidence demonstrating that the Woolooga Offset Site has been legally secured (e.g. legal security documentation), and shapefiles of the offset attributes.	Compliant	Written evidence of legal security was provided to the department on 8 February 2022, and confirmation that the department received this documentation is attached (Refer Appendix 16).
Part C - Baseline survey information			
Refer to Annual Compliance Report – Woolooga Solar Farm, Lower Wonga, Queensland (Evolve Environmental Solutions, 1st of June 2022).			
5	By the end of year 1, the approval holder must complete baseline surveys of the entire Woolooga Offset Site. The baseline surveys must be conducted by a suitably qualified field ecologist in accordance with a scientifically valid, robust, and repeatable methodology, and include the following:	Compliant	Refer to Annual Compliance Report – Woolooga Solar Farm, Lower Wonga, Queensland (Evolve Environmental Solutions, 1st of June 2022). Section 5 of this report details the results of the baseline surveys completed by suitably qualified field ecologists at Evolve Environmental Solutions (Evolve), and by a contractor, Invasive Plant and Animal Services (IPAS) by the end of year 1.
5 (a)	Detailed baseline habitat quality assessment data for each Environmental Management Zone;	Compliant	As above, Refer Section 5.
5 (b)	The vegetation condition attributes for each Regional Ecosystem present;	Compliant	As above, Refer Section 5.
5 (c)	The number and condition of Grey-headed Flying-fox winter or spring flowering foraging species present;	Compliant	As above, Refer Section 5.
5 (d)	The Species Stocking Rate;	Compliant	As above, Refer Section 5.
5 (e)	The extent of weed cover;	Compliant	As above, Refer Section 5.
5 (f)	The number of non-native predators and non-native herbivores across, and where possible surrounding, the Woolooga Offset Site;	Compliant	As above, Refer Section 5.
5 (g)	The number of Koala mortalities attributable to non-native predators; and	Compliant	As above, Refer Section 5.



No.	Condition	Compliance	Evidence/comments
5 (h)	The baseline conditions in respect of each of the outcomes specified in conditions 7-12.	Compliant	As above, Refer Section 5.
6	Within three (3) months after the end of year 1, the approval holder must publish on its website a report containing all survey data (including survey methodology and dates) from the baseline surveys required under condition 6 including a program to monitor and report on progress against the ecological outcomes specified in conditions 7-12. A copy of this information and evidence of the date of publication on the website must be provided to the Department within 3 months after the end of year 1.	Compliant	This report containing all survey data from baseline surveys will be published by 5 th June 2022 (within 3 months after the end of Year 1)
Part D - Pest and weed management - Not applicable until year 5 of the Offset			
7	The approval holder must achieve a 90% or greater reduction in the number of non-native predators and non-native herbivores by the end of year 5, relative to the numbers identified during the baseline surveys conducted in year 1, and ensure that the number of non-native predators and non-native herbivores are then maintained at, or reduced below, the year 5 numbers for the remaining period of effect of this approval.	Not applicable	This condition falls outside of the scope of the current reporting period.
8	The approval holder must ensure the extent of weed cover across the whole Woolooga Offset Site is:		
8 (a)	Less than 20% by the end of year 5; and	Not applicable	This condition falls outside of the scope of the current reporting period.
8 (b)	Less than 5% by the end of year 10, and then maintained at 5% or less for the remaining period of effect of this approval.	Not applicable	This condition falls outside of the scope of the current reporting period.
Part E - Stock exclusion			
9	For the protection of Koala habitat and Grey-headed Flying-fox habitat, the approval holder must demonstrate to the Department by the end of year 1 that fauna friendly stock exclusion fencing has been installed around the entire perimeter of the Woolooga Offset Site. The approval holder must ensure that the fauna friendly stock exclusion fencing is maintained so as to be effective in excluding stock and effective for its designed purpose, and that no stock enter the offset site, for the period of effect of the approval.	Not Applicable	Stock exclusion fencing has already been installed prior to the commencement of the offset action. Fencing to keep out cattle must be four strand barbed wire or it only result in Cattle incursion. Neighbours to the offset site were not in favour of fencing that was not barbed, and thus Part F Condition 10 was utilised.
Part F - Barbed wire visibility			
10	For the protection of the Koala (and Koala habitat) and the Grey-headed Flying-fox (and Greyheaded Flying-fox foraging habitat), by the end of year 1 the approval holder must increase the visibility to fauna of perimeter barbed-wire fencing (if used), including by affixing durable visibility tags at every 30 cm interval along the top strand of any perimeter barbed-wire fencing.	Compliant	This action was commenced and completed in January 2022 (Refer Appendix 17). Visibility tags were affixed to the top of the perimeter barb-wired fencing at 30 cm intervals (Refer Photo Plate 1 within Appendix 11).



