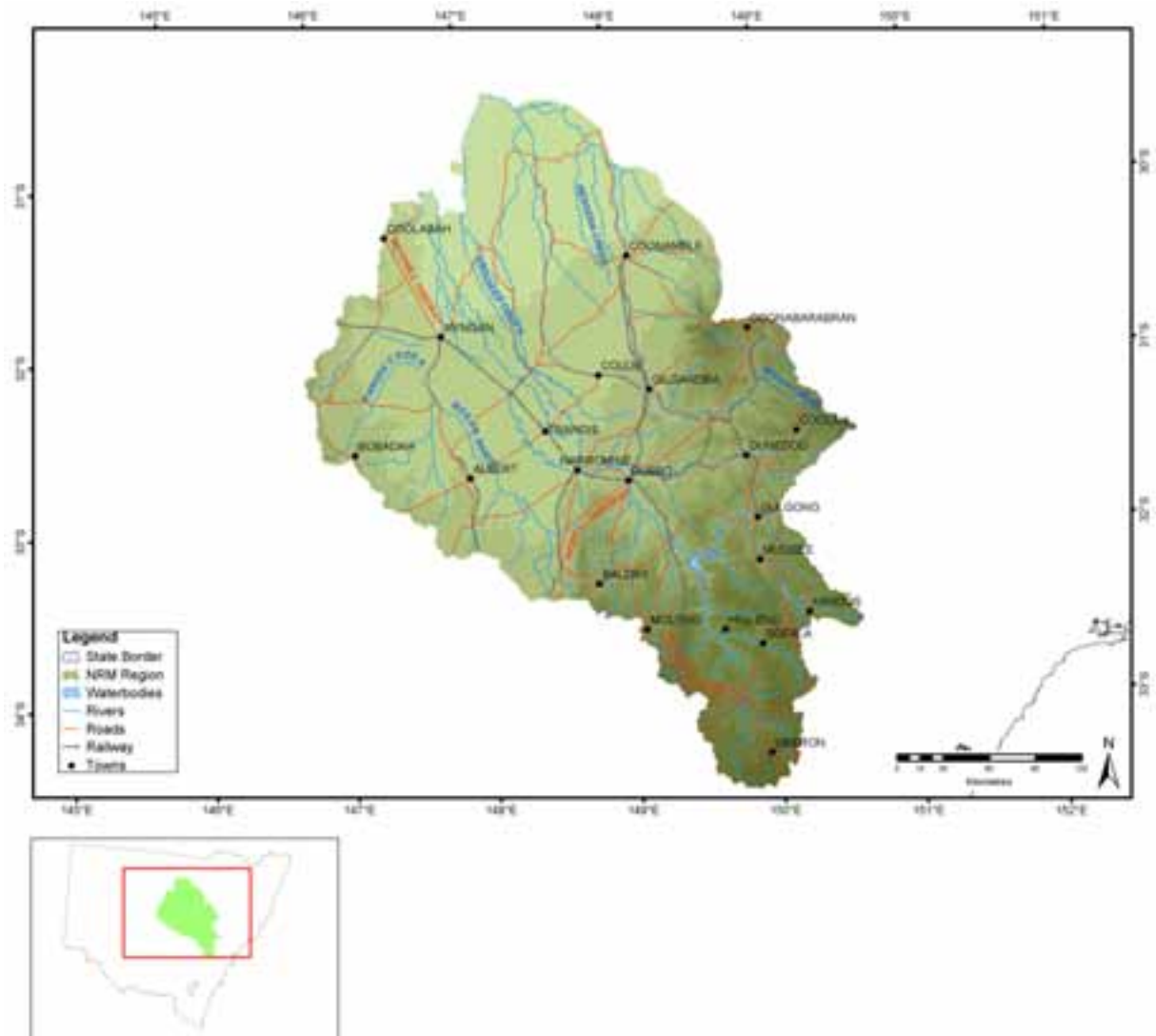


## A2.2 CENTRAL WEST

294



### Administrative arrangements

Administrative Body: Central West Catchment Management Authority

Trust region: Central West

NAP region: Central West

## Investment summary

**Table A2.2.1** Joint Government approved investments for Central West\*

Funding stream	2003-04 Approvals (\$)		Total Approvals to June 2004 (\$)	
	NAP	Trust	NAP	Trust
Priority action	270,900		500,400	622,645
Regional investment	6,621,300	609,000	6,621,300	609,000
Total	6,892,200	609,000	7,121,700	1,231,645

\* 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 A2.2.2** Reported expenditure for approved investments in Central West

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	266,650	317,000	487,400	317,000	197,208	73,600	197,208	73,600
Regional investment	3,658,300	255,000	3,658,300	255,000				
Total	3,924,950	572,000	4,145,700	572,000	197,208	73,600	197,208	73,600

