

Annual Compliance Report Canberra Brickworks Precinct access road and Dudley Street upgrade (EPBC 2017/8072)

01 July 2021 – 30 June 2022

August 2022

Prepared by the Environment, Planning and Sustainable Development Directorate, on behalf of the ACT Government

This report demonstrates how Transport Canberra and City Services (TCCS) and the ACT Parks and Conservation Service (PCS) have complied with the conditions in the approval decision for the Canberra Brickworks Precinct and Dudley Street upgrade development (EPBC 2017/8072). This covers the period 01 July 2021 to 30 June 2022.

Specifically:

- TCCS is responsible for complying with conditions 1, 6 through 12, and 23 through 28.
- PCS is responsible for complying with conditions 2 through 4.
- TCCS and PCS are jointly responsible for complying with conditions 5, 13 through 19, and 21 to 22 in the approval decision.

This report also demonstrates how PCS have implemented the offset management plan for the Budjan Galindji Nature Reserve (previously North Mitchell Grasslands) offset area on behalf of TCCS.

Declaration of Accuracy

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

Signed:

Full Name: Jeremy Smith

Position: Executive Branch Manager, Infrastructure Delivery

Sefle Plean

Organisation: Transport Canberra and City Services Directorate

Date:

Signed:

Full Name: Stephen Alegria

Position: Executive Branch Manager, Parks and Conservation Service

Organisation: Environment, Planning and Sustainable Development Directorate

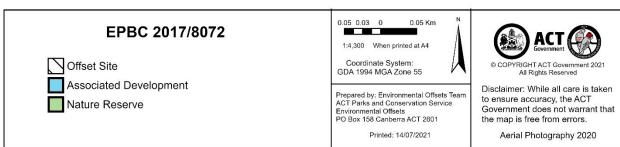
Date: 20 August 2022

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1. Location of the Budjan Galindji Grasslands offset area





2. Compliance with conditions in EPBC Approval Decision 2017/8072 during the 21-22 reporting period

Condition Number	Condition	Responsibility	Compliant / Non-compliant / Not applicable	Description
1	 The approval holder must not: a. clear more than 0.13 hectares of NTG, and impact more than 0.29 hectares in total of NTG (including clearing); b. must not clear more than 2.64 hectares of habitat for the Golden Sun Moth, and impact more than 3.08 hectares in total of Golden Sun Moth habitat (including clearing); c. impact any protected matters outside the development area. 	TCCS	Compliant	Work commenced on site on 28 September 2020. The impacts are no greater than the approved development area.
2	To compensate for impacts on NTG and Golden Sun Moth, the approval holder must, within 6 months of the commencement of the action, submit an Offset Management Plan for the Minister's approval that is consistent with the Offset Strategy.	PCS	Non-compliant (rectified)	The draft Offset Management Plan was submitted on the 26 of May 2021 to the Department, Post Approvals section. The plan was submitted outside the 6-month timeframe. The Department were notified of the delay well in advance via email from the Parks and Conservation Service, as required by Conditions 17 and 18. The final report was approved by the Department on 24 December 2021 and is published on the Offsets Register.
3	The approved Offset Management Plan must be implemented.	PCS	Compliant	The approved plan is being implemented.
4	The Offset Management Plan must be consistent with the Department's Environmental Management Plan Guidelines 2014, and must include: a. The Offset Management Plan environmental objectives, all relevant EPBC Act protected matters, and a reference to the EPBC Act	PCS	Compliant	The Offset Management Plan was submitted in draft, including an appendix detailing the ACT Government Parks and Conservation Service Adaptive Management Strategy, and was consistent with the guidelines, and included all sections a. through g. The <u>final report</u> was approved by the Department on 24 December 2021 and is published on the <u>Offsets Register</u> .

