



Regional Summary 2.01
Border Rivers - Gwydir Region
New South Wales

This Chapter

The first section of the chapter provides an overall summary of investments supported by the NAP and the regional component of the Trust, within the region to 30 June 2005.

The second section summarises the region's investments against the matters for target addressed within the region. This section details the resource condition targets and related management action targets specific to each matter for target addressed through the NAP and the Trust by the region. It also provides a summary of the type of activities supported by these investments and progress in the achievements of these activities to the 30 June 2005.

The third section of the chapter provides the region's assessment of their progress in achieving management action targets and resource condition targets to date, and for those targets anticipated to be achieved during 2004-05.

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Investment summary

This section provides an overall summary of approved investments and expenditure from the various investment streams.

Where applicable, it also details expenditure related to priority funding and regional investments based from accredited regional plans. For these investments, information is provided in relation to the matters for target addressed and the types of activities undertaken. Commencing this year in 2004-05, apart from in Table 1.1, Table 1.2 and Table 1.3, priority action funding and regional investments will be reported together.

Table 1.1 Reported expenditure for approved investments in Border Rivers - Gwydir

Funding stream	Activity Expenditure (\$)			
	July 04 - June 05		Total to June 05	
	NAP	Trust	NAP	Trust
Priority action	478,502	329,210	574,547	329,210
Regional investment	1,554,245		1,554,245	
Total	2,032,747	329,210	2,128,792	329,210

Table 1.2 Major focus of reported expenditure in Border Rivers - Gwydir

Matter for target	Activity Expenditure (\$)			
	July 04 - June 05		Total to June 05	
	NAP	Trust	NAP	Trust
Land Salinity	54,852		54,852	
Soil Condition		45,000		45,000
Surface Water Salinity	431,212		523,027	
Native Vegetation		60,089		60,089
Other Supporting Activities	1,546,683	224,120	1,550,913	224,120
Total	2,032,747	329,210	2,128,792	329,210

Table 1.3 Types of activities in Border Rivers - Gwydir

Activity Type	Activity Expenditure (\$)			
	July 04 - June 05		Total to June 05	
	NAP	Trust	NAP	Trust
Resource assessment	410,145	51,223	501,960	51,223
Planning	13,386		17,616	
Capacity building	1,533,297	277,987	1,533,297	277,987
On-ground activities	75,919		75,919	
Total	2,032,747	329,210	2,128,792	329,210

Investment summary by matter for target

Investments supported by the NAP and the regional component of the Trust, undertaken by the region on a priority basis or through approved regional investment strategies are focussed on the matters for target.

This section provides a summary of the major focus of investments and the reported expenditure related to each of these matters for target. In some cases, investments have had a major focus on more than one matter for target and are not able to be attributed to a particular matter for target. Activities that have been classified as 'other supporting activities', have not been reported in this section.

Each summary for a matter for target describes the expenditure of the activities that contribute to the matter for target. It also provides a description of the outputs achieved through these activities to the 30 June 2005.

Where appropriate to regions with approved investment strategies, each summary also details the management action targets and resource condition targets related to each matter for target addressed through the NAP and the Trust by the region. Where a region has an accredited investment plan and approved investment summary, section three of this Regional Summary summarises the region's assessment of progress towards the achievement of these targets.

Land salinity

Table 2.1.1 Activities with a major focus on land salinity in Border Rivers - Gwydir

Activities	Activity Expenditure (\$)			
	July 04 - June 05		Total to June 05	
	NAP	Trust	NAP	Trust
Monitoring and Evaluating Changes in Salinity to Determine Progress Towards Achieving End of Valley Targets, Within Valley Targets as well as Identifying Hot Spots and Priority Areas	20,000		20,000	
Targeted Investment to Change Landuse Management for Improved Salinity and Water Quality Outcomes in the Border Rivers/Gwydir	34,852		34,852	
Total	54,852		54,852	

Table 2.1.2 Summary of outputs from activities with a major focus on land salinity in Border Rivers - Gwydir

Outputs	July 04 - June 05			Total to July 05		
	NAP	Trust	Joint	NAP	Trust	Joint
Resource assessment						
Decision support tools						
Number of information management systems developed				2		
On-ground activities						
Conservation by agreements						
Number of voluntary conservation agreements				8		

Table 2.1.3 Resource condition targets with a major focus on land salinity in Border Rivers - Gwydir

Resource condition target
By 2012, to minimise the impact of dryland salinity, the area of land where the ground water is within 2 metres of the surface will not exceed 16,800 ha