No.	Condition	Compliance	Evidence/comments
			During the Site assessment on the 19 th of April 2023, the barbed wire perimeter fence was assessed and recorded intact, including areas of improvement following ongoing maintenance and monitoring intervals. All areas of failure from previous surveys have been repaired accordingly. High visibility tags are installed and recorded visible. No evidence of recent livestock access has been recorded. Entire fence-line is accessible and was assessed on foot (Appendix 22).
Part G - Habitat Quality Improvement - Not applicable until year 5 of the Offset			
11	The approval holder must achieve the following outcomes in the Woolooga Offset Site (intact):		
11 (a)	An average recruitment of woody perennial species in the ecologically dominant layer greater than 75% of the benchmark for relevant Regional Ecosystems present by the end of year 5, and subsequently maintain or exceed this outcome for the remainder of the period of effect of the approval;	Not applicable	This condition falls outside of the scope of the current reporting period.
11 (b)	By the end of year 5, the number of large trees greater than 100% of the benchmark for relevant Regional Ecosystems present and subsequently maintain or exceed this outcome for the remainder of the period of effect of the approval;	Not applicable	This condition falls outside of the scope of the current reporting period.
11 (c)	Tree canopy height greater than 70% of the benchmark for relevant Regional Ecosystems present and subsequently maintain or exceed this outcome for the remainder of the period of effect of the approval; 5	Not applicable	This condition falls outside of the scope of the current reporting period.
11 (d)	An average tree canopy cover maintained at between greater than 50% and less than 200% of the benchmark for relevant Regional Ecosystems and subsequently maintain or exceed this outcome for the remainder of the period of effect of the approval;	Not applicable	This condition falls outside of the scope of the current reporting period.
11 (e)	An increase, relative to the baseline habitat quality assessment data, in Koala usage by the end of year 5, and subsequently maintain or exceed this outcome for the remainder of the period of effect of the approval; and	Not applicable	This condition falls outside of the scope of the current reporting period.
11 (f)	An average of at least 5 different Grey-Headed Flying-fox winter or spring flowering foraging species present per hectare by the end of year 5, and subsequently maintain or exceed this outcome for the remainder of the period of effect of the approval.	Not applicable	This condition falls outside of the scope of the current reporting period.
Part H - Habitat creation			
Refer to Annual Compliance Report – Woolooga Solar Farm, Lower Wonga, Queensland (Evolve Environmental Solutions, 1 st of June 2022).			



