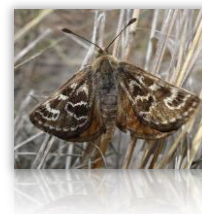


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Landowner of offset site	Ian and Trish Taylor
Location and address of offset site	“860 Paddock” Warrambeen Pty Ltd, Rokewood – Shelford Rd, Shelford.
Interested Party	Dacland
Offset site reference number	
Responsible Authority	Golden Plains Shire, DoE and DELWP
Report number / Year Start Year	Year 1 / 2016 2015
Type of Offset Size of Offset	Vegetation 6.58 Ha
Signature	
Date	6/04/2017

Information to be included:

- A copy of the Management Action Table from the OMP with information on which actions have been completed for the year/s of this reporting period;
- A description of the specific monitoring results from surveys undertaken for vegetation/flora species;
- Fencing work;
- Success of weed and pest animal control work;
- Successful management tools (i.e. techniques used to control weed species, protection of new plants, monitoring technique, etc.);
- Any problems or issues experienced (i.e. new infestation of weed species, storm damage to fencing, etc.)
- Include any corrective actions and contingency measures where monitoring indicates that there has been a degradation in the native vegetation and Golden Sun Moth population and habitat; and,
- Provide any photographs showing evidence of works.

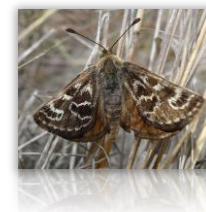


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Summary of Independent Monitoring Report

(Excerpt from Brett Lane and Associates December 2016)

Weed species including Spear Thistle, Clover, Oat and Soft Brome contribute approximately 25% vegetation cover in the offset site. Under the offset plan (BL&A 2015), to achieve site gain all weeds are required to be controlled such that their cover does not increase beyond the current level. In addition to this, there are obligations for land managers under the Catchment and Land Protection Act 1994 with respect to eradicating regionally prohibited weeds and preventing the growth and spread of regionally controlled weeds.

Compared to the baseline survey, some of the weed species disappeared or were not detected in the Stage 1 area, including high threat weeds such as Horehound and Serrated Tussock. The weed cover of the high threat Spear Thistle decreased from 10% in December 2015 to less than 1% cover in late November 2016. An increase cover was observed for clover (*Trifolium spec*), which showed a cover of 15% in the Stage 1 area and Oat (4%)

A few additional weed species such as Soft Broome and Yorkshire Fog were recorded on the site.

Overall the weed cover is very low and management actions have been effective to keep it low. Focus of the next year's management should be on controlling clover and oat within the site.



Fencing work

Fencing undergoes regular checks and maintenance as per the Farm program, all are in good condition and stock proof.

Success of weed and pest animal control work

Biomass Control:

- Crash grazing with sheep occurred throughout the winter.
- Serrated Tussock: - Sprayed with Round up and wetting agent in a grid formation.
- Assessment of the site (BL&A) found that the current grazing pressure at the time of the survey was low, suggesting appropriate timing and extent of biomass reduction of the past 12 months since the previous survey of this site.
- No signs of pugging.

Weed Cover / Control:

- During monitoring Serrated Tussock and Sweet Briar were recorded on site at very low levels. Spear Thistle was recorded at relatively low cover compared to previous years, possibly due to survey timing.

Mr Phil Sparkes was engaged to grid spray the paddock.

- Fluroproponate, Round Up and colour dye.
- Low numbers of serrated tussock found.
- Very happy with current level of control.

Fox and Rabbit Control:

- Ongoing Bi Monthly shooting programme maintained with registered shooter.
- The anecdotal evidence of Brown Hare, European Rabbit or Red Fox detected during the pest animal survey was extremely low.



Successful management tools

(i.e. techniques used to control weed species, protection of new plants, monitoring technique, etc.)

The combination of Grid Spraying in spring and crash grazing in the dryer months is proving to be successful in reducing Biomass and weed control.

Problems or issues experienced

(i.e. new infestation of weed species, storm damage to fencing, etc.)

The coming year we will have to concentrate our efforts on reducing clover and oats within the offset paddock.

There has been a small emergence of Soft Broome and Yorkshire Fog weeds. Monitoring will now include these weeds and ensure that they do not grow to out of control proportions.

Corrective actions and contingency measures

(Where monitoring indicates that there has been a degradation in the native vegetation and population and habitat)

Not Applicable

Photos

Photographs on USB stick are available on request.