Soil condition

Table 2.2.1 Activities with a major focus on soil condition in Border Rivers - Gwydir

Activities	Activity Expenditure (\$)			
	July 04 - June 05		Total to June 05	
	NAP	Trust	NAP	Trust
Drought and Groundcover in the NSW Border Rivers Catchment		45,000		45,000
Total		45,000		45,000

Table 2.2.2 Summary of outputs from activities with a major focus on soil condition in Border Rivers - Gwydir

Outputs	July 04 - June 05			Total to July 05		
	NAP	Trust	Joint	NAP	Trust	Joint
Capacity building						
Awareness raising activities						
Number of demonstrations					2	
Number of participants at demonstrations in person-days		20			20	
Skills and training activities						
Number of other key materials developed					3	

Table 2.2.3 Resource condition targets with a major focus on soil condition in Border Rivers - Gwydir

Resource condition target
By 2010, use land in the catchment within its capability and rehabilitate at least 82,972 ha (10%) of the land affected by areal erosion (829,720 ha) in strategic, priority locations throughout the Gwydir catchment

Rivers and wetlands

Table 2.3.1 Management action targets with a major focus on rivers and wetlands in Border Rivers - Gwydir

Management action target
Control stream bank erosion, bed lowering and sedimentation
Greater community awareness and understanding of natural resource and environment management issues in the Border Rivers creating a greater community capacity
Maintain water quality standards
Maintenance of condition and extent of existing native riparian vegetation within the riparian zone
Maintenance of water quality to sustain ecosystem function of riverine environments
No nett increase in rate of streambank erosion, bed lowering and sedimentation
Protection of native aquatic biodiversity

Table 2.3.2 Resource condition targets with a major focus on rivers and wetlands in Border Rivers - Gwydir

Resource condition target
By 2010, the Average Riverine Condition Assessment Index (RCA Index) across the whole Gwydir catchment should improve by at least 2 index points, whilst at the same time no individual sub-catchment should deteriorate in condition
By 2012, the average riverine ecosystem condition in the catchment should increase from "31.5/50" to "34/50", an 8% improvement

Surface water salinity

Table 2.4.1 Activities with a major focus on surface water salinity in Border Rivers - Gwydir

Activities	Activity Expenditure (\$)			
	July 04 - June 05		Total to June 05	
	NAP	Trust	NAP	Trust
Groundwater Data Collection and Interpretation for Border Rivers	231,370		246,580	
Groundwater Investigations for Salinity Management in the Gwydir Catchment	158,775		235,380	
Targeted Investment to Manage Native Vegetation for Salinity, Water Quality and Conservation Outcomes in the Border Rivers/Gwydir	39,906		39,906	
Targeted Investment to Manage Wetlands and Riverine Ecosystems for Water Quality, Salinity and Conservation Outcomes in the Border Rivers/Gwydir	1,161		1,161	
Total	431,212		523,027	

Table 2.4.2 Summary of outputs from activities with a major focus on surface water salinity in Border Rivers - Gwydir

Outputs	July 04 - June 05			Total to July 05		
	NAP	Trust	Joint	NAP	Trust	Joint
Resource assessment						
Baseline, trend or condition studies for targets						
Number of sites monitored				18		
Decision support tools						
Number of information management systems developed	4			8		1
Number of models developed	2			4		
Number of other decision support tools developed	2			6		
Investigations (survey, inventory and mapping and data analysis)						
Number of groundwater studies	3			5		
Number of other studies	2			2		
Number of salinity studies	1			2		
On-ground activities						
Conservation by agreements						
Number of voluntary conservation agreements				1		4

Table 2.4.3 Management action targets with a major focus on surface water salinity in Border Rivers - Gwydir

Management action target
Establish deep rooted perennial vegetation to intercept groundwater
Improvement in water quality in wetlands
Manage significant point sources
No nett increase in salt loads/river EC from new development

Table 2.4.4 Resource condition targets with a major focus on surface water salinity in Border Rivers - Gwydir

Resource condition target
By 2010, median salinity levels in the Mehi River at Bronte should not exceed 390 $\mu\text{s/cm}$ EC and levels should not exceed 730 $\mu\text{s/cm}$ EC more than 20% of the time
By 2010, median salt loads in the Mehi River at Bronte should not exceed 6,500 tonnes/year and loads should not exceed 20,600 tonnes/year more than 20% of the time
By 2012, median salinity levels in the Macintyre River at Mungindi should not exceed 230 $\mu\text{s/cm}$ EC; salinity levels should not exceed 630 $\mu\text{s/cm}$ EC more than 20% of the time