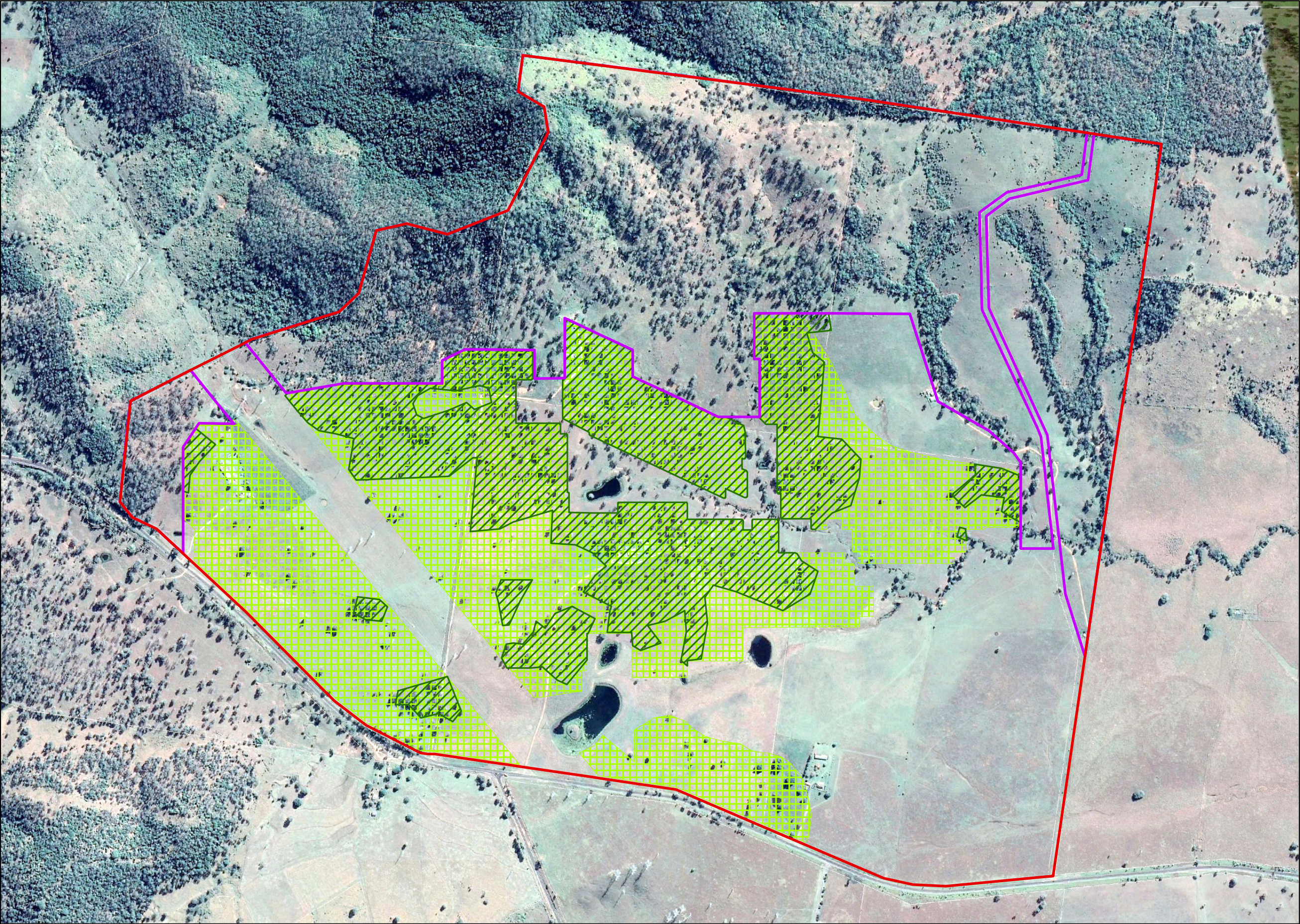
No.	Condition	Compliance	Evidence/comments
12	The approval holder must achieve the following outcomes in the Woolooga Offset Site (regen):		
12 (a)	Recreate the relevant pre-clearing Regional Ecosystem, as identified in the baseline survey, required under condition 6;	Compliant	Plantings were specific to the relevant pre-clearing RE bioregion (Refer Appendix 18 - Tubestock invoices)
12 (b)	Complete all planting of 86.7 ha of new Koala Habitat and Grey-headed Flying-fox foraging habitat by the end of year 1;	Compliant	All planting was completed in December 2021 (Refer Appendix 18 - Progress Report, and Tubestock invoices)
12 (c)	Average recruitment of woody perennial species in the ecologically dominant layer greater than 20% of the benchmark for relevant Regional Ecosystems present, by the end of year 5;	Not applicable until year 5 of the offset	This condition falls outside of the scope of the current reporting period.
12 (d)	Average recruitment of woody perennial species in the ecologically dominant layer at greater than 75% of the benchmark for relevant Regional Ecosystems present, by the end of year 10, and subsequently maintain or exceed that rate of recruitment for the remainder of the period of effect of the approval;	Not applicable until year 10 of the offset	This condition falls outside of the scope of the current reporting period.
12 (e)	The number of large trees at least 25% of the benchmark for relevant Regional Ecosystems present, by the end of year 10;	Not applicable until year 10 of the offset	This condition falls outside of the scope of the current reporting period.
12 (f)	The number of large trees at least 50% of the benchmark for relevant Regional Ecosystems present, by the end of year 20 and this proportion subsequently maintained or exceeded for the remainder of the period of effect of the approval;	Not applicable until year 20 of the offset	This condition falls outside of the scope of the current reporting period.
12 (g)	Average tree canopy cover greater than 10% of the benchmark for relevant Regional Ecosystems present, by the end of year 10, and subsequently maintain or exceed 10% of the benchmark for relevant Regional Ecosystems for the remainder of the period of effect of the approval;	Not applicable until year 10 of the offset	This condition falls outside of the scope of the current reporting period.
12 (h)	Average tree canopy height greater than 25% of the benchmark for relevant Regional Ecosystems present at the site, by the end of year 10, and subsequently maintain or exceed that tree canopy height for the remainder of the period of effect of the approval;	Not applicable until year 10 of the offset	This condition falls outside of the scope of the current reporting period.
12 (i)	An increase, relative to the baseline habitat quality assessment data, in Koala usage by the end of year 5, and subsequently maintain or exceed this outcome for the remainder of the period of effect of the approval; and	Not applicable until year 5 of the offset	This condition falls outside of the scope of the current reporting period.
12 (j)	An average of at least 5 different Grey-headed Flying-fox winter or spring flowering foraging species present in each assessment plot by the end of year 10, and subsequently maintain or exceed this diversity of foraging species for the remainder of the period of effect of the approval.	Not applicable until year 10 of the offset	This condition falls outside of the scope of the current reporting period.



