

Program Monitoring Plan

National Reserve System and Biodiversity Conservation Program

Version: 1.1 Date: 11 March 2010



CARING FOR OUR COUNTRY TARGET	KEY EVALUATION QUESTIONS	OTHER QUESTIONS	UNIT OF MEASURE	METHOD	FREQUENCY OF COLLECTION
Increasing the National Reserve System: To increase the area that is protected within the National Reserve System by 5 million hectares a year in under represented bioregions, including areas that will contribute to the conservation of matters of national environmental significance.	To what extent has the <i>National Reserve System and Conservation Biodiversity</i> program increased the area that is protected as part of the NRS in the Avon River Basin?	How many land managers have adopted new conservation measures as part of the <i>National Reserve System and Conservation Biodiversity</i> program?	# land managers in negation/implementing covenants	Immediate Outcomes Measures Monitoring collected through <i>Healthy Bushland Baselevel</i> Project (Rebecca Palumbo).	31 July, 31 December 2010 - 2013
		What is the size of the area that has been managed for biodiversity conservation?	Area (ha) under covenant	Immediate Outcomes Measures Monitoring collected through <i>Healthy Bushland Baselevel</i> Project (Rebecca Palumbo).	31 July, 31 December 2010 - 2013
		How many resource management plans have been completed or established, and what size area is being managed under these plans?	# management plans Area (ha) under improved management	Immediate Outcomes Measures Monitoring collected through <i>Healthy Bushland Baselevel</i> Project (Rebecca Palumbo).	31 July, 31 December 2010 - 2013
Reducing the Impact of Rabbits: To suppress rabbit populations over the next three years to densities that are low enough to allow regeneration and recovery of critically endangered and endangered species and communities in identified priority areas.	To what extent has the <i>National Reserve System and Conservation Biodiversity</i> program improved regeneration and recovery of EPBC listed species?	What is the area (ha) of native vegetation and habitat under improved management?	Area (ha) of impact	Immediate Outcomes Measures Monitoring collected through <i>Rabbits and Resource Assessment Baselevel</i> Project (Brett Beecham, DEC) and submitted to Wheatbelt NRM.	31 July, 31 December 2010 - 2013
		What is the size of the area (ha) where rabbit control measures have been implemented?	Area (ha) under rabbit control	Immediate Outcomes Measures Monitoring collected through <i>Rabbits and Resource Assessment Baselevel</i> Project (Brett Beecham, DEC) and submitted to Wheatbelt NRM.	31 July, 31 December 2010 - 2013
		What are the EPBC listed species prioritized for management through this program, and how has the program contributed towards improving their regeneration and recovery?	Level of improvement EPBC listed species, (including # species, #populations, # ha)	Monitoring methodology to be decided <i>Rabbits and Resource Assessment Baselevel</i> Project team (Brett Beecham, DEC). Results submitted to Wheatbelt NRM in technical report. Data Management Plans, Metadata Statements and Data Dictionary required for submission to WNRM. Templates available at http://www.wheatbeltnrm.org.au/monitoringandevaluation/datam	To be determined
		How many monitoring programs have been implemented?	# Monitoring Programs	Immediate Outcomes Measures Monitoring collected through <i>Rabbits and Resource Assessment Baselevel</i> Project (Brett Beecham, DEC) and submitted to Wheatbelt NRM.	31 July, 31 December 2010 - 2013
Improving Knowledge and Skills of Land Managers: To increase by 42 000 land managers and farmers over four years who have demonstrated an improvement in knowledge and skills in natural resource management.	To what extent have land managers and farmers demonstrated an improvement in knowledge and skills in biodiversity conservation, as a result of participating in the <i>National Reserve System and Conservation Biodiversity</i> program?	What kinds of conservation measures are land managers and/or community groups using to protect and improve biodiversity conservation?	Current Practice Area (ha) protected Length (kms) fencing	<i>Land Manager Survey</i> undertaken at beginning of engagement, and at end of management action. Survey to be completed by project staff following discussions with land managers. Immediate Outcomes Measures Monitoring collected through <i>Healthy Bushland Baselevel</i> project	March – May 2010 and end of mgt action 31 July, 31 December 2010 - 2013
		Have land managers levels of knowledge, skills and engagement increased as a result of participating in the program? Why or why not?	Current Practice # Covenants Increase in knowledge	<i>Land Manager Survey</i> (for current practice and increase in knowledge) undertaken at beginning of engagement, and at end of management action. Survey to be completed by project staff following discussions with land managers. Event Evaluation forms (after each event), available online at http://www.wheatbeltnrm.org.au/monitoringandevaluation/document/EventEvaluation	March – May 2010 and end of mgt action 31 July, 31 December 2010 - 2013

