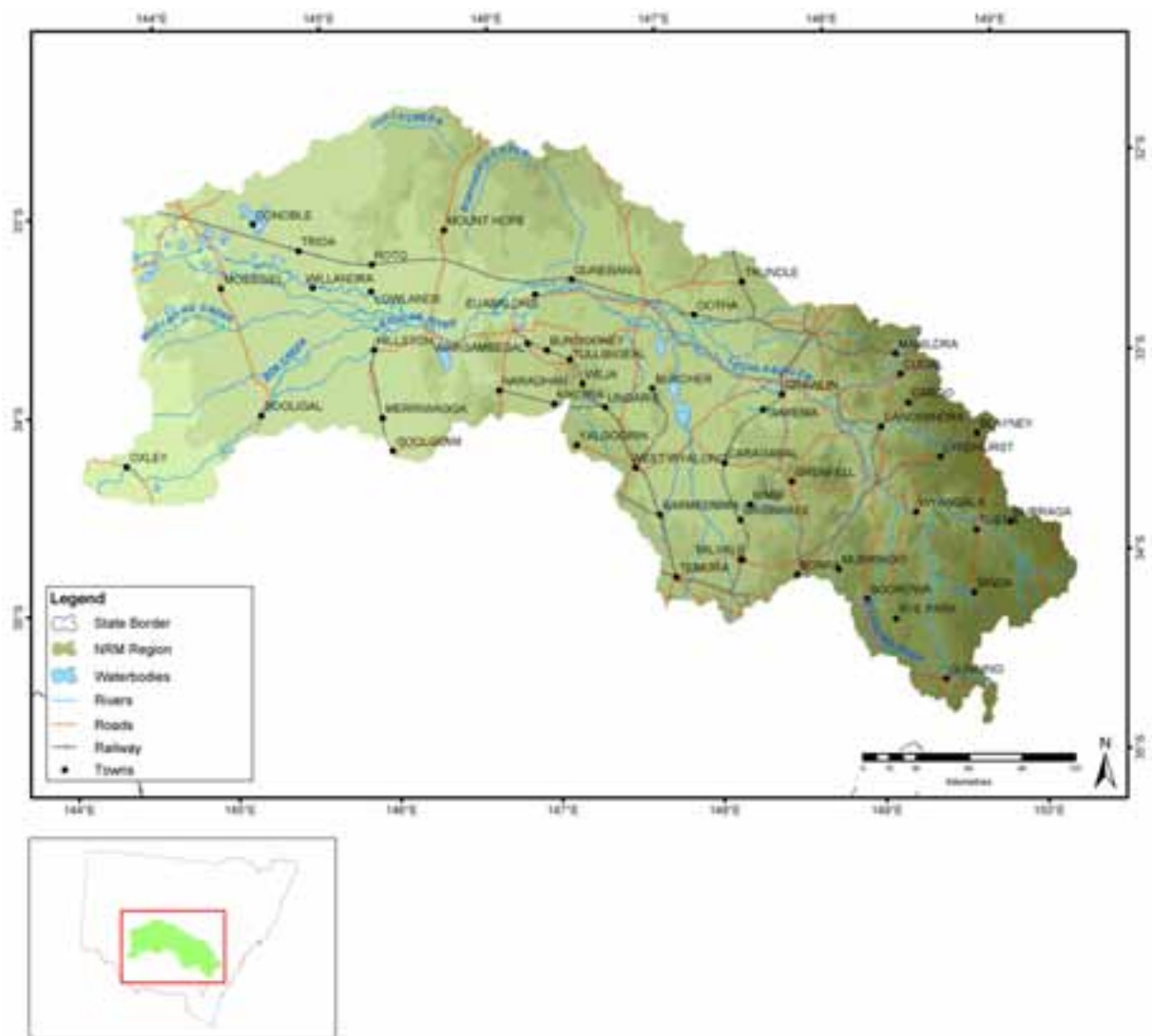


A2.5 LACHLAN



Administrative arrangements

Administrative Body: Lachlan Catchment Management Authority

Trust region: Lachlan

NAP region: Lachlan

Investment summary

Table A2.5.1 Joint Government approved investments for Lachlan*

Funding stream	2003-04 Approvals (\$)		Total Approvals to June 2004 (\$)	
	NAP	Trust	NAP	Trust
Priority action	221,400		371,400	973,700
Regional investment	6,937,300	609,000	6,937,300	609,000
Total	7,158,700	609,000	7,308,700	1,582,700