No.	Condition	Compliance	Evidence/comments
13	The approval holder must engage a suitably qualified field ecologist to undertake an assessment, at the end of each of year 5, year 10, year 15, and year 20, as to whether each outcome required under conditions 7-12 has been, or is likely to be, achieved in accordance with the condition requirements, and provide advice of any circumstance/s which they consider is/are affecting the achievement of each outcome. The findings of each assessment must be documented and published on the website within 3 months of the end of the particular period of which the assessment is undertaken and be provided to the Department within 5 business days of being published.	Not applicable until at least year 5 of the offset, and consecutive 5 year intervals.	This condition falls outside of the scope of the current reporting period.
14	If, at any time during the period of effect of the approval, the Minister is not satisfied that any of the requirements and/or outcomes under the conditions of approval, including (but not limited to) conditions 7-12, have been or are likely to be achieved or maintained, the Minister may require the approval holder to submit a corrective action plan for the Woolooga Offset Site for the Minister's approval, or to monitor, manage, avoid, mitigate, offset, record and/or report on, impacts to the Koala and/or the Grey-headed Flying-fox.	Not applicable	This condition is not applicable. The Minister has not required the approval holder to submit a corrective action plan.
14 (a)	The Minister may set a timeframe in which the corrective action plan must be submitted and suitable for approval, may require that the corrective action plan be prepared and/or reviewed by a suitably qualified independent expert and may specify consequences for the approval holder if the corrective action plan is not suitable for approval within the specified timeframe.	Not applicable	This condition is not applicable. The Minister has not required the approval holder to submit a corrective action plan.
14 (b)	The approval holder must implement the corrective action plan approved by the Minister in writing.	Not applicable	This condition is not applicable. The Minister has not required the approval holder to submit a corrective action plan.



Plan 1. Koala and GHFF Habitat Impact



Legend

- Project Area
- Offset Area
- GHFF habitat impact areas (79.8 ha)
- Koala habitat impact areas (172.2 ha)

N
▲

0 70 140 280 420 560 m

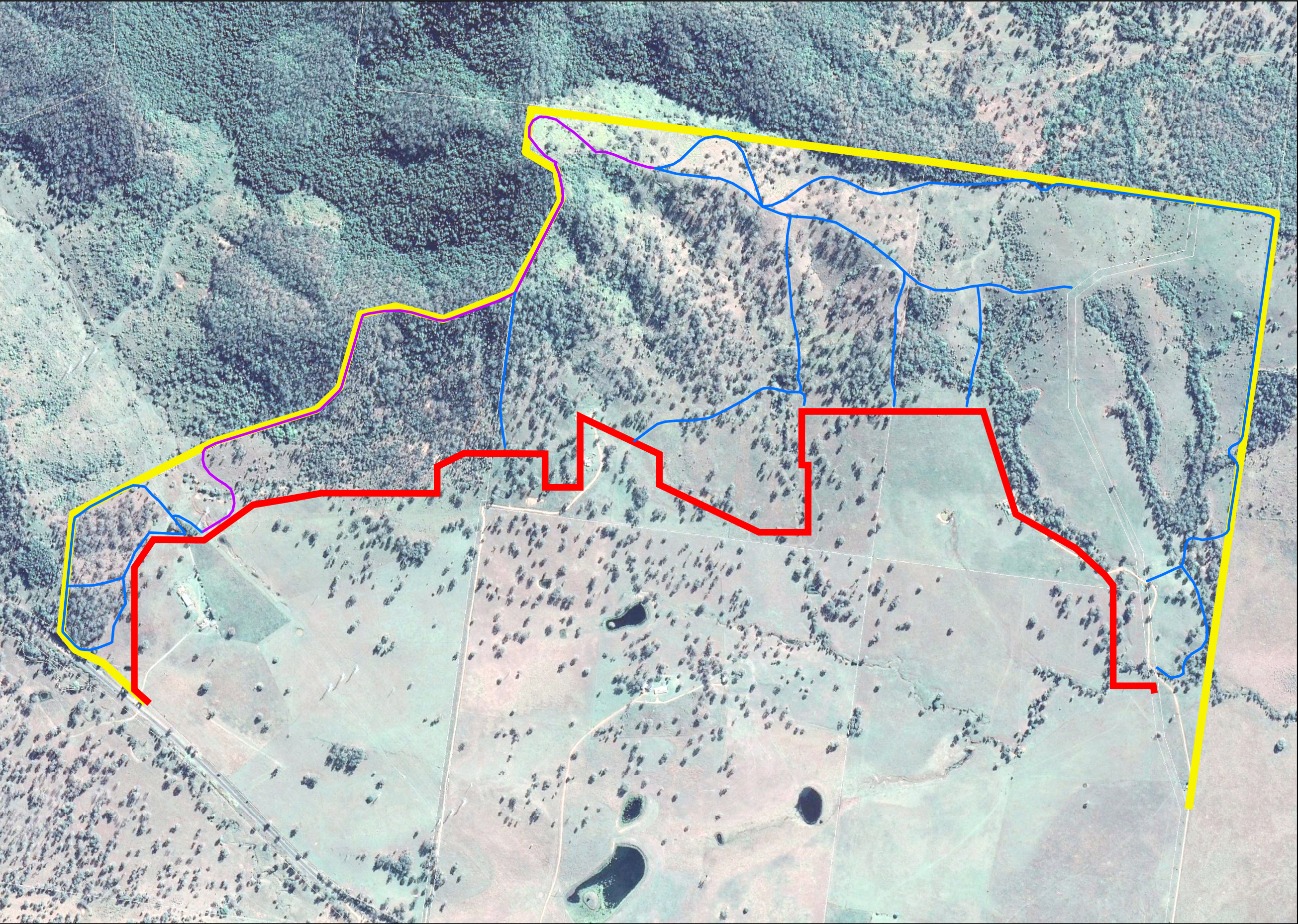
Coordinate System: GDA 1994 MGA Zone 56
Projection: Transverse Mercator