Condition Number	Condition	Responsibility	Compliant / Non-compliant / Not applicable	Description
	approval conditions under which the Offset Management Plan is required; b. Details of a method of legal protection of the Offset Site that satisfies the Department the Offset Site will remain an environmental conservation offset in perpetuity, a commitment to implement that protection, and an enforceable deadline for implementation; c. A table listing all commitments made in the Offset Management Plan, and a reference to where the commitments are detailed in the Offset Management Plan; d. Reporting and review mechanisms, and documentation standards to demonstrate compliance with the Offset Management Plan; e. An assessment of risks to achieving the Offset Management Plan environmental objectives and an explanation and assessment of the risk management strategies that will be applied; f. Any relevant impact avoidance, mitigation, and/or repair measures, and their timing; and g. A monitoring program, which must include: i. measurable performance indicators; ii. the timing and frequency of monitoring to detect changes in the performance indicators;			

Condition Number	Condition	Responsibility	Compliant / Non-compliant / Not applicable	Description
	iii. trigger values for corrective actions;andiv. proposed corrective actions, iftrigger values are reached.			
5	The approval holder must provide GIS shapefiles for the Offset Site before commencing the action. The files must be Geographies using the GDA94 coordinate system, and must include the relevant '.shp', '.shx', '.dbf, and '.prj' files, unless the Department requests the shapefiles be provided in another format. The approval holder must comply with any such request.	TCCS and PCS	Compliant	The GIS shapefile was provided via email to the Department on 21 August 2020.
6	To mitigate impacts on Golden Sun Moth and NTG, the approval holder must submit a Construction Environmental Management Plan for the Minister's approval.	TCCS	Compliant	The Construction Environmental Management Plan was submitted - approved by the Delegate on 22 September 2020.
7	The approval holder must not commence the action unless the Minister has approved the Construction Environmental Management Plan. The approved Construction Environmental Management Plan must be implemented.	TCCS	Compliant	The Construction Environmental Management Plan was approved on 22 September 2020 and was implemented during construction works.
8	The Construction Environmental Management Plan must be consistent with the Department's Environmental Management Plan Guidelines 2014, and must include: a. Details of management measures to ensure: i. all construction equipment and/or machinery is washed thoroughly before entering the development area, so that the equipment and/or	TCCS	Compliant	The Construction Environmental Management Plan was approved on 22 September 2020.

Condition Number	Condition		Responsibility	Compliant / Non-compliant / Not applicable	Description
	ii. iii.	machinery does not introduce weed or pathogen propagules into the development area; soil stockpiles are minimised as far as practical, and soil stockpiles are managed to minimise the risk the stockpiles will act as a vector to introduce weed or pathogen propagules into the development area; weeds that are cleared are not stockpiled and are removed from			
	iv.	the development area as soon as practical to be disposed of at a weed disposal facility; surface water flows are managed to prevent the spread of harmful pollutants and ponding of water in any areas of habitat for the Golden Sun Moth;			
	v. vi.	exclusion zones are established to protect all areas of NTG and/or habitat for Golden Sun Moth that are to be retained; an alternative route will be established and clearly sign-posted			
		for pedestrians and cyclists for the duration of works disrupting access to, and use of, Uriarra Track;			

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9	 b. Enforceable commitments to implement the measures described at Condition 8(a) above, and deadlines for implementation; c. Details of a site induction program to ensure all workers before starting work at the development area are aware of the need to avoid environmentally sensitive areas; d. Reporting and review mechanisms, and documentation standards to demonstrate compliance with the Construction Environment Management Plan. The approval holder must submit within six months of commencement of the action a Construction Compound Rehabilitation Plan for the Minister's approval. The approval holder must have fully implemented the approved Construction Compound Rehabilitation Plan within two years of completion of construction works for the action. 	TCCS	Non-compliant (being rectified)	The Construction Compound Rehabilitation (CCR) Plan has not been submitted for approval within the stated six month timeframe, however the proponent has been in contact with the Department to work through the requirements of the Plan and this plan is in production. The requirements for the Construction Compound Rehabilitation (CCR) Plan have been received from the Department and are being worked through. Native grassing rehabilitation suitable to provide habitat for Golden Sun Moth is clear, with the grass mix approved by the ACT Conservator of Flora and Fauna 29 March 2021. Items not specifically referenced in the conditions are included such as triggers, monitoring and criteria which go beyond the approval wording. It is being resolved how these will be delivered and by which ACT Government Directorate.
10	The Construction Compound Rehabilitation Plan must include measures to revegetate the former	TCCS	Not applicable	This is not applicable yet as the CCR Plan is yet to be submitted.