Native vegetation

Table 2.5.1 Activities with a major focus on native vegetation in Border Rivers - Gwydir

Activities	Activity Expenditure (\$)			
	July 04 - June 05		Total to June 05	
	NAP	Trust	NAP	Trust
Managing Vegetation for Conservation in the Darling Riverine Plains and Brigalow Belt South Bioregions of the NSW Border Rivers Catchment		60,089		60,089
Total		60,089		60,089

Table 2.5.2 Summary of outputs from activities with a major focus on native vegetation in Border Rivers - Gwydir

Outputs	July 04 - June 05			Total to July 05		
	NAP	Trust	Joint	NAP	Trust	Joint
Planning						
Improved practice codes or guidelines						
Number of best management practice guidelines developed					2	

Table 2.5.3 Management action targets with a major focus on native vegetation in Border Rivers - Gwydir

Management action target
Adopt BMP for terrestrial and aquatic animal pests
Adopt the no net loss principle
Establish new vegetation for improved biodiversity
Establishment of additional native vegetation across all bioregions to enhance existing vegetation and biodiversity
From 2002 to 2012, maintain HCV value vegetation
Manage weeds consistent with the NSW weed strategy
Native vegetation across all broad vegetation types managed for conservation outcomes
Native vegetation managed for conservation

Table 2.5.4 Resource condition targets with a major focus on native vegetation in Border Rivers - Gwydir

Resource condition target
By 2003, secure native biodiversity by retaining at least 1,418,715 ha (53%) native vegetation cover across the Catchment, of which at least 266,133 ha (10%) of the catchment area is managed for conservation outcomes by 2010
By 2012, establish 8,000 ha, 0.3% of the catchment, of new native vegetation for an improved biodiversity outcome
By 2012, manage 150,000 ha, 6.2% of the catchment, of existing native vegetation for conservation through a formal agreement (currently circa 80,000 ha, 3.3% of the catchment)

Target summary

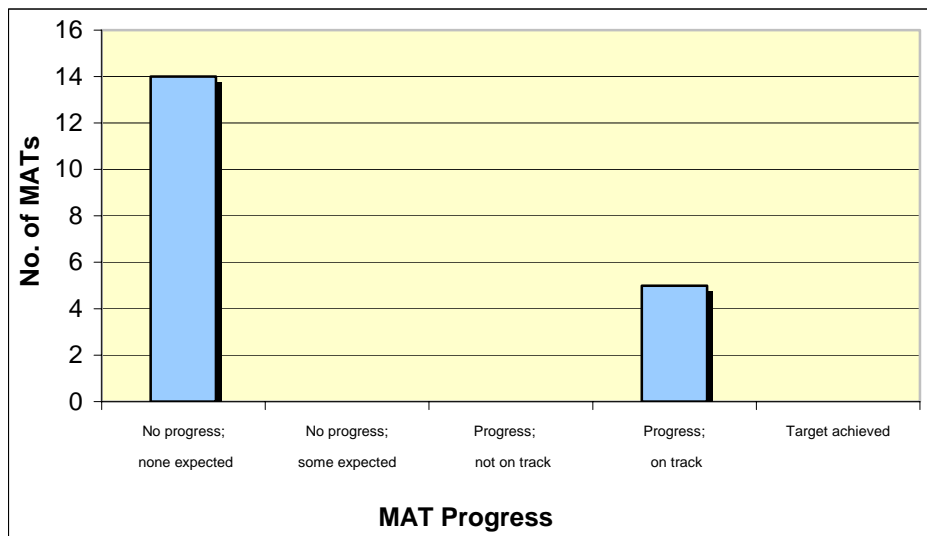
Approved investment strategies detail management action targets (MATs) and resource condition targets (RCTs) targets having a major focus on matters for target, and other supporting activities.

Regions were asked to make an assessment of progress towards the achievement of the targets using the available evidence.

Progress towards achieving each MAT was assessed using the following five-point scale:

- Target achieved or exceeded.
- Progress and on track.
- Progress, but not on track.
- No progress, but some progress was expected.
- No progress, but none expected at this time.

Figure 3.1 Progress towards achieving Management Action Targets in Border Rivers - Gwydir



Progress towards achieving each RCT was assessed using the following five-point scale:

- Evidence of target achieved or exceeded.
- Evidence of progress.
- Evidence of no progress.
- Evidence of regress.
- Insufficient evidence to assess.

Figure 3.2 Progress towards achieving Resource Condition Targets in Border Rivers - Gwydir