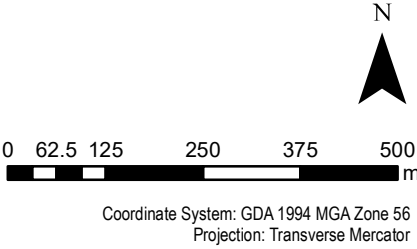
lightsourcebp

Issue	Date	Description	Drawn	Checked
B	28/04/2022	Revised	AL	AH

Plan 2. Fencing and tracks

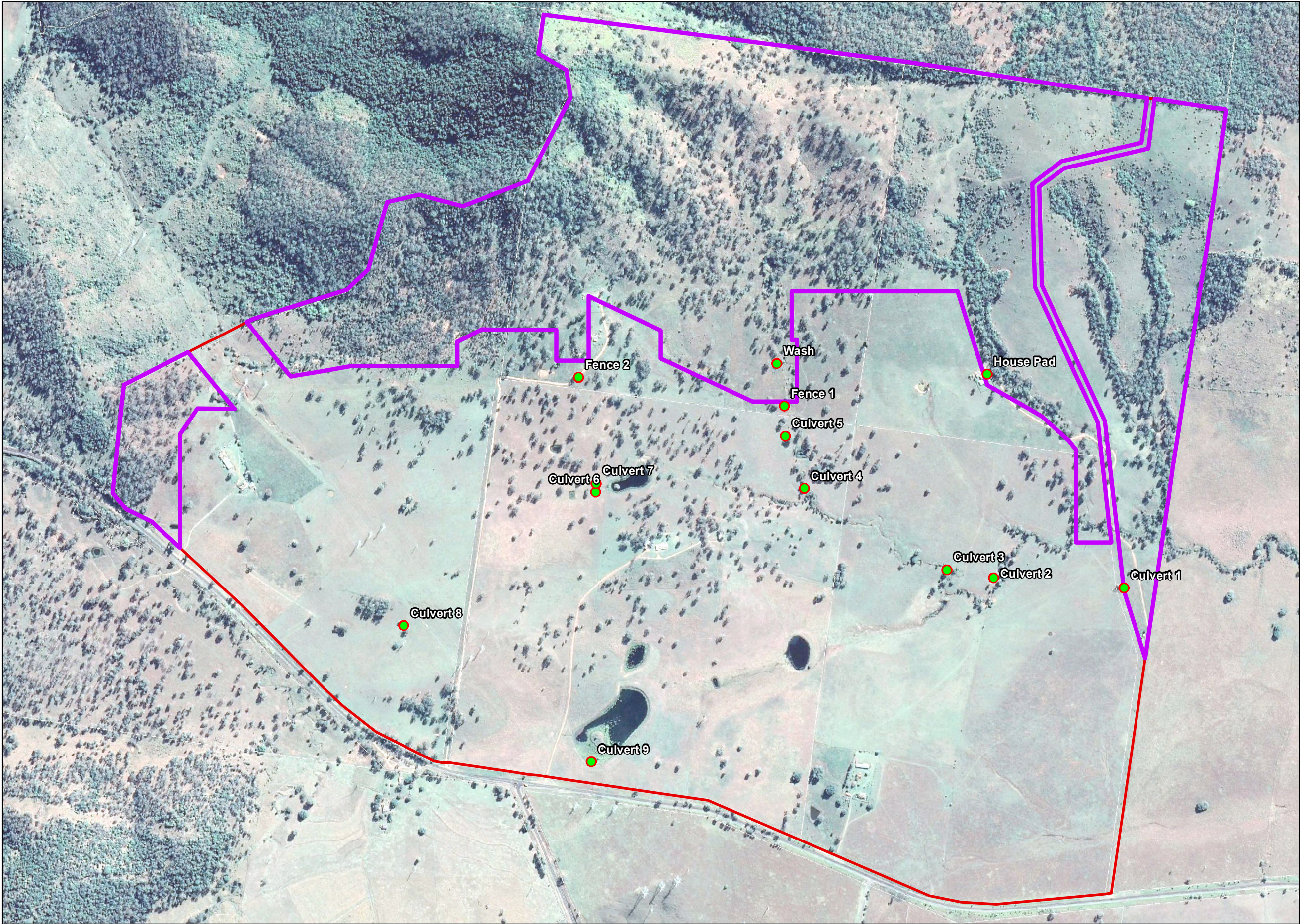


- Legend**
- Class 2 firetrails (7.384 km)
 - Class 3 firetrails (2.241 km)
 - Fauna Friendly Fencing estimated at 6,015m
 - Koala Exclusion Fencing estimated at 4,395m