* Figures reflect Australian Government and State/Territory Government approvals for NAP and only Australian Government approvals for the Trust. State/Territory Government cash and in-kind funding for the Trust is not included.

Table A2.5.2 Reported expenditure for approved investments in Lachlan

Funding stream	Budgeted Activity Expenditure (\$)				Reported Activity Expenditure (\$)			
	July 03 - March 04		Total to March 04		July 03 - March 04		Total to March 04	
	NAP	Trust	NAP	Trust	NAP	Trust	NAP	Trust
Priority action	221,400	409,000	371,400	409,000	122,689	90,814	136,901	90,814
Regional investment	1,738,000	335,000	1,738,000	335,000				
Total	1,959,400	744,000	2,109,400	744,000	122,689	90,814	136,901	90,814

Priority action investments

Expenditure

Table A2.5.3 Priority action funding having a major focus on matters for target in Lachlan

Matter for target	Budgeted Activity Expenditure (\$)				Reported Activity Expenditure (\$)			
	July 03 - March 04		Total to March 04		July 03 - March 04		Total to March 04	
	NAP	Trust	NAP	Trust	NAP	Trust	NAP	Trust
Land salinity	150,000	226,000	300,000	226,000	122,689	71,600	136,901	71,600
Rivers and wetlands		101,000		101,000		19,214		19,214
Surface water salinity		22,000		22,000				
Native vegetation		60,000		60,000				
Other supporting activities	71,400		71,400					
Total	221,400	409,000	371,400	409,000	122,689	90,814	136,901	90,814

Table A2.5.4 Priority action funding for types of activities in Lachlan

Activity Type	Budgeted Activity Expenditure (\$)				Reported Activity Expenditure (\$)			
	July 03 - March 04		Total to March 04		July 03 - March 04		Total to March 04	
	NAP	Trust	NAP	Trust	NAP	Trust	NAP	Trust
Resource assessment	150,000	387,000	300,000	387,000	122,689	90,814	136,901	90,814
Capacity building	71,400	22,000	71,400	22,000				
Total	221,400	409,000	371,400	409,000	122,689	90,814	136,901	90,814

Table A2.5.5 Priority action activities in Lachlan

Matter for target	Activities	Budgeted Activity Expenditure (\$)				Reported Activity Expenditure (\$)			
		July 03 - March 04		Total to March 04		July 03 - March 04		Total to March 04	
		NAP	Trust	NAP	Trust	NAP	Trust	NAP	Trust
Land salinity	Groundwater Monitoring and Trend Analysis and Management Improvement in the Lachlan Valley	150,000		300,000		122,689		136,901	
	Lachlan Salinity Recharge Identification Investigations Project		226,000		226,000		71,600		71,600
Rivers and wetlands	Identification and Assessment of Degradation and Threatening Processes to Aquatic and Riparian Areas in the Lachlan Catchment.		101,000		101,000		19,214		19,214
Surface water salinity	Benchmarking Community Attitudes Towards Natural Resource Management Within the Lachlan Catchment		22,000		22,000				
Native vegetation	Foundation Building for Strategic Investment in Vegetation Management at a Landscape Scale - Lachlan Catchment		60,000		60,000				
Other supporting activities	Lachlan - Regional Facilitator and Coordinator	71,400		71,400					
Total		221,400	409,000	371,400	409,000	122,689	90,814	136,901	90,814

Achievements

Table A2.5.6 Outputs related to priority actions having a major focus on matters for target in Lachlan

