## **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 Signif	icance
Name	SSTF
EPBC Act status	Critically Endangered
Annual probability of extinction	6.8%

Impact calculator													
	Protected matter attributes	Attribute relevant to case?	Description	act	Units	Information source							
			Ecological co	ommunities									
				Area	19.11	Hectares							
	Area of community	Yes	19.11 ha of direct, partial and mitigated indirect impacts	Quality	4	Scale 0-10	SSTF Cond A requiring offset using SSTF Cond D						
				Total quantum of impact	7.64	Adjusted hectares							
	Threatened species habitat												
				Area									
Impact calculator	Area of habitat	No		Quality	0								
				Total quantum of impact									
	Protected matter attributes	Attribute relevant to case?	Description	Quantum of imp	act	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 (	ime horizon (years)		a and ty	Future area and quality without offset				Raw gain Confidence in result (%)	Adjusted gain	Net present value (adjusted hectares)		% of impact offset	Minimum (90%) direct offset requirement met?	Cost (\$ total)	Information source	
										Ecological C	Comn	nunities										
	Area of community	Yes	7.64	Adjusted hectares	3.01	Risk-related time horizon (max. 20 years)	20	Start area (hectares)	2.05	Risk of loss (%) without offset  Future area without offset (adjusted hectares)  S%  1.9	+	Risk of loss (%) with offset Future area with offset (adjusted hectares)	2.0	0.08	95%	0.08	0.02	0.30	3.92%	No		
						Time until ecological benefit	10	Start quality (scale of 0-10)	4	Future quality without offset (scale of 0-10)		Future quality with offset (scale of 0-10)	6	3.00	95%	2.85	1.48					
										Threatened sp	pecie	es habitat										
Offset calculator	Area of habitat	No				Time over which loss is averted (max. 20 years)	call playback	Start area (hectares)		Risk of loss (%) without offset  Future area without offset (adjusted hectares)	)	Risk of loss (%) with offset Future area with offset (adjusted hectares)	0.0		75%							
						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%		<del></del>					
	Protected matter attributes	Attribute relevant to case?	Total quantum of impact	Units	Proposed offset	Time horizon (years)		Start value		Future value without offset		Future value offset		Raw gain	Confidence in result (%)	Adjusted gain	Net prese	ent 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																				
	Threatened 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	FALSE	Count	0	0		0		0		0		0	0%	0.00	0.0	00	#DIV/0!	#DIV/0!		

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					
nary	Mortality rate	0				\$0.00		\$0.00					
Summary	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	7.644	0.30	3.92%	No	\$0.00	#DIV/0!	#DIV/0!					
			•			\$0.00	#DIV/0!	#DIV/0!					