Condition Number	Condition	Responsibility	Compliant / Non-compliant / Not applicable	Description
	construction compound so that it is suitable to provide habitat for Golden Sun Moth.			The requirements for the Construction Compound Rehabilitation Plan have been received from the Department and are being worked through. Native grassing rehabilitation suitable to provide habitat for Golden Sun Moth is clear, with the grass mix approved by the ACT Conservator of Flora and Fauna 29 March 2021. Items not specifically referenced in the conditions are included such as triggers, monitoring and criteria which go beyond the approval wording. It is being resolved how these will be delivered and by which ACT Government Directorate.
11	The approval holder must notify the Department in writing of the date of commencement of the action within 10 business days of the date of commencement of the action.	TCCS	Compliant	The action commenced on 28 September 2020. The Department were notified via email on 28 of September 2020 of commencement of the action.
12	If the commencement of the action does not occur within 5 years of the date of this approval, then the approval holder must not commence the action without the prior written agreement of the Minister.	TCCS	Not applicable - Compliant	The action commenced within the timeframe.
13	The approval holder must maintain accurate and complete compliance records.	TCCS and PCS	Compliant	TCCS and PCS maintain records as per ACT Government requirements. The 2021-22 annual compliance report will be published on the Offsets Register.
14	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.	TCCS and PCS	Compliant	Documents are supplied as requested.
15	The approval holder must:	TCCS and PCS	Non-compliant (rectified)	All plan submissions have been electronic.

Condition Number	Condition	Responsibility	Compliant / Non-compliant / Not applicable	Description
	 a. submit plans electronically to the Department for approval by the Minister; b. publish each plan (on a publicly available website maintained by the approval holder) within 20 business days of the date the plan is approved by the Minister or of the date a revised plan is submitted to the Department, unless otherwise agreed to in writing by the Minister; c. exclude or redact sensitive ecological data from plans published under Condition 16(b) or provided to a member of the public; and d. keep plans published on the website until the end date of this approval, or as otherwise agreed to in writing by the Department. 			The Offset Management Plan is published on the Offsets Register. Sensitive ecological data was redacted. The Plan was approved on 24 December 2021 and published online on 14 th February 2022. The 20-day timeline was not able to be met due to staff capacity and work to make the document accessible. Aspects of the Construction Environmental Management Plan and Construction Compound Rehabilitation Plan are commercial-in-confidence. The plans also have limited durations. Agreement will therefore be sought from the Department in the Construction Compound Rehabilitation Plan for these plans to not be required to be published on a publicly available website.
16	The approval holder must prepare a compliance report for each 12 month period ending 30 August each year following the date of commencement of the action, or as otherwise agreed to in writing by the Minister. A compliance report must also be prepared for the period from the time this approval is issued until 30 August in that same year, and will be subject to the same requirements as annual compliance reports. The approval holder must: a. publish each compliance report (on a publicly available website maintained by the approval holder) by 30 August each year; b. notify the Department by email that a compliance report has been published under	TCCS and PCS	Non-Compliant (rectified)	This is the fourth compliance report for this approval. The report will be published outside the publication timeframe due to ongoing staffing issues related to COVID-19. This report will be published online on the ACT Government's Offsets Register. Past reports: 2020-21 report – published 23 September 2021 2019-20 report – published 4 September 2020 2018-19 Report – published 26 August 2019

Condition Number	Condition	Responsibility	Compliant / Non-compliant / Not applicable	Description
17	Condition 16(a) within five business days of the date of publication; c. keep all compliance reports publicly available on the website until this approval expires, or as otherwise agreed to in writing by the Department; d. exclude or redact sensitive ecological data from published compliance reports; and e. where any sensitive ecological data has been excluded from the version published, submit the full compliance report to the Department within 5 business days of publication. The approval holder must notify the Department in writing of any: incident; non-compliance with the conditions; or non-compliance with the commitments made in plans. The notification must be given as soon as practicable, and no later than two business days after becoming aware of the incident or non-compliance. The notification must specify: a. the condition that is, or may be, in breach; and b. a short description of the incident and/or	TCCS and PCS	Compliant	The Department were notified on 29 th August 2022 that this report would be submitted outside the timeframes as specified in Condition 16. The Department are also aware that the proponent requires more time for the submission of the CCR Plan.
18	non-compliance. The approval holder must provide to the Department the details of any incident or non-compliance with the conditions or the commitments made in plans as soon as practicable and no later than 10 business days	TCCS and PCS	Compliant	As per above.

