

Native Vegetation and Biodiversity Program

Budget by source of funds (\$000)

[Also show committed funds within the 100/70/50% commitment limits in brackets for years 2 (70%) and 3 (50%) under the full indicative amount (100%)]

Catchment Targets <i>Longer term changes in resource condition</i>	Management Targets <i>Must be capable of showing measurable progress towards Catchment Targets and be able to be reported in the CMAs Annual Report</i>	Milestones <i>A specified significant progress point that demonstrates you are on track to achieve your Management Target (must include a delivery date)</i>			NHT			NSW Matching NHT DEC			NAP			Sustainability Funding			Other (specify amount LG: Local Government LH: Landholders OC: Other Community MDBC)			Total External Funding			Total Investment			
		Year 1: June 05	Year 2: June 06	Year 3: June 07	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3	
By 2010, secure biodiversity by ensuring that the level of native vegetation cover as at March 2001 (currently estimated at 62%) is maintained across the Namoi Catchment with at least 15% of the catchment managed for conservation. The area of native vegetation is to be reasonably distributed across the whole the catchment.	B1 and B2. By 2010, a minimum of 15% ie. 6,300km2 (50% public lands and 50% private land) of the catchment will be managed for conservation (includes native vegetation including wetlands and riparian vegetation). This will include maintaining and improving the extent of: a) existing native vegetation communities within each bioregion by the adoption of management principles that improve condition b) High Conservation Value Vegetation.	4400 ha native vegetation protected *	4400 ha native vegetation protected *	4400 ha native vegetation protected *				95	95	95				660	660	660	595	595	595	660	660	660	1350	1350	1350	
	B3. By 2010, support the maintenance of, or improve, biodiversity with strategic native re-vegetation of an additional 10,000ha.	240 ha native vegetation planted *	260 ha native vegetation planted *	250 ha native vegetation planted *							600	630	600					640	670	660	600	630	600	1240	1300	1260
	TOTAL				0	0	0	95	95	95	600	630	600	660	660	660	1235	1265	1255	1260	1290	1260	2590	2650	2610	

* Investment into conservation or enhancement of native vegetation under the Biodiversity program will be managed through the Property Vegetation Planning process
The PVP Developer will be the preferred decision-support tool for investing funds for native vegetation initiatives, where appropriate.

Riverine Ecosystem Program

Catchment Targets <i>Longer term changes in resource condition</i>	Management Targets <i>Must be capable of showing measurable progress towards Catchment Targets and be able to be reported in the CMAs Annual Report</i>	Milestones <i>A specified significant progress point that demonstrates you are on track to achieve your Management Target (must include a delivery date)</i>			NHT			NSW matching NHT			NAP			Sustainability Funding			Other (specify amount and LG: Local Government LH: Landholders OC: Other Community MDBC)			Total External Funding			Total Investment			
		Year 1: June 05	Year 2: June 06	Year 3: June 07	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3	
By 2010, have a 5% improvement in the Average Riverine Assessment Index for riverine condition, with no deterioration in the current status of any sub catchment	RE2. By 2010 reduce structural degradation of streams by using environmentally sympathetic engineering solutions at 50 strategic locations.	12 environmentally sympathetic engineering structures to reduce instream degradation #	23 environmentally sympathetic engineering structures to reduce instream degradation #	15 environmentally sympathetic engineering structures to reduce instream degradation #							350	590	430				215	360	300	350	590	430	565	950	730	
	RE3. By 2010 establish 100km of native riparian vegetation along both banks of rivers, streams and wetlands in areas of high recovery potential to improve riverine ecosystem health.	45 kms riparian vegetation established *	50 kms riparian vegetation established *	50 kms riparian vegetation established *								775	770	775				775	770	775	775	770	775	1550	1540	1550
	RE4. From 2002 manage all riparian vegetation along all rivers, streams and wetland areas in the Namoi to maintain riverine ecosystem health.	55 kms of riparian veg. managed for riparian health * 5 Aboriginal sites with NRM benefits identified and conserved	60 kms of riparian veg. managed for riparian health * 5 Aboriginal sites with NRM benefits identified and conserved	60 kms of riparian veg. managed for riparian health * 5 Aboriginal sites with NRM benefits identified and conserved	168	149	153								440	440	440	860	810	820	608	589	593	1468	1399	1413
	RE6. By 2010 protect native aquatic biodiversity through the maintenance of appropriate water quality, temperature and flow, the removal of barriers to fish passage, and the control of aquatic pest and weed species in all sub-catchments with an identified conservation value.	4 instream barriers modified to improve fish passage	4 instream barriers modified to improve fish passage	3 instream barriers modified to improve fish passage	300	280	250											100	90	85	300	280	250	400	370	335
	TOTAL				468	429	403	0	0	0	1125	1360	1205	440	440	440	1950	2030	1980	2033	2229	2048	3983	4259	4028	

Targets RE1 and RE5. do not impact on the Investment Strategy and no funds are sought.

RE1. All Water Sharing Plans completed

RE5. Achieve Ecologically Sustainable Yield (ESY) of aquifers in groundwater management areas.