Management Plan 2017

Targets

- No soil pitting caused by sheep.
- Vegetation cover to remain >10cm high with no more than 30% bare ground
- High threat weed cover benchmark not exceeded
- Overall weed cover benchmark not exceeded
- Maintain integrity of fencing



Attachments

Management action tables

The following tables identify specific management actions and targets pertaining to the management of the proposed offset.

Table 1: Year 1 actions

Management Action	Timing	Target to be achieved	Responsible person	Completed (Yes/No)	Month and Year Completed
Estimate the following conditions: - Overall weed cover; - cover of each weed species; - cover of each high threat woody weed species Refer to Error! Reference source not found. for cover of weed species	Commencement of plan	- Overall weed cover benchmark* documented; <i>High threat</i> woody weed cover benchmark* documented; - Cover of each weed species listed in Error! Reference source not found. documented; - Cover of each <i>high threat</i> woody weed species listed in Error! Reference source not found. documented.	Warrambeen Gumley Land Trust	YES	JULY 2016

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Management Action	Timing	Target to be achieved	Responsible person	Completed (Yes/No)	Month and Year Completed
Check fencing around paddock.	Commencement of plan	Fencing must prevent entry of threatening herbivores.	Warrambeen Gumley Land Trust	YES – PART OF ROUTINE FARM M'MENT	2016
Rabbit Control to be carried out if required – Fumigate and collapse burrows where present.	Late Summer/Autumn	<5% survival of target; <2% death of non target species.	Warrambeen Gumley Land Trust	BI MONTHLY SHOOTING	2016
Weed control: - Treat <i>high threat</i> woody weeds as per Error! Reference source not found.; - Treat other weeds species if required.	Spring	- Cover of each <i>high threat</i> woody weed species reduced to <1%; - Cover of each weed species maintained at current level <i>High threat</i> weed cover benchmark* not exceeded; - Overall weed cover benchmark* not exceeded.	Warrambeen Gumley Land Trust	YES	2016



Management Action	Timing	Target to be achieved	Responsible person	Completed (Yes/No)	Month and Year Completed
Monitoring: - Estimate overall weed cover and cover of each <i>high threat</i> [woody] weed species (refer to Error! Reference source not found.); - Establish photo points - Assess integrity of offset zone fencing; - Assess level of grazing pressure: - Monitor compliance with land-use commitments and other management commitments. - Monitor quality of NTGVVP	Spring	Monitoring results to be documented and retained for reporting purposes. Results should also inform management approaches and techniques.	Ecologist	YES	DEC 2016
Report to be prepared documenting management actions undertaken and monitoring results. Report structure and content to be prescribed by DELWP and the Responsible Authority.	first year after start of management	Report delivered to the Responsible Authority and DoE no later than three months after the due date.	Warrambeen Gumley Land Trust / Ecologist	YES	MARCH 2017

* = The overall weed cover benchmark is an estimate of the overall weed cover at the commencement of the offset plan. This informs both contractors and auditors of the plan in ensuring that overall weed cover does not increase beyond that benchmark.

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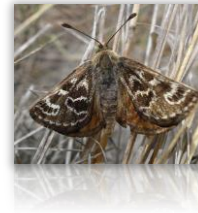


Table 2: Years 2-3 actions

Management Action	Timing	Target to be achieved	Responsible person	Completed (Yes/No)	Month and Year Completed
Rabbit Control to be carried out if required – Fumigate and collapse burrows where present or shooting	All years as required	<5% survival of target; <2% death of non target species.	Warrambeen Gumley Land Trust		
Weed control: - Treat <i>high threat</i> woody weeds as per Error! Reference source not found.; - Treat other weeds species if required.		- Cover of each <i>high threat</i> woody weed species reduced to <1%; - Cover of each weed species maintained at current level <i>High threat</i> weed cover benchmark* not exceeded; - Overall weed cover benchmark* not exceeded.	Warrambeen Gumley Land Trust		

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Management Action	Timing	Target to be achieved	Responsible person	Completed (Yes/No)	Month and Year Completed
Monitoring: - Estimate overall weed cover and cover of each <i>high threat</i> [woody] weed species (refer to Error! Reference source not found.); - Take pictures at photo points - Assess integrity of offset zone fencing; - Assess level of grazing pressure: - Monitor compliance with land-use commitments and other management commitments. - Monitor quality of NTGVVP	Spring	Monitoring results to be documented and retained for reporting purposes. Results should also inform management approaches and techniques.	Ecologist		
Year 2: Fence maintenance to be carried out if required	Following monitoring	Integrity of fencing maintained to exclude entry of threatening herbivores	Warrambeen Gumley Land Trust		