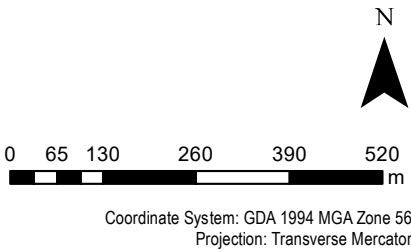


Issue	Date	Description	Drawn	Checked
B	29/05/2023	Revised	AL	AH

Plan 3. Site Audit - observation points



- Legend**
- Offset Area
 - Project Area
 - Photo points



Issue	Date	Description	Drawn	Checked
B	1/06/2022	Revised	AL	AH

5 Annual Compliance Monitoring Survey

In accordance with the EPBC Act approval Annual Compliance Report (ACR) is to be undertaken following a site assessment of relevant compliance conditions. This ACR outlines how implementation, management and achievements contribute towards accomplishing the performance and completion criteria as per conditions 3a, 3b, 3c, 3d, 3e, 3f and 10, as per table 4.

The following sections outline the observations of a site audit of the solar site, in particular referring to Conditions 3 and 10 of Table 4. The Solar Farm site audit was undertaken by **Evolve Environmental Solutions (Evolve)** on the **19th of April 2023**.

5.1 Climatic conditions

Weather conditions for the assessment date are provided below in **Table 5**.

Table 5: Weather conditions during site surveys (Source: www.bom.gov.au). Observations have been drawn from Gympie {station 040093} where available, data entries indicated by a * have been drawn from Tin Can Bay {station 140010}.

Date	Day	Min Temp (°C)	Max Temp (°C)	Relative Humidity (9a)	Rainfall (mm)	hPa
19/04/2021	Wednesday	17.5	25.1	73%	0.6	1026.9

The annual compliance survey was conducted between 7am and 11.30am and focused on the conditions applying to the maintenance construction activities within and directly surrounding the Solar Farm site.

As per the conditions of the Approval, the baseline survey results are provided as per Annual Compliance Report 1, which precedes this report.

9 Appendices

Appendix 1 – Commencement of Action – Weekly PCL report

Appendix 2 – Correspondence with DAWE – OMP and BMP updates

Appendix 3 – FSC pre and post clearance reports – AWEC (refer to ACR1)

Appendix 4 – FSC pre and post clearance reports – Evolve (refer to ACR1)

Appendix 5 – Revised Project Program (refer to ACR1)

Appendix 6 – Sequential Clearing - Weekly PCL Reports (refer to ACR1)

Appendix 7 – Clearing and Grubbing Procedure (refer to ACR1)

Appendix 8 – Final Koala Exclusion Fencing Plan and photos of temporary fencing - Audit 2022

Appendix 9 – Project HSE plan and Inspection Checklist (refer to ACR1)

Appendix 10 – Traffic Plan

Appendix 11 – Site Photos – Evolve Baseline - Audit 2022

Appendix 12 – Road Upgrade Design (refer to ACR1)

Appendix 13 – Delineating no-go zones with Photos and Induction Slides – Audit 2022

Appendix 14 – Waterway Barrier Works DA forms and Culvert Plan

Appendix 15 – Weed Declaration certificate and image of slashing on site

Appendix 16 – Legal security documentation

Appendix 17 – Barbed wire visibility – Evolve progress report

Appendix 18 – Planting completion and planting species – Evolve progress report and Tubestock invoices

Appendix 19 – 2023 Solar Site Audit: Photos of Riparian Corridor

Appendix 20 – 2023 Solar Site Audit: Photos of Waterways

Appendix 21 – 2023 Solar Site Audit: Photos of Solar Farm Boundary Fencing

Appendix 22 – 2023 Solar Site Audit: Photos of Offset Site Boundary Fence Flagging/Bunting

Appendix 23 – AU213004684 Bushfire Management Plan – Woolooga Stage 1 Rev 3. RPS Group

