

## Murray-Darling Basin Environmental Water Recovery Report - As at 30 June 2009

### General notes about the tables

1. Owner refers to the owner of the licence entitlement after the project has been completed. Projects may result in ownership transferring from one government to another government.
2. Program refers to the name of the program that may operate across governments to recover environmental water (e.g. Water for Rivers and the Living Murray Initiative (TLM)). The Commonwealth's Water for the Future program includes Water Smart Australia, Sustainable Rural Water Use and Infrastructure Program, and Restoring the Balance in the Murray-Darling Basin. These have been shown as the program in this report.
3. Projects are the specific initiatives that have been completed under a program. Some projects may have the same name as the program.
4. Type of initiative refers to the type of recovery initiatives including:
  - purchasing entitlements from market;
  - purchasing allocations from market (this is called temporary water e.g. a volume of water that is only secured for use in single year);
  - savings from infrastructure improvements; and
  - other (e.g. groundwater, gifts, identified savings from government reviews of water requirements by government).
5. Volumes are expressed in long-term cap equivalents (LTCE), where available. If the LTCE has not been determined or provided the volume is expressed as either the entitlement volume or the temporary volume of water purchased (allocation). The recovered volumes are reported separately and should not be aggregated. Volumes are expressed in gigalitres (GL).
6. The reliability class refers to the level of security associated with the license. This determines the percentage of water that may be allocated to a entitlement holder in a particular valley in any year.
7. Cost of water recovered reflects the actual cost of the project to recover the water in millions of dollars. This has been separated into the costs associated with recovering LTCE water and entitlement water.
8. Funding by source reflects the levels of financial contributions by government and other stakeholders to each project. Included within Other Government are the Murray-Darling Basin Authority, Melbourne Water, Goulburn-Murray Water, Grampians-Wimmera-Mallee Water and catchment management authorities.
9. Date completed is the date when the water recovered has become available to use in environmental watering. For TLM projects this is the date when the water recovered has been listed on the Environmental Water Register.
10. Water for Rivers is a joint initiative between New South Wales (\$150 million), Victoria (\$150 million) and the Commonwealth (\$75 million) to recover 282 GL (70 GL for the River Murray and 212 GL for the Snowy River) for environmental flows. The entitlement is recovered within the Basin and is applied 1/3 to the River Murray and 2/3 to the Snowy River (outside the MDB). In addition, the Commonwealth has provided additional funding of \$50 million to assist Water for Rivers to achieve the outcome.
11. Funding by source dollars reported in the tables may not add to the total cost columns. This is due to rounding of the individual contributions and does not change the total cost figures.

**TABLE 1: Verified and achieved environmental water entitlements since June 2004**

Owner	Program / Project Title / Type of Initiative	Volume recovered (GL)		Reliability Class	Cost of recovered water (\$m) <sup>8</sup>		Funding by source (\$m) <sup>9</sup>						Date completed	
		LTCE	Entitlement		LTCE	Entitlement	Cth	NSW	VIC	QLD	SA	ACT		Other Gov
Cwlth	Restoring the Balance in the MDB / Restoring the Balance in the MDB / Market purchase <sup>1</sup>		64.0	NSW High, General VIC High, Low SA High		76.8	76.8							Jun-09
Cwlth	Restoring the Balance in the MDB / Restoring the Balance in the MDB - Toorale purchase / Market purchase		15.8	Licence under section 12 of Water Act (NSW) 1912.		16.1	16.1							Dec-08
Cwlth	TLM / Australian Government Water Through Efficiency Tender / Infrastructure	0.2		NSW Murray General Security, NSW Lower Darling General Security	0.3		0.08	0.04	0.04		0.03		0.08	Oct-08
MDBA	Northern Basin Program / 2008 Narran Lakes environmental water purchase / Market purchase		10.4	2008 purchase of temporary water – no recurring volume		2.0							2.0	May-08
MDBA	TLM / Pilot Market Purchase Measure / Market purchase	13.2		VIC High Security and NSW General Security	21.6		6.2	3.5			2.0		9.9	Nov-08
NSW	NSW Rivers Environment Restoration Program / Acquisition and management of environmental water / Market purchase <sup>2</sup>		80.7	NSW General Security & Supplementary Access		108.2	42.5	65.7						Jun-09