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	after becoming aware of the incident or non-compliance, specifying: a. any corrective action or investigation that the approval holder has already taken or intends to take in the immediate future; b. the potential impacts of the incident or non-compliance; and c. the method and timing of any remedial action that will be undertaken by the approval holder.			
19	The approval holder must ensure that independent audits of compliance with the conditions of this approval are conducted as requested in writing by the Minister.	TCCS and PCS	Not applicable	No audit has been requested.
20	 For each independent audit, the approval holder must: a. provide the name and qualifications of the independent auditor and the draft audit criteria to the Department; b. only commence the independent audit once the audit criteria have been approved in writing by the Department; and c. submit an audit report to the Department within the timeframe specified in the approved audit criteria. 	TCCS and PCS	Not applicable	No audit has been requested.
21	The approval holder must publish the audit report (on a publicly available website it maintains) within 10 business days of receiving the Department's approval of the audit report and keep the audit report published on that website	TCCS and PCS	Not applicable	No audit has been requested.

Condition Number	Condition	Responsibility	Compliant / Non-compliant / Not applicable	Description
	until the end date of this approval, or as otherwise agreed to in writing by the Department.			
22	The approval holder may, at any time, apply to the Minister for a variation to a plan approved by the Minister under Conditions 2, 6 and 9, or as subsequently revised in accordance with these conditions, by submitting an application in accordance with the requirements of section 143A of the EPBC Act. If the Minister approves a revised plan then, from the date specified, the approval holder must implement the revised plan in place of the previous plan.	TCCS and PCS	Not applicable	No variation application made.
23	The approval holder may choose to revise a plan approved by the Minister under Condition 6 or 9, or as subsequently revised in accordance with these conditions, without submitting it for approval under section 143A of the EPBC Act, if the taking of the action in accordance with the revised plan would not be likely to have a new or increased impact.	TCCS	Not applicable	Not applicable.
24	If the approval holder makes the choice under Condition 23 to revise a plan without submitting it for approval, the approval holder must: a. notify the Department in writing that the approved plan has been revised and provide the Department with: i. an electronic copy of the revised plan;	TCCS	Not applicable	This has not occurred.

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	ii. an electronic copy of the revised plan marked up with track changes to show the differences between the approved plan and the revised plan; iii. an explanation of the differences between the approved plan and the revised plan; iv. the reason the approval holder considers taking the action in accordance with the revised plan would not be likely to have a new or increased impact; and v. written notice of the date on which the approval holder will implement the revised plan, being at least 20 business days after the date of providing notice of the revision of the plan, or a date agreed to in writing with the Department; and b. subject to Condition 26, implement the revised plan from the date notified under Condition 24(a)(v).			
25	The approval holder may revoke their choice to implement the plan under Condition 23 at any time by giving written notice to the Department. If the approval holder revokes the choice under Condition 23, the approval holder must implement the previous plan approved by the Minister.	TCCS	Not applicable	Not applicable.

Condition Number	Condition	Responsibility	Compliant / Non-compliant / Not applicable	Description
26	If the Minister gives a notice to the approval holder that the Minister is satisfied that the taking of the action in accordance with the revised plan would be likely to have a new or increased impact, then: a. Condition 23 does not apply, or ceases to apply, in relation to the revised plan; and b. the approval holder must implement the plan specified by the Minister in the notice.	TCCS	Not applicable	Not applicable.
27	At the time of giving the notice under Condition 26, the Minister may also notify that for a specified period of time, Condition 23 does not apply.	TCCS	Not applicable	No notice under Condition 26 has been given.
28	Within 30 days after the completion of the action, the approval holder must notify the Department in writing and provide all completion data.	TCCS	Not applicable	The action has not been completed.