Appendix 1–

Commencement of Action – Weekly PCL report

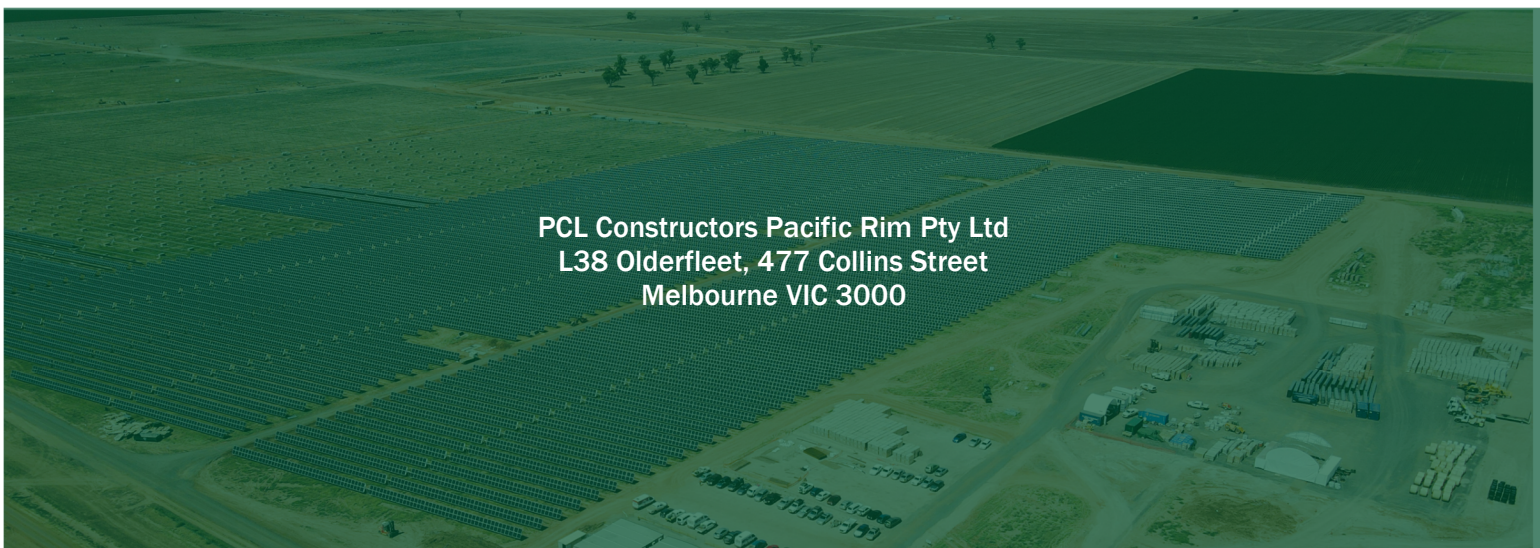
WOOLOOGA Solar

Lightsource BP
Weekly Report No. 6

19 April 2021 – 23 April 2021



CONSTRUCTION



PCL Constructors Pacific Rim Pty Ltd
L38 Olderfleet, 477 Collins Street
Melbourne VIC 3000

1.0 PROJECT STATUS

1.1 CONSTRUCTION UPDATE

SCOPE	COMPLETED THIS WEEK	COMPLETED TO DATE	TOTAL QUANTITY	UOM	% COMPLETED
Main Access Road	0	0	0	EA	0
Clearing and Grubbing	0	0	0	EA	0
Fencing					
Security Fence	0	0	0	LM	0
Security Fence (Koala Friendly)	0	0	0	LM	0
Pile/Tracker/Module Installation					
Piles Installed	0	0	0	EA	0
Tracker (Soft) Installed	0	0	0	EA	0
Modules Installed	0	0	0	EA	0
Electrical Installation					
DC Electrical Install					
DC Trenching - Excavated	0	0	0	LM	0
DC Trenching - Backfilled	0	0	0	LM	0
DC Combiner	0	0	0	EA	0
DC Harnessing	0	0	0	EA	0
AC Electrical Install					
AC Trenching - Excavated	0	0	0	LM	0
AC Trenching - Backfilled	0	0	0	LM	0
PCU Landing	0	0	0	EA	0
PCU Termination	0	0	0	EA	0
Switchgear Landing	0	0	0	EA	0
Switchgear Termination	0	0	0	EA	0
Fibre Install	0	0	0	Block	0
Civil & Siteworks					
Erosion & Sediment Control	0	0	0	block	0
APZ / Firebreak	0	0	0	LM	0
Grading	0	0	0	Block	0
Access Roads	0	0	0	LM	0
PCU foundation	0	0	0	EA	0
Landscaping	0	0	0	LM	0
Weather Station	0	0	0	EA	0
O&M Building	0	0	0	EA	0

1.2 WEEKLY SUMMARY OF PROJECT PROGRESS

SUBCONTRACTOR / SUPPLIER / TRADES	DESCRIPTION OF WORKS	ISSUES ENCOUNTERED (IF ANY)
Subcontractor Site Visits	Carruthers mobilized to site for the road upgrades scope of work.	None.
	Pilecom completed pile probing	

1.3 CONTRACTOR MANPOWER

SUBCONTRACTOR	SCOPE OF WORK	MANHOURS
PCL	EPC	336
Carruthers	Road Upgrades	168
Pilecom	Probing	36

1.4 SAFETY RECORD

INCIDENT TYPE	INCIDENTS THIS PERIOD	INCIDENTS TO DATE
Major Incident	0	0
Minor Incident	0	0
Near Miss	0	0
First Aid Occurrences	0	0
Lost time injuries	0	0

Details of Safety Reports For This Period:

None to note.

Safety Update:

- No incidents to note. All parties adhered to the safety procedures on site and wore the appropriate PPE to conduct the works.