* Investment into conservation or enhancement of native vegetation under the Riverine Ecosystem program will be managed through the Property Vegetation Planning process

The PVP Developer will be the preferred decision-support tool for investing funds for native vegetation initiatives, where appropriate.

See explanation of structures on page 24

River Salinity Program

Budget by source of funds (\$000)

[Also show committed funds within the 100/70/50% commitment limits in brackets for years 2 (70%) and 3 (50%) under the full indicative amount (100%)]

Catchment Targets <i>Longer term changes in resource condition</i>	Management Targets <i>Must be capable of showing measurable progress towards Catchment Targets and be able to be reported in the CMAs Annual Report</i>	Milestones <i>A specified significant progress point that demonstrates you are on track to achieve your Management Target (must include a delivery date)</i>			NHT			NSW matching NHT DIPNR			NAP			Sustainability Funding			Other (specify amount and LG: Local Govt LH: Landholders OC: Other Community MDBC:			Total External Funding			Total Investment		
		Year 1: June 05	Year 2: June 06	Year 3: June 07	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3
By 2010, median salinity levels in the Namoi R. at Goangra should not exceed 550um/cm EC and levels should not exceed 1000um/cm more than 20% of the time.	RS1. By 2010 to have all land managers (including urban) using better management practices throughout the catchment to minimise the mobilisation of salt to rivers.	No milestone - covered by DS1	No milestone - covered by DS1	No milestone - covered by DS1																					
	RS2. By 2010, halt existing gully erosion and bed lowering within priority salinity sub catchments by constructing 1000 gully control and bed lowering structures to reduce the mobilisation of salt to the river.	55 environmentally sympathetic engineering structures to reduce "point source" salinity #	55 environmentally sympathetic engineering structures to reduce "point source" salinity #	50 environmentally sympathetic engineering structures to reduce "point source" salinity #							390	400	360				345	345	310	390	400	360	735	745	670
By 2010, the median salt level at Goangra should not exceed 110,000t and levels should not exceed 315,000t more than 20% of the time.	RS4. By 2010 existing point sources of river salinity to have a reduction of 10% on 2001 salt loads.	Salt discharge from point sources reduced by 1%	Salt discharge from point sources reduced by 1%	Salt discharge from point sources reduced by 1%						630	640	625				875	890	860	630	640	625	2045	2085	2040	
	TOTAL				0	0	0	0	0	0	1020	1040	985	0	0	0	1760	1790	1725	1020	1040	985	2780	2830	2710

Target RS3 does not impact on the Investment Strategy and no funds are sought.

RS3. From 2001, new investment, requiring a Development Application or requiring approval under Part 5 of EP&A Act, to result in no net increase in the salt load to the river.

See explanation of structures on page 27

Salinity Program

Budget by source of funds (\$000)

[Also show committed funds within the 100/70/50% commitment limits in brackets for years 2 (70%) and 3 (50%) under the full indicative amount (100%)]

Catchment Targets <i>Longer term changes in resource condition</i>	Management Targets <i>Must be capable of showing measurable progress towards Catchment Targets and be able to be reported in the CMAs Annual Report</i>	Milestones			NHT			NSW matching NHT			NAP			Sustainability Funding			Other (specify amount LG: Local Government LH: Landholders OC: Other Community MDBC:			Total External Funding			Total Investment				
		Year 1: June 05	Year 2: June 06	Year 3: June 07	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3		
By 2010, reduce the mobilisation of salt across the catchment by ensuring the area of land affected by watertables within 2 metres of the surface do not exceed the current level of 2896 hectares.	DS1. By 2010, have 60% of land managers and an area of 18,600km ² across the whole of the Namoi catchment managed to minimise the mobilisation of salt to a set of agreed BMP's and in identified hazard areas to increase the adoption rate to 80%.	2080 ha perennial pastures improved or established; 3500 ha pastures managed under BMP * 230 ha native vegetation planted for salinity control * 7500 ha cropping (including irrigation) land managed under BMP	2500 ha perennial pastures improved or established; 3600 ha pastures managed under BMP * 270 ha native vegetation planted for salinity control * 8500 ha cropping (including irrigation) land managed under BMP	2200 ha perennial pastures improved or established; 3600 ha pastures managed under BMP * 260 ha native vegetation planted for salinity control * 8000 ha cropping (including irrigation) land managed under BMP																							
	DS3. From 2001, retain all vegetation on saline discharge areas and establish an additional 1000 ha of ground cover to be managed at greater than 70% cover.	120 ha salt affected areas rehabilitated	150 ha salt affected areas rehabilitated	150 ha salt affected areas rehabilitated																							
TOTAL					0	0	0	0	0	0	0	0	1940	2135	2045	0	0	0	2390	2575	2515	1940	2135	2045	4330	4710	4560

Target DS2 does not impact on the Investment Strategy and no funds are sought.

DS2. By 2010 Cap and Pipe all (25) high flow bores (>5L/s) in the Namoi portion of the GAB.