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Owner	Program / Project Title / Type of Initiative	Volume recovered (GL)		Reliability Class	Cost of recovered water (\$m) <sup>8</sup>		Funding by source (\$m) <sup>9</sup>							Date completed
		LTCE	Entitlement		LTCE	Entitlement	Cth	NSW	VIC	QLD	SA	ACT	Other Gov	
NSW	NSW Wetlands Water Recovery program / NSW Wetlands Water Recovery / Market purchase <sup>3</sup>		9.3	NSW General Security & Supplementary Access		12.6	6.3	6.3						Apr-09
NSW	TLM / NSW Package B / Infrastructure <sup>3</sup>	56.0		NSW General security & Licence under section 12 of Water Act (NSW) 1912.	60.7		16.5	12.2	9.6		5.4		17.0	Jun-09
NSW	TLM / NSW Market Purchase Measure / Market purchase <sup>3</sup>	91.8		High Security & General Security	161.2		45.9	36.0	18.5		13.5		47.2	Jun-09
NSW	TLM / Murray Irrigation Limited Supplementary Water Access License / Market purchase	17.8		Supplementary Access	20.1			3.3					16.8	Jun-09
NSW	TLM / Rice Growers Association On-farm Efficiency_A1 / Infrastructure	1.2		NSW General Security	3.3						0.3		3.0	Jun-09
NSW	TLM / Tandou Limited Supplementary Access License / Market purchase	9.3		Supplementary Access	13.6			13.6						Jun-09
NSW	Water for Rivers / Hay Private Irrigation District Stock & Domestic Pipeline / Infrastructure	1.0		Conveyance	1.4		0.29	0.56	0.56					Apr-09
NSW	Water for Rivers / Barren Box Swamp / Infrastructure	19.3		Conveyance	29.2		5.9	11.7	11.7					Jun-07

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Owner	Program / Project Title / Type of Initiative	Volume recovered (GL)		Reliability Class	Cost of recovered water (\$m) <sup>8</sup>		Funding by source (\$m) <sup>9</sup>							Date completed
		LTCE	Entitlement		LTCE	Entitlement	Cth	NSW	VIC	QLD	SA	ACT	Other Gov	
NSW	Water for Rivers / Coleambally Irrigation Co-op Ltd / Infrastructure	3.4		Conveyance	4.9		1.0	2.0	2.0					Jun-07
NSW	Water for Rivers / Forest Creek Stage 1 Alternative Stock & Domestic Supply / Infrastructure	10.7		High Security	4.6		0.9	1.8	1.8					Mar-05
NSW	Water for Rivers / Forest Creek Stage 2 / Infrastructure	22.2		High Security	16.8		3.4	6.7	6.7					Jun-08
NSW	Water for Rivers / On-farm Reconfiguration / Infrastructure	13.7		General Security	24.2		4.8	9.7	9.7					Jun-08
NSW	Water for Rivers / Water Purchase / Market purchase	38.6		General Security	56.2		11.2	22.5	22.5					Apr-09
QLD	Gift from Queensland water announced by the Premier in September 2008 / Gifted water: Moonie Catchment / Other <sup>4</sup>		1.415	QLD Water Harvesting License		Nil								Apr-09
QLD	Gift from Queensland water announced by the Premier in September 2008 / Gifted Water: Upper Warrego Catchment / Other <sup>4</sup>		6.05	QLD Water Harvesting License		Nil								Apr-09