3. Report on the Implementation of the Offset Management Plan

Activity	Description (from OMP)	Estimated Timeframe for Completion (as described in OMP)	Actions / Comments (from 01 July 2021 – 30 June 2022)
Maintain current NTG extent	a) 1.46 ha (PCT ACT01.1), andb) 1.91 ha (PCT ACT01.2)- Within the approval period	By 30 June 2032	weed control occurred in these areas.
Maintain and enhance condition of existing NTG	NTG benchmark condition metric ranges that are suitable for SLL, reduce threats – within 5 years	Commencing 2021/2022. Remediation by 2026/2027	 On-going Weed control occurring regularly Seeding of forbs in weed control areas Ecological burn 2021 & 2022
Maintain and improve context of existing NTG	Increase NTG habitat patch size, improve connectivity of vegetation, and reduce threats – within 5 years	Commencing 2021/2022. Remediation by 2026/2027	 On-going Ecological burn 2021 & 2022 Biomass control through mowing and brush cutting Weed control undertaken regularly
Improve GSM habitat context of existing GSM habitat (3.59ha)	Patch metrics (increase GSM habitat patch size, increased patch connectivity) and sampling plot metrics – within 10 years	Commencing 2021/2022. Remediation by 2031/2032	 On-going Weed control Planting of 400 wallaby grass in 2021
Extend GSM habitat into GSM management unit area	Improve GSM habitat quality (see Figure 5 of OMP) within 5 years. Increase GSM extent within 10 years.	Commencing 2021/2022. Remediation for quality by 2026 and remediation of extent by 2031	 On-going Weed control Planting of 400 wallaby grass in 2021 Ecological burn in 2021 & 2022 promoted suitable habitat for GSM.
Remediate spoilt site within defined management unit	nil	Commencing 2021/2022. Remediation by 2031/2032, funding permitting.	On-going Control of the control of t

Activity	Description (from OMP)	Estimated Timeframe for Completion (as described in OMP)	Actions / Comments (from 01 July 2021 – 30 June 2022)
Maintain current Ginninderra Peppercress population and extent	nil	Until 30 June 2032	On-going
Undertake habitat enhancement for Latham's Snipe foraging	nil	Enhancement by 2032	On-going
The primary objective within the BGW is to improve foraging habitat and maintain potential nest trees for Superb Parrot	nil	Commencing 2021/2022. Remediation by 2031/2032	On-going Control of the control of t
Secondary Objective for BGW: Maintain and improve ecological condition of BGW	Improvements should consider Superb Parrot preferences; and reduction of threats (e.g., weeds, biomass)	Until 30 June 2032	 On-going Continued weed control Slashing to reduce biomass and weeds
Third objective for BGW: where actions do not conflict with Superb Parrot habitat management, improve ecological condition of woodland bird habitat	Improve woodland structure; manage nectar availability; reduce threats (e.g., weeds, biomass, vertebrate pests)	Until 30 June 2032	On-going 300 understorey species planted in 2021 & 2022 to improve habitat

Activity	Description (from OMP)	Estimated Timeframe for Completion (as described in OMP)	Actions / Comments (from 01 July 2021 – 30 June 2022)
Mitigation of public land use impacts	 Activities Declarations (which are notifiable instruments under the Nature Conservation Act) must be brought into effect for Budjan Galindji; Activities Declaration signage must be displayed at the entrances to the site. 	1. 2021/2022 2. On-going	 This process has begun (and is ongoing) but was not completed as at 30 June 2022. Signage is part of a large landscape plan project which will be completed in the next 24 months.
Integration with the Canberra Nature Park Reserve Management Plan	Manage Budjan Galindji as part of Canberra Nature Park in accordance with the Canberra Nature Park Reserve Management Plan and other relevant ACT legislation, policy, strategies, and plans.	On-going	Budjan Galindji is managed in alignment with legislation, policies, strategies, and plans, including the CNP RMP.
Engagement with Ngunnawal community	Work with the Dhawura Ngunnawal Caring for Country Committee to: 1a. To identify and implement Ngunnawal cultural values and aspirations for the management of the Reserve. Identify the Ngunnawal tangible and intangible values; 1b. Investigate options for implementing Ngunnawal cultural practices within grassland management; 1c. Recognise men's and women's business and culturally sensitive areas within Budjan Galindji if applicable. 2. Work with the Winanggaay Ngunnawal Language Group to implement a Ngunnawal name for the Reserve. 3. Adhere to the ACT Aboriginal and Torres Strait Islander Agreement 2019- 2028 (ACT Government	On-going	 (a through c): Ngunnawal engagement will be an ongoing opportunity for PCS. The creation of and implementation of the Landscape Plan will involve Ngunnawal engagement. This has been completed. The Dhawura Ngunnawal Caring for Country Committee and Winnagaay Ngunnawal Language group was engaged, and members taken on site. From this process, the current name "Budjan Galindji" was chosen. These words mean "Water bird" and hold significance to the Latham Snipe that migrates from Japan to North and East Coast of Australia including Canberra. This Ngunnawal name will be the sites official name going forward. Ongoing.