* Investment into conservation or enhancement of native vegetation under the Salinity program will be managed through the Property Vegetation Planning process

The PVP Developer will be the preferred decision-support tool for investing funds for native vegetation initiatives, where appropriate.

Soil Health Program

Budget by source of funds (\$000)

[Also show committed funds within the 100/70/50% commitment limits in brackets for years 2 (70%) and 3 (50%) under the full indicative amount (100%)]

Catchment Targets <i>Longer term changes in resource condition</i>	Management Targets <i>Must be capable of showing measurable progress towards Catchment Targets and be able to be reported in the CMAs Annual Report</i>	Milestones			NHT			NSW matching NHT DPI			NAP			Sustainability Funding			Other (specify amount LG: Local Government LH: Landholders OC: Other Community MDBC:			Total External Funding			Total Investment		
		Year 1: June 05	Year 2: June 06	Year 3: June 07	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3
By 2010, regenerate and rehabilitate at least 4000km² (25%) of the land affected by areal erosion (16000km²) throughout the Namoi Catchment in strategic, priority locations	S1. By 2010 increase the percentage of resource managers using land within its capability throughout the catchment to 60% and an area of 18600km ² and in identified hazard areas to increase the adoption rate to 80%.	2750 ha perennial pastures established	2880 ha perennial pastures established	2920 ha perennial pastures established							655	710	705				815	890	900	655	710	705	1470	1600	1605
		140 ha native vegetation established *	160 ha native vegetation established *	160 ha native vegetation established *																					
	S2. By 2010, increase the percentage of resource managers implementing integrated property management plans on their property from 5% to at least 20%	100 property plans completed	100 property plans completed	100 property plans completed							125	125	125				155	160	155	125	125	125	280	285	280
	S3. By 2010, increase the percentage of landholders using conservation farming practices (minimum/no till cropping, crop and pasture rotation, sustainable stock management, stubble retention and soil/water conservation works) from 25% to at least 75%.	5000 ha managed under Sustainable Farming practices 4200 ha protected by soil conservation earthworks	5650 ha managed under Sustainable Farming practices 4100 ha protected by soil conservation earthworks	5350 ha managed under Sustainable Farming practices 4000 ha protected by soil conservation earthworks							935	1000	935				1165	1245	1200	935	1000	935	2100	2245	2135
TOTAL				0	0	0	0	0	0	0	1715	1835	1765	0	0	0	2135	2295	2255	1715	1835	1765	3850	4130	4020

* Investment into conservation or enhancement of native vegetation under the Soil Health program will be managed through the Property Vegetation Planning process. The PVP Developer will be the preferred decision-support tool for investing funds for native vegetation initiatives, where appropriate.

Summary of Total Investment for Namoi Catchment 2004/05 - 2006/07																			
	NHT			NSW matching NHT			NAP			Sustainability Funding			Other (specify amount and source) LG: Local Government LH: Landholders OC: Other Community			Totals			Program
	\$ m			\$ m			\$ m			\$ m			\$ m			\$ m			
	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3	
Budgeted				0.095	0.095	0.095	0.600	0.630	0.600	0.660	0.660	0.660	1.235	1.265	1.255	2.590	2.650	2.610	BIODIVERSITY
Committed (External Funds only)							0.600	0.441	0.300	0.660	0.462	0.330							
Budgeted	0.468	0.429	0.403				1.125	1.360	1.205	0.440	0.440	0.440	1.950	2.030	1.980	3.983	4.259	4.028	RIVERINE ECOSYSTEMS
Committed (External Funds only)	0.468	0.300	0.202				1.125	0.952	0.603	0.440	0.308	0.220							
Budgeted							1.020	1.040	0.985				1.760	1.790	1.725	2.780	2.830	2.710	RIVER SALINITY
Committed (External Funds only)							1.020	0.728	0.493										
Budgeted							1.940	2.135	2.045				2.390	2.575	2.515	4.330	4.710	4.560	SALINITY
Committed (External Funds only)							1.940	1.495	1.023										
Budgeted							1.715	1.835	1.765				2.135	2.295	2.255	3.850	4.130	4.020	SOIL HEALTH
Committed (External Funds only)							1.715	1.285	0.883										
Total Budget	0.468	0.429	0.403	0.095	0.095	0.095	6.400	7.000	6.600	1.100	1.100	1.100	9.470	9.955	9.730	17.533	18.579	17.928	YEARLY TOTAL
Committed (External Funds only)	0.468	0.300	0.202	0.000	0.000	0.000	6.400	4.900	3.300	1.100	0.770	0.550	0.000	0.000	0.000	0.000	0.000	0.000	
													\$m						
													Total NHT + NAP + SSF=	24.600					
													NHT Yr 1+2+3 =	1.300					
													NAP Yr 1+2+3 =	20.000					
													Sust. Fund Yr 1+2+3=	3.300					
													NSW Matching NHT 1+2+3=	0.285					
													Other Contributions Yr1-3=	29.155					
													Total Investment Strategy Yr 1-3=	54.040					