## Priority action investments

### Expenditure

**Table A2.2.3** Priority action funding having a major focus on matters for target in Central West

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	195,250	226,000	416,000	226,000	197,208	71,600	197,208	71,600
Native vegetation		91,000		91,000		2,000		2,000
Other supporting activities	71,400		71,400					
Total	266,650	317,000	487,400	317,000	197,208	73,600	197,208	73,600

**Table A2.2.4** Priority action funding for types of activities in Central West

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	195,250	286,000	416,000	286,000	197,208	71,600	197,208	71,600
Capacity building	71,400	31,000	71,400	31,000		2,000		2,000
Total	266,650	317,000	487,400	317,000	197,208	73,600	197,208	73,600

**Table A2.2.5** Priority action activities in Central West

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	Central West Salinity Recharge Identification and Investigations Project		226,000		226,000		71,600		71,600
	Cudgegong and Upper Macquarie Salinity Prioritisation and Strategic Direction	195,250		416,000		197,208		197,208	
Native vegetation	Development and Piloting of an Effective Integrated Property Management Plan (IPMP) Template for use by Land Managers Within the Central West Catchment of NSW.		31,000		31,000		2,000		2,000
	Foundation Building for Strategic Investment in Vegetation Management at a Landscape Scale - Central West Catchment		60,000		60,000				
Other supporting activities	Central West - Regional Facilitator and Coordinator	71,400		71,400					
<b>Total</b>		<b>266,650</b>	<b>317,000</b>	<b>487,400</b>	<b>317,000</b>	<b>197,208</b>	<b>73,600</b>	<b>197,208</b>	<b>73,600</b>

## Achievements

**Table A2.2.6** Outputs related to priority actions having a major focus on matters for target in Central West

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																						
Decision support tools																						
Number of information management systems developed	4	8																				
Investigations (survey, inventory and mapping and data analysis)																						
Number of salinity studies	34	42																				
Number of soil studies	8	16																				
Number of groundwater studies	8	16																				
Planning																						
Integrated catchment or sub-catchment plans																						
Number of sub-catchment plans developed	4	8																				
Capacity building																						
Facilitation motivation and support activities																						
Number of field days	4	8																				

## Regional investment summary

Plan accredited by Ministers: December 2003

Investment strategy approved by Ministers: February 2004

### Expenditure

**Table A2.2.7** Regional investment funding having a major focus on matters for target in Central West

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	486,500		486,500					
Soil condition	589,000		589,000					
Nutrients in aquatic environments	274,500		274,500					
Turbidity in aquatic environments	228,500		228,500					
Surface water salinity	235,000		235,000					
Native vegetation	1,230,400	85,000	1,230,400	85,000				
Significant native species		170,000		170,000				
Other supporting activities	614,400		614,400					
<b>Total</b>	<b>3,658,300</b>	<b>255,000</b>	<b>3,658,300</b>	<b>255,000</b>				

**Table A2.2.8** Regional investment funding for types of activities in Central West

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	302,400		302,400					
Planning	230,000		230,000					
Capacity building	602,000	85,000	602,000	85,000				
On-ground activities	2,523,900	170,000	2,523,900	170,000				
<b>Total</b>	<b>3,658,300</b>	<b>255,000</b>	<b>3,658,300</b>	<b>255,000</b>				

## Activities and achievements

**Table A2.2.9** Regional investment activities in Central West

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	Salinity - Effective Interception Planting	296,500		296,500					
	Salinity - Management of Perennials	190,000		190,000					
Soil condition	Indigenous Involvement in Sustainable Land Management.	97,500		97,500					
	Management of Sodic Soils	25,000		25,000					
	Soil Health Program in Croplands	406,500		406,500					
	Soil Health program in Pasture Lands	60,000		60,000					
Nutrients in aquatic environments	Innovative Agricultural Systems	192,500		192,500					
	Nutrient Management Program	82,000		82,000					
Turbidity in aquatic environments	Management of Stream Bank Erosion	84,500		84,500					
	Sediment Management	144,000		144,000					
Surface water salinity	Salinity - Increased Wateruse Efficiency	235,000		235,000					
Native vegetation	Development of Property Management Plans	230,000		230,000					
	Implementation of Nature Conservation on Public Lands	80,000		80,000					
	Management of Native Riparian Vegetation.	110,400		110,400					
	NAP - Management of High Conservation Value Areas	560,000		560,000					
	NHT - Establishment of Indigenous Reference Group		85,000		85,000				
	Salinity - Remnant Vegetation Retention.	250,000		250,000					
Significant native species	NHT - Management of High conservation Value Areas		170,000		170,000				
Other supporting activities	Coordinated Extension Services	155,000		155,000					
	Coordination and Support	139,500		139,500					
	Monitoring and Evaluation Program	302,400		302,400					
	NAP - Establishment of Indigenous Reference Group	17,500		17,500					
<b>Total</b>		<b>3,658,300</b>	<b>255,000</b>	<b>3,658,300</b>	<b>255,000</b>				