Management Action	Timing	Target to be achieved	Responsible person	Completed (Yes/No)	Month and Year Completed
Biomass Control: ▪ Sheep to be moved onto site in mid summer and removed before autumn rains, if appropriate ▪ Possibly subdivision of the site through electrical fencing to apply crash grazing for short periods and ensure no species are taken out selectively by sheep ▪ Small areas (< 4 ha) could be burned in consultation with the ecologist	Late Summer – Autumn/Early Winter	▪ No soil pitting caused by sheep. ▪ Vegetation cover to remain >10cm high with no more than 30% bare ground.	Warrambeen Gumley Land Trust		
Report to be prepared documenting management actions undertaken and monitoring results. Report structure and content to be prescribed by DoE and the Responsible Authority.	Second year after start of management	Report delivered to the Responsible Authority and DoE no later than three months after the due date.	Warrambeen Gumley Land Trust / Ecologist		

* = The overall weed cover benchmark is an estimate of the overall weed cover at the commencement of the offset plan. This informs both contractors and auditors of the plan in ensuring that overall weed cover does not increase beyond that benchmark.

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Table 3: Years 4-10 actions

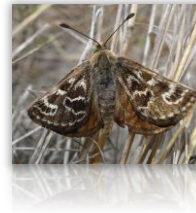
Management Action	Target to be achieved	Responsible person	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
Rabbit Control to be carried out if required – Fumigate and collapse burrows where present or shooting	<5% survival of target; <2% death of non target species.	Warrambeen Gumley Land Trust		X		X		X	
Weed control: - Treat <i>high threat</i> woody weeds as per Error! Reference source not found.; - Treat other weeds species if required.	- Cover of each <i>high threat</i> woody weed species reduced to <1%; - Cover of each weed species maintained at year 1 level <i>High threat</i> weed cover benchmark* not exceeded; - Overall weed cover benchmark* not exceeded.	Warrambeen Gumley Land Trust	X	X	X	X	X	X	X

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Management Action	Target to be achieved	Responsible person	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
Monitoring: - Estimate overall weed cover and cover of each <i>high threat</i> woody weed species (refer to Error! Reference source not found.); - Take pictures at photo points; - Assess integrity of offset zone fencing; - Assess level of grazing pressure; - Monitor compliance with land-use commitments and other management commitments.	Monitoring results to be documented and retained for reporting purposes. Results should also inform management approaches and techniques.	Ecologist		X					X
Fence maintenance to be carried out if required	Integrity of fencing maintained to exclude entry of threatening herbivores	Warrambeen Gumley Land Trust	X		X		X		X



Management Action	Target to be achieved	Responsible person	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
Biomass Control: - Sheep to be moved onto site in mid summer and removed before autumn rains - Possibly subdivision of the site through electrical fencing to apply crash grazing for short periods and ensure no species are taken out selectively by sheep - Small areas (< 4 ha) could be burned in consultation with the ecologist	- No soil pitting cause by sheep. - Vegetation cover to remain >10cm high with no more than 30% bare ground.	Warrambeen Gumley Land Trust	X	X	X	X	X	X	X
Report to be prepared documenting management actions undertaken and monitoring results. Report structure and content to be prescribed by DoE and the Responsible Authority.	Report delivered to the Responsible Authority and DoE no later than three months after the due date.	Warrambeen Gumley Land Trust/ Ecologist		X					X

* = The overall weed cover benchmark is an estimate of the overall weed cover at the commencement of the offset plan. This informs both contractors and auditors of the plan in ensuring that overall weed cover does not increase beyond that benchmark.

Appendix 2

Photographs –Taken December 19, 2015





THIS PRODUCT.

MANER,
ED RINGER

applying high rates,
environmentals.

TREATMENT
EASED OR CUT
SPRAYING.
NOT TO BE
14 DAYS AFTER
FORCE®
LAUGHTER.
ED IN

Information
remove

POISON

KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

TASK FORCE

Water Soluble Herbicide

ACTIVE CONSTITUENT: 745 g/L FLUPROPNATE
(equivalent to 1000 g/L glyphosate)

GROUP J HERBICIDE

Always use integrated management. For control of weeds: para-
ramount grass, Giant rats tail grass, Chigger bush, and other
and certain other grasses as per the directions for this label.

NET 20 LITRE

STORAGE
Store in the
prolonged use
Tip: or prepa
tank. Do not
clean out
If not recy
landfill. If n
specifically
and free res
SAFETY DIRE
Avoid conta
elbow length
wash arms
Always use
smoking and
use, wash
APVMA No.
www.
Batch: