



Delivery of offset commitments for the Bonner 4 East environmental offset site (EPBC 2010/5648)

Report for the Australian Government Department of Sustainability, Environment, Water, Populations and Communities

April 2014

This report demonstrates how the ACT Government has complied with the conditions in the approval decision for Ngunnawal Estate 2C (EPBC 2010/5648). This includes how the Territory and Municipal Services Directorate (TAMS) has implemented the management plan for the Bonner 4 East environmental offset site on behalf of the Land Development Agency (LDA) (the proponents).

1. Compliance with EPBC Approval Decision

Condition	Description
1.	Complete. The offset management plan is published on the TAMS website .
2.	The civil contractor took possession of the development site on 19 th June 2012 to commencement construction.
3.	The offset area is being managed in accordance with the offset management plan.
4.	-
5.	This report fulfils the requirements under condition 5 in the approval decision.
6.	-
7.	Please refer to the TAMS website .
8.	The ACT Parks and Conservation Service is maintaining all information on the implementation of the actions in the offset management plan.
9.	-

2. Implementation of the Offset Management Plan

Dates	Activity	Description	Expenditure (ex. GST)	PCS contribution
August 2012	Incorporation of the offset into the reserve system	The Bonner 4 East environmental offset site has been gazetted as nature reserve and forms part of the Mulligan's Flat Nature Reserve.	-	-
-	Biomass management	The biomass within the offset site is being managed at levels suitable for the golden sun moth and from a bushfire fuel management perspective.	-	-
Multiple events	Weed control	A weed control program is in place focusing on controlling all highly invasive weed species. Particular focus has been on serrated tussock, Paterson's curse and scotch and saffron thistle.	\$10,018.78	\$5344.34
-	Pest animal control	One rabbit warren was observed within the offset area. Control measures have been implemented. The block is too close to urban areas to control foxes with 1080, however fox control is undertaken within the broader Mulligans Flat Nature Reserve.	-	-
Spring 2013	Erosion	Minor erosion control measures implemented within northern section of offset area.	-	In kind contribution
-	Access	Block 16, Section 2 Bonner has recently been transferred to TAMS from the LDA. A walking track linking the adjacent urban park to the existing trail in Mulligans Flat Nature Reserve is still planned (refer to Figure A). This will improve local access to the Mulligans Flat Nature Reserve for the local residents, while avoiding any direct impact on the golden sun moth habitat within the offset site. Stiles were purchased to enable access to the walking track.	\$4709.09	-
-	Interpretation	Golden sun moth interpretation signs, located in the urban park adjacent to the offset (funded by the LDA), are almost complete. Additional interpretation signs will be installed at the southern end of the offset site as part of a broader interpretation program for matters of national environmental significance planned within the Gungahlin area. It is expected that this program will be rolled out over the next couple of years.	-	-
Spring 2013	Floristic survey	The three rare plants previously recorded are yet to be located. Additional surveys will be undertaken in spring 2014.	-	In kind contribution
On-going	Staff resources	TAMS are currently supporting 0.1 FTE field staff position to roll out the management plan for the Bonner Offset Site.	-	\$25,652.40
		Total expenditure	\$14,727.87	\$30,996.74
		Funds remaining from the Bonner offset account	\$154,873.27	

Figure A: A walking track linking the adjacent urban park to the existing trail in Mulligans Flat Nature Reserve



Future management actions (by 30 April 2015):

- Continue with weed control program.
- Monitor for presence of pest animals and control as required.
- Biomass levels will be assessed leading up to the golden sun moth flight season and action will be undertaken to reduce biomass to levels suitable for golden sun moth if required.
- Thinning of *Eucalyptus* regrowth may be needed to maintain the open grassland structure required by the golden sun moth. A decision to reduce the cover of *Eucalyptus* regrowth will only be made following advice from ACT Government ecologists. All necessary approval processes will be followed.
- Construct walking track linking urban open space with Mulligans Flat Nature Reserve.