# Targets for Central West

## Resource condition targets

**Table A2.2.10** Resource condition targets related to regional investment in Central West

Matter for Target	Resource condition target
Soil condition	Land use which meets critical thresholds 80% of the time for a range of landscape specific criteria in the catchment by 2012
Rivers and wetlands	By 2012, improve surface and groundwater system health across the catchment as measured by temperature to be maintained or restored to within 2 degrees Celsius of natural levels
	By 2012, improve surface and groundwater system health across the catchment as measured by flow regimes to meet the MDBC cap environmental flow rules and water sharing plans
Nutrients in aquatic environments	By 2012, improve surface and groundwater system health across the catchment as measured by faecal coliform levels to achieve primary contact levels at key recreational sites and homestead protection levels at all other sites
	By 2012, improve surface and groundwater system health across the catchment as measured by: 20% reduction in the frequency of high alert blue green algal blooms
Turbidity in aquatic environments	By 2012, improve surface and groundwater system health across the catchment as measured by: Chemicals and hazardous substances to be reduced below ecosystem protection levels at all times
	By 2012, improve surface and groundwater system health across the catchment as measured by: 20% improvement on current turbidity levels, 50% of the time in the Macquarie, Cudgegong, Castlereagh and Bogan Rivers
Surface water salinity	By 2010, the Bogan River at Gongolgon will be equal to or less than: 50th percentile for salt load at 30,000 tonnes annually
	By 2010, the Bogan River at Gongolgon will be equal to or less than: 50th percentile for salinity concentration levels at 550EC
	By 2010, the Castlereagh River at Coonamble will be equal to or less than: 50th percentile for salinity concentration levels at 315 EC
	By 2010, the Macquarie River at Carinda will be equal to or less than: 50th percentile for salinity concentration levels at 500 EC
	By 2010, the Macquarie River at Carinda will be equal to or less than: 50th percentile for salt load at 35,000 tonnes annually
	By 2010, the Castlereagh River at Coonamble will be equal to or less than: 50th percentile for salt load at 18,000 tonnes annually
Native vegetation	By 2012, 20% of the catchment area is managed primarily for native biodiversity and essential ecosystem function, with all habitat types represented as functional ecological systems
Other supporting activities	By 2012, have in place a range incentives and initiatives which: - recognise and offset the costs of managing land; - encourage a balance of production and natural resource management; - provide support education, training and capacity building

## Management action targets

**Table A2.2.11** Management action targets related to regional investment in Central West

Matter for Target	Management action target
Land salinity	By 2012, reduce accessions to the watertable by increasing water use efficiency in dryland farming systems on 50% of cropped landscapes in the catchments
	By 2012, establish and manage large interception plantings in 30% of suitable sites in identified key upland landscapes
	By 2012, increase by 30% the area of well managed perennials (including native grasses) in identified recharge landscapes across the catchments
	By 2012, establish and manage a site specific range of large forestry plantings in 10% of the physical area of key upland landscapes
	By 2012, reduce accessions to the water table by increasing water use efficiency in irrigation farming systems on 70% of irrigated land.
Soil condition	By 2012, 50% of pasture land will have a desirable perennial plant component greater than 40% of pasture composition
	By 2012, the area of bare and degrading sodic soils is reduced by 25%
	By 2012, 80% of cultivated lands managed under minimum tillage
	By 2012, 50% of low productivity arable pasture land will have a desirable perennial plant component greater than 20% of pasture composition
Rivers and wetlands	By 2012, improve the diversity of in-stream habitat within 20% of streams identified as having poor-moderate habitat ratings
	By 2012, maintain the extent and health of nationally listed and regionally significant wetlands within the landscape
Nutrients in aquatic environments	By 2012, establish and maintain effectively managed perennial vegetated buffer strips along a minimum of 20% of the length of streams identified as being contributors of high nutrient loads (maintain if currently greater than 20%)
Turbidity in aquatic environments	By 2012, control streambank erosion and bed lowering in 10% of identified priority streams and manage flow regimes to minimise streambank erosion in all regulated river systems
	By 2012, stabilise and manage 40% of active gully systems in identified priority sub-catchments to control sediment migration within the upland catchment
Native vegetation	By 2012, maintain and enhance native riparian vegetation identified as being slightly degraded along all streams, and improve highly degraded native riparian vegetation along 15% of streams
	The current area of native vegetation across the catchment is not reduced and that by 2012 active management is undertaken in 30% of this area for an improvement in quality
	Retain all significant vegetation communities and by 2012 have improved management to achieve an enhancement in condition in 50% of those areas.
	From 2002 retain and manage existing remnant vegetation within priority key saline landscapes and by 2012 improve the structural characteristics of 30% of that vegetation
Other supporting activities	By 2005, have in place programs which provide community and landowner education on the costs and benefits of conservation, landscape protection and function
	By 2012, 50% of land managers have an integrated property management plan