Offsets Assessment Guide For use in determining offsets under the Environment Protection and Biodiversity Conservation Act 1999 2 October 2012 This guide relies on Macros being enabled in your browser.

Matter of National Environmental Significance								
Name SSTF								
EPBC Act status	Critically Endangered							
Annual probability of extinction Based on IUCN category definitions	6.8%							

Key to Cell Colours									
User input required									
Drop-down list									
Calculated output									
Not applicable to attribute									

	Impact calculator												
	Protected matter attributes	Attribute relevant to case?	Description	Quantum of imp	oact	Units	Information source						
			Ecological c	ommunities									
				Area	6.23	Hectares							
	Area of community	Yes	6.23 ha of direct, partial and mitigated indirect impacts	Quality	8	Scale 0-10	SSTF Cond D requiring offset using SSTF Cond D for offset						
				Total quantum of impact	4.98	Adjusted hectares							
	Threatened species habitat												
				Area									
Impact calculator	Area of habitat	No		Quality 0									
				Total quantum of impact									
Imp	Protected matter attributes	Attribute relevant to case?	Description	Quantum of imp	oact	Units	Information source						
	Number of features e.g. Nest hollows, habitat trees	No											
	Condition of habitat Change in habitat condition, but no change in extent	No											
			Threatene	d species									
	Birth rate e.g. Change in nest success	No											
	Mortality rate e.g. Change in number of road kills per year	No											
	Number of individuals e.g. Individual plants/animals	Yes	individuals	0		Count	TMO report						

	Offset calculator																					
	Protected matter attributes	Attribute relevant to case?	Total quantum of impact	Units	Proposed offset	Time horizon	(years)	Start are quali		Future are quality witho		Future ar quality wit		Raw gain	Confidence in result (%)	Adjusted gain	Net prese (adjusted		% of impact offset	Minimum (90%) direct offset requirement met?	Cost (\$ total)	Information source
										Ecolog	ical Com	munities										
	Area of community	Yes	4.98	Adjusted hectares	87.77	Risk-related time horizon (max. 20 years)	20	Start area (hectares)	93.04	Risk of loss (%) without offset Future area without offset (adjusted hectares)	5% 88.4	Risk of loss (%) with offset Future area with offset (adjusted hectares)	1% 92.1	3.72	95%	3.54	0.95	18.98	380.88%	Yes		
						Time until ecological benefit	5	Start quality (scale of 0-10)		Future quality without offset (scale of 0-10)	6	Future quality with offset (scale of 0-10)	9	3.00	95%	2.85	2.05					
	Threatened species habitat																					
	Area of habitat					Time over		_		Risk of loss (%) without offset		Risk of loss (%) with offset										
ator		No				which loss is averted (max. 20 years)		Start area (hectares)		Future area without offset (adjusted hectares)	0.0	Future area with offset (adjusted hectares)	0.0		75%							
Offset calculator						Time until ecological benefit		Start quality (scale of 0-10)		Future quality without offset (scale of 0-10)		Future quality with offset (scale of 0-10)			75%							
Offse	Protected matter attributes	Attribute relevant to case?	Total quantum of impact	Units	Proposed offset	Time horizon	(years)	ars) Start value		Future value without offset		Future val offse		Raw gain	Confidence in result (%)	Adjusted gain	Net prese	nt value	% of impact offset	Minimum (90%) direct offset requirement met?	Cost (\$ total)	Information source
	Number of features e.g. Nest hollows, habitat trees	No																				
	Condition of habitat Change in habitat condition, but no change in extent	No																				
										Thre	eatened s	pecies										
	Birth rate e.g. Change in nest success	No																				
	Mortality rate e.g Change in number of road kills er year	No																				
	Number of individuals e.g. Individual plants/animals	Yes	FALSE	Count	0	0		0		0		0		0	0%	0.00	0.0	0	#DIV/0!	#DIV/0!		

	Summary												
Summary						Cost (\$)							
	Protected matter attributes	Quantum of impact	Net present value of offset	% of impact offset	Direct offset adequate?	Direct offset (\$)	Other compensatory measures (\$)	Total (\$)					
	Birth rate	0				\$0.00		\$0.00					
	Mortality rate	0				\$0.00		\$0.00					
	Number of individuals	0	0.00	#DIV/0!	#DIV/0!	\$0.00	#DIV/0!	#DIV/0!					
	Number of features	0				\$0.00		\$0.00					
	Condition of habitat	0				\$0.00		\$0.00					
	Area of habitat	0				\$0.00		\$0.00					
	Area of community	4.984	18.98	380.88%	Yes	\$0.00	N/A	\$0.00					
	-					\$0.00	#DIV/0!	#DIV/0!					