Activity	Description (from OMP)	Estimated Timeframe for Completion (as described in OMP)	Actions / Comments (from 01 July 2021 – 30 June 2022)
	and Aboriginal and Torres Strait Islander Elected Body, 2019) and the Ngunnawal EPSDD action plan phase one extension (ACT Government, 2019f) (Has to be implemented by Dec 2021).		
Management of heritage values	 Undertake a Cultural Heritage Assessment of the Aboriginal heritage values of the Reserve, using the services of a qualified archaeologist and Representative Aboriginal Organisations. ACT Heritage Council advice needs to be obtained for all proposed operational or habitat restoration works which could potentially impact Aboriginal places or objects. Heritage Act 2004 approvals may also be required where activities may damage Aboriginal places or objects, as identified in Council advice or heritage assessments. Under the Heritage Act 2004, all Aboriginal heritage discoveries must be reported to the ACT Heritage Council (heritage@act.gov.au) within five working days. Any activities that may 	2/2023 Ongoing Ongoing	These are ongoing and are being applied as necessary. The cultural heritage assessment is underway.
	impact the discovered site are to stop to allow for heritage assessment and management.		
Bushfire risk mitigation	 During the ACT fire season (October-March, subject to seasonal variation), maintain biomass to ACT Bushfire Fuel Management Standards as described within the ACT Strategic Bushfire Management Plan 2019-2024 (SBMP) (ACT Government, 2014). Any changes of management practices following a review of the SBMP must be implemented. 	On-going	 Slashing occurs each fire season in the designated zones Eco-Burn FB625 was undertaken and completed Autumn 2022

Activity	Description (from OMP)	Estimated Timeframe for Completion (as described in OMP)	Actions / Comments (from 01 July 2021 – 30 June 2022)
Annual reporting	Fulfil all reporting commitments as identified in the Budjan Galindji offset approval (ref. 2017/8072, ACT Government, 2019a)	Annually by 30 th August	As per conditions of approval report in this document.
Annual review of OMP	Annual/technical review and evaluation of the Budjan Galindji OMP and budget.	Annually	Annual internal (PCS) operational/planning review of Budjan Galindji condition and management. Conducted as component of annual operational planning as part of PCS Offsets adaptive management process. Will occur in following years.
Full OMP review	The full Budjan Galindji OMP will be reviewed and updated in 2026.	2026	Not yet due.
Manage Pest Plants	 Continue the existing pest plant control program at Budjan Galindji and in the nature strip, including targeted management of Phalaris and African Lovegrass. Carry out regular field investigations to identify the location of any pest plant incursions. Maintain accurate records for all pest plant operations and control programs. Control weeds if they pose a threat to the GP populations. 	Until 30 June 2032	 Weed control has continued as required – undertaken by suitably qualified contractors. Additional weed control is also undertaken by the Park Care volunteers and Parks and Conservation Staff. Weed control was conducted in the offset area during the reporting period. Weeds controlled included Serrated Tussock, African Lovegrass, St. John's Wort, Broadleaf, Chilean Needlegrass, and Blackberry
Manage Pest Animals	 Continue the existing vertebrate pest control program at Budjan Galindji. Carry out regular field investigations to identify vertebrate pest incursions. Maintain accurate records for all vertebrate pest operations and control programs. 	Until 30 June 2032	No kangaroo monitoring or management undertaken at this site. No other vertebrate pests an issue at this time.
Manage appropriate herbage mass disturbance regime	Maintain biomass in accordance with MNES species requirements ¹ and to meet <u>ACT Bushfire Management Standards and offset requirements.</u>	Until 30 June 2032	Biomass is being maintained.

Activity	Description (from OMP)	Estimated Timeframe for Completion (as described in OMP)	Actions / Comments (from 01 July 2021 – 30 June 2022)
	 Avoid slashing within 5m of GP management units within the NTG. Avoid eco-burns within the GP management units unless part of the GP fire response experiment. 		
Manage identified human land use impacts	PCS staff must follow the 'On track' vehicle policy. No vehicle should enter the Reserve after heavy rain events. Only essential vehicles will enter the Reserve.	Until 30 June 2032	Ongoing.
Manage nature strip	PCS must negotiate with TCCS regarding nature strip management (i.e., landscape design elements and ongoing mowing regime).	Until 30 June 2032	Weed control was conducted along the nature strip to the Offset boundary fence during the reporting period. Weeds controlled African Lovegrass, and Chilean Needlegrass
Trails and tracks	Establish tracks and trails within Budjan Galindji in appropriate locations outside of high quality MNES areas.	Initiation 2022/2023	Not yet due.
Development of seed production garden beds	Develop a seed production garden bed for grassland restoration in Budjan Galindji (Figure 4). The development of the seed production garden bed must be compatible with the targets for the Superb Parrot management unit.	Initiation 2021/2022	Seed production area was setup in 2021. Continued maintenance and expansion occurring in 2022.
Gate and fence infrastructure	 Establish new gates in appropriate locations outside of MNES areas with the aim to improve safe management access to the site. Establish an appropriate outer fence line and maintain existing fencing along the reticulated sewer line. 	2022/2023	New fence, vehicle gate and pedestrian access constructed in 2021 for the seed production area to the north. Further gate and fence infrastructure will occur with the implementation of the landscape plan over the next 24 months.
Signage	Design, construct and install reserve signage to identify the Reserve to the public including userelated information.	2021/2023	New signage for the seed production area installed 2022. Further signage will occur with the implementation of the landscape plan over the next 24 months.

Activity	Description (from OMP)	Estimated Timeframe for Completion (as described in OMP)	Actions / Comments (from 01 July 2021 – 30 June 2022)
Restoration planning	Undertake restoration planning for each of the management units within Budjan Galindji.	2022-On-going	Conducted as a component of annual operational planning and the PCS Offsets Adaptive Management Process. Includes planning and implementation of biomass management including controlled burns (BOP process) and slashing, restoration and improvement towards offset commitment targets for NTG and GSM habitat through seeding, planting and targeted weeds management.
Maintain NTG and improve native pasture	 Use slashing and eco-burns to manage herbage mass within the NTG/native pastures management zone as as per the EOAMS (ACT Government, 2021)¹. Plant and seed native grassland species in disturbance areas (e.g., weed control areas) and record in RAPID. 	 On-going Initiation 2021. Until 30 June 2032 	Ongoing. Eco-Burn FB625 was undertaken and completed Autumn 2022
Increase the quality and extent of GSM habitat	 Undertake habitat improvement for GSM within the GSM (restoration areas) management units (Figure 6), as per the EOAMS (ACT Government, 2021) ¹. Use slashing outside of the GSM flying season to manage biomass within the GSM management units as per the EOAMS GSM metrics (ACT Government, 2021)¹. Only undertake eco-burns within current GSM management units (see Figure 6Figure 5) as part of an experimental research program. Plant and seed GSM preferred food plants (ACT Government, 2017c) in disturbance areas (e.g., weed control areas). 	 Initiation 2021. Until 30 June 2032 Initiation 2021. Until 30 June 2032 Initiation 2022/2023. Until 30 June 2032 	Ongoing. Progress on this will be able to be reported on further in the 22/23 report.
Restore the spoil site to GSM habitat	 Remediate spoil site management unit Plant and seed GSM preferred food plants within the spoil site. 	1. Initiation 2022/2023. Until 30 June 2032	Not yet occurred.