Standard output	Land salinity		Soil condition		Rivers and wetlands		Nutrients in aquatic environments		Turbidity in aquatic environments		Surface water salinity		Native vegetation		Significant native species		Significant invasive species		Estuarine, coastal and marine		Other supporting activities	
	03-04	Total	03-04	Total	03-04	Total	03-04	Total	03-04	Total	03-04	Total	03-04	Total	03-04	Total	03-04	Total	03-04	Total	03-04	Total
Resource Assessment																						
Baseline, trend or condition studies for targets																						
Number of sites monitored	22	22																				
Investigations (survey, inventory and mapping and data analysis)																						
Number of salinity studies	4	4																				
Number of groundwater studies	38	38																				

Regional investment summary

Plan accredited by Ministers: February 2003

Investment strategy approved by Ministers: February 2003

Expenditure

Table A2.5.7 Regional investment funding having a major focus on matters for target in Lachlan

Matter for target	Budgeted Activity Expenditure (\$)				Reported Activity Expenditure (\$)			
	July 03 - March 04		Total to March 04		July 03 - March 04		Total to March 04	
	NAP	Trust	NAP	Trust	NAP	Trust	NAP	Trust
Land salinity	295,000		295,000					
Soil condition	30,000	30,000	30,000	30,000				
Rivers and wetlands	520,500		520,500					
Nutrients in aquatic environments	262,500		262,500					
Native vegetation	275,000		275,000					
Significant native species		195,000		195,000				
Other supporting activities	355,000	110,000	355,000	110,000				
Total	1,738,000	335,000	1,738,000	335,000				

Table A2.5.8 Regional investment funding for types of activities in Lachlan

Activity Type	Budgeted Activity Expenditure (\$)				Reported Activity Expenditure (\$)			
	July 03 - March 04		Total to March 04		July 03 - March 04		Total to March 04	
	NAP	Trust	NAP	Trust	NAP	Trust	NAP	Trust
Resource assessment	320,000		320,000					
Planning	170,000		170,000					
Capacity building	35,000	110,000	35,000	110,000				
On-ground activities	1,213,000	225,000	1,213,000	225,000				
Total	1,738,000	335,000	1,738,000	335,000				

Activities and achievements

Table A2.5.9 Regional investment activities in Lachlan

Matter for target	Activities	Budgeted Activity Expenditure (\$)				Reported Activity Expenditure (\$)			
		July 03 - March 04		Total to March 04		July 03 - March 04		Total to March 04	
		NAP	Trust	NAP	Trust	NAP	Trust	NAP	Trust
Land salinity	Improved Farming Systems to Better Manage Salinity	235,000		235,000					
	Interception Tree Planting to Manage Salinity	60,000		60,000					
Soil condition	Sodic Soils Management	30,000		30,000					
	Sustainable Land Management		30,000		30,000				
Rivers and wetlands	Enhancement of Aquatic Habitats	100,000		100,000					
	Increased Water Use Efficiency	158,000		158,000					
	Management of Riparian Vegetation	262,500		262,500					
Nutrients in aquatic environments	Management of Nutrients	262,500		262,500					
Native vegetation	Development of Property Management Plans	170,000		170,000					
	NAP - Management of High Conservation Value Areas	105,000		105,000					
Significant native species	NHT - Management of High Conservation Value Areas		195,000		195,000				
Other supporting activities	Establishment of Indigenous NRM Reference Group		75,000		75,000				
	Monitoring and Evaluation Program	320,000		320,000					
	NAP - Capacity Building of Indigenous Communities	35,000		35,000					
	NHT - Capacity Building of Indigenous Communities		35,000		35,000				
Total		1,738,000	335,000	1,738,000	335,000				

Targets for Lachlan

Resource condition targets

Table A2.5.10 Resource condition targets related to regional investment in Lachlan

Matter for Target	Resource condition target
Land salinity	By 2012, the Lachlan River at Forbes will be equal to or less than: 80th percentile for salinity concentrations levels at 550 EC
	By 2012, the Lachlan River at Forbes will be equal to or less than: 50th percentile for salt load at 240,000 tonnes annually
	By 2012, the Lachlan River at Forbes will be equal to or less than: 80th percentile for salt load of 290,000 tonnes annually
	By 2012, the Lachlan River at Forbes will be equal to or less than: 50th percentile for salinity concentration levels at 410 EC
Soil condition	By 2012, improve soil health across the catchment by improving soil organic carbon levels in the tablelands and slopes by 25%
	By 2012, improve soil health across the catchment by herbage mass greater than 0.5 tonne per hectare 80% of the time in the plains
	By 2012, improve soil health across the catchment by maintaining current soil organic carbon levels on the plains
	By 2012, improve soil health across the catchment by herbage mass greater than 1 tonne per hectare 80% of the time in the tablelands and slopes
Rivers and wetlands	By 2012, maintain and/or restore the health and function of the surface water and groundwater systems by surface flow regimes that seek to mimic natural conditions while providing defined resource access for water users
Nutrients in aquatic environments	By 2012, maintain and/or restore the health and function of the surface water and groundwater systems by 10% reduction in the frequency of high-alert blue-green algal blooms
Turbidity in aquatic environments	By 2012, maintain and/or restore the health and function of the surface water and groundwater systems by 10% improvement on current turbidity levels on the upland landscape and hold or reduce current levels in the remaining areas of the catchment
Native vegetation	By 2012, improve the health of native vegetation and biodiversity by 10% of the catchment, covering the full range of ecosystems, managed primarily for biodiversity
	By 2012, improve the health of native vegetation and biodiversity by an additional 20% of the catchment managed for landscape protection and biodiversity
Significant native species	By 2012, maintain and restore the health and function of surface water and groundwater systems by improving aquatic habitat and biological diversity of sites rated "good" and an improvement for sites rated "fair" or below
Other supporting activities	Catchment communities which facilitate social, cultural and economic well being in an environmentally sustainable manner
	No loss of cultural heritage values across the catchment that relate to NRM

Management action targets

Table A2.5.11 Management action targets related to regional investment in Lachlan

Matter for Target	Management action target
Land salinity	Increase by 30% the level of perennial pastures managed to achieve optimal water use efficiency in key upland landscapes
	By 2005 maintain and by 2012 improve the extent and condition of existing remnant vegetation in saline landscapes to prevent further land salinisation
	70% of land under irrigation will operate under efficient water use practices
	30% of suitable sites in key saline landscapes planted to large interception plantings
	Reduce recharge on 30% of dryland cropped landscapes through the use of water efficient farming systems
	Establish and manage multi-purpose tree plantings in 30% of key upland landscapes
	30% of the area of known saline discharge sites managed for landscape protection
Soil condition	Increase pH in soils which have induced soil acidity and maintain to prevent further deterioration in naturally acidic soils
	At least 49% of land managers have property plans that support the move towards the implementation of best management practices
	50% of permanent pastures to have a desirable perennial plant component greater than 60%
	Reduce the extent of bare/cultivated long fallowed lands to indicated levels
	25% of degraded sodic soils have an improvement in soil structure
Surface water salinity	Within valley interim EC and salt load targets achieved at identified sites
Native vegetation	Area of native vegetation managed for biodiversity conservation and landscape protection comprises 30% of the current distribution of "well retained" vegetation communities
	Area of native vegetation managed for biodiversity conservation and landscape protection comprises 60% of the current distribution of "at risk" vegetation communities
	All identified terrestrial and aquatic weed and pest animals of concern for the Lachlan Catchment are managed through integrated management across all land tenures
	Enhance the condition and extent of priority vegetation types and habitats by increasing the extent of priority vegetation types and habitats by 10%
	100% of areas identified as being of high conservation value are protected
Other supporting activities	100% of archaeological sites and/or areas of the landscape that contain culturally significant features are protected by reasonable means from damage or destruction
	Management agreements and protocols in place for negotiating indigenous access to lands within the catchment which are of Aboriginal cultural significance
	100% of property management plans will address the management issues relating to cultural heritage resources and other culturally significant areas
	To have identified all culturally significant aspects of the landscape in relation to NRM