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<p>Increasing Participation in Natural Resource Management: To ensure all regional NRM organisations provide support for community groups (e.g. through devolved grants) to undertake local projects over the next 2 years</p>	<p>In what ways and to what extent has the <i>National Reserve System and Conservation Biodiversity program</i> provided support to community groups to undertake local projects?</p>	<p>How many and what kinds of awareness raising events and displays were conducted?</p>	# awareness raising events	<p><i>Immediate Outcomes Measures</i> Monitoring collected through projects:</p> <ul style="list-style-type: none"> o <i>Healthy Bushland Baselevel</i> o <i>Rabbits and Resource Assessment Baselevel</i> o <i>Red Card</i> 	31 July, 31 December 2010 – 2013
		<p>How many training sessions and workshops were conducted?</p>	# training sessions/workshops	<p><i>Immediate Outcomes Measures</i> Monitoring collected through projects:</p> <ul style="list-style-type: none"> o <i>Healthy Bushland Baselevel</i> o <i>Rabbits and Resource Assessment Baselevel</i> o <i>Red Card</i> 	31 July, 31 December 2010 – 2013
		<p>How many land managers participated in these events? How satisfied were the land managers with these events? Why or why not?</p>	# participants Level of satisfaction	<p><i>Immediate Outcomes Measures</i> Monitoring collected through projects:</p> <ul style="list-style-type: none"> o <i>Healthy Bushland Baselevel</i> o <i>Rabbits and Resource Assessment Baselevel</i> o <i>Red Card</i> <p><i>Event Evaluation</i> form (after each event)</p>	31 July, 31 December 2010 – 2013 After each event
		<p>How many and what kind of partnerships have been established, supported or contributed to?</p>	# and type of community organisation/partnership	<p><i>Immediate Outcomes Measures</i> Monitoring collected through projects:</p> <ul style="list-style-type: none"> o <i>Healthy Bushland Baselevel</i> o <i>Rabbits and Resource Assessment Baselevel</i> o <i>Red Card</i> 	31 July, 31 December 2010 – 2013
		<p>How many brochures, newsletters, posters, fact sheets or websites have been developed? How many people were these targeted at?</p>	# brochures, newsletters, posters, fact sheets, websites	<p><i>Immediate Outcomes Measures</i> Monitoring collected through projects:</p> <ul style="list-style-type: none"> o <i>Healthy Bushland Baselevel</i> o <i>Rabbits and Resource Assessment Baselevel</i> o <i>Red Card</i> 	31 July, 31 December 2010 – 2013
<p>All Targets</p>	<p>What, if any, unanticipated positive or negative changes or other outcomes have resulted?</p>	<p>As a result of being involved in the program, did land managers experience anything they did not expect, either positive or negative? What impact did this have?</p>	+ or – changes/outcomes	<p>Data collected by all Delivery Organisations and WRNM through <i>Immediate Outcomes Measures</i> Spreadsheet and <i>Land Manager Survey</i></p>	31 July, 31 December 2010 – 2013
<p>All Targets</p>	<p>To what extent have the planned activities and milestones been achieved? Why or why not? What other activities/strategies that might be more effective?</p>	<p>Have the project delivery organisations effectively implemented the agreed activities and deliverables? Why or why not? Has the program delivered the expected activities and milestones in the agreed timeframes? Why or why not? What is working well? Why?</p>	% complete Milestone/activity Participant satisfaction levels Increase in knowledge of participants Lessons Learned	<p>Data collected by all Delivery Organisations and WRNM through <i>Event Evaluation</i> forms, <i>Land Manager Survey</i>, program records and project staff. Lessons Learned and Improvement Strategy captured through <i>Immediate Outcomes Measures Monitoring</i></p>	Throughout program 2009-2013 31 July, 31

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		What isn't working well? Why not? What other activities or strategies might be more effective?	Adaptive Management & Improvement		December
All Targets	To what extent has the investment approach proved useful in engaging and influencing the targeted stakeholders?	Are the engagement strategies being used the most appropriate way of encouraging land managers to become involved in practices to protect biodiversity conservation? Why or why not? Are there other strategies that would produce a better result, in encouraging land managers to adopt biodiversity conservation practices? Were the events, workshops and training sessions structured and delivered in a way that is appropriate to the needs of the land holders? How could they be improved?	Participant satisfaction levels Increase in knowledge of participants Lessons Learned Adaptive Management & Improvement Participant satisfaction levels	Data collected via <i>Event Satisfaction Forms, Land Manager Surveys</i> and project staff. Lessons Learned and Improvement Strategy captured through <i>Immediate Outcomes Measures Monitoring</i> .	Throughout program 2009-2013 31 July, 31 December
All Targets	To what extent has the program attained the highest value out of available resources? Why or why not?	Did the program use the resources in the most efficient way possible, and at the same time maintain the required level of professionalism and quality?	Overall program achievement and expenditure	Data collected via: <ul style="list-style-type: none"> All other measures Program and project staff Program management records Immediate Outcomes Measures Project Status reports Financial reports and audits. 	Throughout program 2009-2013

Data Collection Surveys and Forms

The following survey's and forms for data collection have been developed and produced by WNRN and should be used by project staff to collect/record the required information.

- NRS Land Manager Survey:** Data collected from land managers prior to, and at end of management action and forwarded to Wheatbelt NRM for analysis.
- Event Evaluation Form:** Collected after each event (seminar, training session, workshop etc) by facilitator. Please allow 10 minutes at the end of each session to enable participants to complete the process. The *Turning Point Audience Response System* can also be used as an alternative to paper based forms, and to feedback results immediately to participants and facilitators. Forms available at <http://www.avonnrm.org.au/monitoringandevaluation/document/EventEvaluation>.
- Immediate Outcomes Measures Monitoring Spreadsheet:** Completed by project coordinators and submitted to Wheatbelt NRM at end of each reporting period (due on 31 July and 31 December each year). It may be useful to record this information throughout the year as it becomes available.

These documents must be returned to WNRN for analysis.