Activity	Description (from OMP)	Estimated Timeframe for Completion (as described in OMP) 2. Commencing 2022 until 30 June 2032	Actions / Comments (from 01 July 2021 – 30 June 2022)
Riparian restoration	 Undertake weed control within the wetland management unit Revegetate riparian vegetation within the riparian area of the wetland management unit, with the aim of preventing weed incursion into the GSM habitat Undertake habitat enhancement for Latham's Snipe foraging 	 Commencing 2022 until 30 June 2032 Commencing 2022 until 30 June 2032 Commencing 2021/2022. Improvement by 2031/2. 	Site preparation underway in drainage line to plant with riparian type species to reduce Phalaris spread.
BGW improvement	Undertake habitat improvement for Superb Parrot and woodland birds.	2022-On-going	300 understorey species planted in 2021 & 2022 to improve habitat, with slashing and weed control also occurring.
MNES values (monitoring)	Monitor MNES values in accordance with the M&R Plan (ACT Government, 2017b). For details see the Environmental Offsets Ecological Monitoring Program Report 2018-19, (ACT Government, 2020b)	As specified in the M&R Plan.	 GSM population and habitat quality was monitored by external contractors in 2018, and monitored by PCS ecologists in 2019, 2020 and 2021. In 2020 an additional 200m of area was added to the population transect survey area to cover more areas of suitable habitat. These surveys will be continued in various years as per the OMP. SLL population and habitat quality monitored in 2019, 2020 and 2021. The offsets team use this site as a reference for SLL surveys, and it will likely be surveyed annually (or at least as per the OMP) until 2034. Floristic and understorey structure monitoring for grassland and woodland plots were undertaken by offsets in-house ecologists in 2019, 2020 and 2021. Floristic monitoring will be undertaken again in 2025.

Activity	Description (from OMP)	Estimated Timeframe for Completion (as described in OMP)	Actions / Comments (from 01 July 2021 – 30 June 2022)
			 BGW structural attributes were monitored in 2019, and will be monitored again in 2025. Understorey structure and weed monitoring began in 2019, and will continue annually at the site to inform grazing, fire and other management programs. Ginninderra Peppercress (GP) was monitored and mapped by Conservation Research ecologists in 2015 and 2017, and by the Offsets Monitoring team in 2020, 2021 and a final year of baseline data collected in February 2022. GP will continue to be monitored annually where able, or at least in essential years as specified in the OMP. Seasonal woodland bird surveys were monitored in 2019 and 2020, 2021 with 3 year baseline data collection completed in Winter 2022. Future survey intervals are to be decided, with 3 or 5 yearly survey intervals likely.
Monitoring weed threats and biomass	Monitor weed threats and biomass in accordance the Herbage Mass Guidelines (ACT Government, 2020c), M&R Plan Monitoring Schedule (ACT Government, 2017b) and as detailed in the Environmental Offsets Ecological Monitoring Program Report 2018-19 (ACT Government, 2020b).	Until June 2033	Weeds and biomass are monitored annually as part of understorey vegetation monitoring at nine monitoring points, which was undertaken in 2019, 2020, 2021 and will be undertaken again in spring/summer of 2022.
Spoil site monitoring	Develop a monitoring program to monitor progress within the spoil site.	2022/2023	To occur after 2022.
Vertebrate Pest Monitoring (rabbit, cat, & fox)	Develop a monitoring program to identify vertebrate pests.	2022/2023	Not yet due.

Activity	Description (from OMP)	Estimated Timeframe for Completion (as described in OMP)	Actions / Comments (from 01 July 2021 – 30 June 2022)
Monitoring vegetation change	 Measure vegetation boundary change and the Plant Community Type (PCT) score (in equivalent weather conditions to past measures if possible). Assess vegetation boundary when the vegetation community is remeasured compared to baseline data. Measure GSM habitat boundary change and quality (in equivalent weather conditions if possible). 	 2026/7 (weather permitting) 2026/7 (weather permitting) 2026/7 (weather permitting) 	Both PCT vegetation and GSM habitat mapping will be next undertaken in 2025, and results used to reassess whether there has been any boundary change.
Corrective action monitoring	Undertake monitoring in the GSM management units prior to management corrective actions being undertaken.	Until June 2033	Monitoring of GSM population will be undertaken annually as per the OMP to provide appropriate ecological advice prior to any required corrective action being undertaken. This has not occurred yet.
Research GP response to fire	Undertake experimental research into GP response to fire.	Until June 2033	Research questions and monitoring is being planned with Conservation Research with assistance from the offsets monitoring team. The timeline for this is to be finalised.
Research Perunga Grasshopper	Record Perunga Grasshopper GPS locations, habitat, timing, and conditions for future habitat analysis of habitat requirements within developed app.	Until June 2033	Opportunistic records of Perunga Grasshopper are recorded digital survey technology, including details such as GPS, habitat condition and the time of day. Currently, there are no formal survey methods for the monitoring of this species.