1.5 WEATHER

DATE	WEATHER		WORK STATUS
Monday	Sunny	Low: 10.2 °C High: 26.7 °C	N/A
Tuesday	Overcast	Low: 9.9 °C High: 27.6 °C	N/A
Wednesday	Overcast	Low: 13.0 °C High: 30.8 °C	N/A
Thursday	Sunny	Low: 9.1 °C High: 23.4 °C	N/A
Friday	Sunny	Low: 10.6 °C High: 25.4 °C	N/A

1.6 THIRD PARTY VISITORS (NEIGHBORS, COUNCIL, GOVERNMENT AUTHORITY, ETC.)

NAME OF VISITOR	COMPANY	AGENDA ON-SITE	DATE OF VISIT
None			

SUBCONTRACTOR	SCOPE	STATUS
Carruthers Contracting	Road Upgrades	Awarded
Aussie Environmental	Landscaping Buffer	Awarded
Ford Brothers	Security Fencing	Awarded
TBD	Clearing & Grubbing	Tendering

SCOPE	CRITICAL PATH	LEAD TIME (WEEK)	QTY	UOM	PROJECTED DELIVERY START DATE	PROJECTED DELIVERY FINISH DATE	ACTUAL DELIVERY START DATE	ACTUAL DELIVERY FINISH DATE
PCL SUPPLIED EQUIPMENT								
DC Cable	No							
AC Cable	Yes							
Grounding Cable	No							
Fibre Cable	No							
Combiner Boxes	Yes							
PV String Harnesses	Yes							
PCUs	No							
Switchgear Building	Yes							
Weather Station	No							

[illegible]

3.0 DRAWINGS/DOCUMENTS LOG

3.1 CRITICAL DESIGN/REPORTS LOG

DRAWING/REPORT	STATUS	INITIATED BY	SUBMITTED TO	DATE SUBMITTED
SUM-0005 – HSE Plan	In review	PCL	LSBP	29 March 21
SUM-0007 – Construction Environmental Management Plan	In review	PCL	LSBP	9 April
SUM-0008 Occupational Health and Hygiene Management Plan	In review	PCL	LSBP	9 April
SUM-0009 – Project Execution Plan	In review	PCL	LSBP	9 April
SUM-0010 – Project Quality Control Plan	In review	PCL	LSBP	9 April

3.2 PERMITS

PERMIT	STATUS	DECIDING BODY	DATE SUBMITTED	DATE APPROVED
Building Permit - Fencing	Pending resolution on revised APZ line	Gympie Regional Council		
Powerlink Easement Application - Fencing	Pending resolution on revised APZ line	Powerlink		
Development Permit for Operational Works (Car Parking, Access areas, Off street parking, internal access)	Planning site setup for mobilization (parking, access roads, etc.)	Gympie Regional Council		
Development Permit for Building Works (Buildings, Site Office, Inverter, Transformer Units)	Planning site setup for mobilization (parking, access roads, etc.)	Gympie Regional Council		
Development Permit for Operational Works (Site Works)	Planning site setup for mobilization (parking, access roads, etc.)	Gympie Regional Council		
Demolition – DA Form 2 & Plumbing Permit	To be submitted by 30 April 2021	Gympie Regional Council		
Notice of re-use of existing Dwelling	To be submitted by 30 April 2021	Gympie Regional Council		
TMR Approval for Cable Crossing at Wide Bay Hwy	Awaiting final design documents	Transport and Main Roads (TMR)		
Waterway Barrier Works Permit	Under review as part of logistics planning for site mobilization	Department of Agriculture and Fisheries		

3.3 CONTEMPLATED VARIATION LOG

INITIATED BY	CHANGE ORDERS	STATUS
PCL	PCL to issue RFI for confirmation of specifications for koala fencing, as per the latest BMP. Potential cost impact. Fencing layout to be confirmed to finalize scope and pricing.	Pricing

4.0 RFI LOG

4.1 NEW RFI (REQUEST FOR INFORMATION)

RFI NO.	RFI DETAILS	ASSIGNED TO	DUE DATE
0024	Harmonic Feeder / Battery Storage Requirements	LSBP	11 Feb 2021
0046	Naming Conventions	LSBP	09 Mar 2021
0048	PV Modules Specification Changes	LSBP	15 Mar 2021
0049	Powerlink Runback Requirements	LSBP	17 Mar 2021
0050	Sub-Synchronous Protection	LSBP	17 Mar 2021

5.0 RISK, SLIPPAGE, AND RECOVERY

5.1 CONTRACTOR/OWNER IDENTIFIED RISKS

RISK	SLIPPAGE TO PROJECT SCHEDULE	PCL PLAN FOR RECOVERY
Harmonic filter design	To be determined when design and subsequent requirements (Q@Night) are finalized.	

6.0 PHOTOGRAPHS

To be added when construction activities commence.

Appendix 2—

Correspondence with DAWE – OMP and BMP updates