**TABLE 1: Verified and achieved environmental water entitlements since June 2004**

Owner	Program / Project Title / Type of Initiative	Volume recovered (GL)		Reliability Class	Cost of recovered water (\$m) <sup>8</sup>		Funding by source (\$m) <sup>9</sup>							Date completed
		LTCE	Entitlement		LTCE	Entitlement	Cth	NSW	VIC	QLD	SA	ACT	Other Gov	
QLD	Gift from Queensland water announced by the Premier in September 2008 / Gifted Water: Lower Warrego Catchment / Other <sup>4</sup>		10.0	QLD Water Harvesting License		Nil								Apr-09
QLD	Gift from Queensland water announced by the Premier in September 2008 / Gifted Water: Nebine Catchment / Other <sup>4</sup>		5.92	QLD Water Harvesting License		Nil								Apr-09
QLD	Gift from Queensland water announced by the Premier in September 2008 / Gifted Water: Border Rivers Catchment / Other <sup>4</sup>		3.0	QLD Water Harvesting License		Nil								Apr-09
SA Minister for the River Murray	TLM / Securing Government Held Water for Environmental Use / Other	13.0		High Security	19.5		5.6	3.2	3.2		2.0		5.6	Mar-08
SA Minister for the River Murray	TLM / Purchase from Willing Sellers - Stage 1 / Market purchase	5.0		High Security	11.1			1.8	1.8		1.1		6.3	Jun-09
SA Minister for the River Murray	TLM / Securing Government Held Water and Purchases from Willing Sellers / Other and Market purchase	17.0		High Security	43.5		10.9				24.9		7.7	Jun-09

**TABLE 1: Verified and achieved environmental water entitlements since June 2004**

Owner	Program / Project Title / Type of Initiative	Volume recovered (GL)		Reliability Class	Cost of recovered water (\$m) <sup>8</sup>		Funding by source (\$m) <sup>9</sup>						Date completed	
		LTCE	Entitlement		LTCE	Entitlement	Cth	NSW	VIC	QLD	SA	ACT		Other Gov
Victoria Minister for the Environment	Northern Mallee Pipeline / Northern Mallee Pipeline / Infrastructure	34.7		High Reliability	51.0		17.9		17.9				15.2	Jun-04
Victoria Minister for the Environment	TLM / Goulburn-Murray Water Recovery Package / Regulatory <sup>3</sup>	120.0		Low Reliability	43.0		17.2	9.9	10.3		5.6			Mar-08
Victoria Minister for the Environment	Water for Rivers / Broken License Purchase / Market purchase	1.0		High Reliability	1.2		0.2	0.5	0.5					Dec-06
Victoria Minister for the Environment	Water for Rivers / Goulburn Strategic Measurement project / Infrastructure <sup>5</sup>	2.0		High Reliability	6.4		1.2	2.6	2.6					Apr-09
Victoria Minister for the Environment	Water for Rivers / Improved Measurement of Small Volume supplies in Irrigation Districts excluding Normanville and Woorinen / Infrastructure	16.4		High Reliability	12.4		2.4	5.0	5.0					Dec-05
Victoria Minister for the Environment	Water for Rivers / Normanville Stock & Domestic Pipeline / Infrastructure	3.9		High Reliability	3.9		0.7	1.6	1.6					Dec-04

**TABLE 1: Verified and achieved environmental water entitlements since June 2004**

Owner	Program / Project Title / Type of Initiative	Volume recovered (GL)		Reliability Class	Cost of recovered water (\$m) <sup>8</sup>		Funding by source (\$m) <sup>9</sup>							Date completed
		LTCE	Entitlement		LTCE	Entitlement	Cth	NSW	VIC	QLD	SA	ACT	Other Gov	
Victoria Minister for the Environment	Water for Rivers / Water Purchase / Market purchase		26.7	High Reliability, Low Reliability		18.6	3.6	7.5	7.5					Apr-09
Victoria Minister for the Environment	Water for Rivers / Woorinen Stock & Domestic Pipeline / Infrastructure	1.5		High Reliability	1.9		0.3	0.8	0.8					Dec-04
Victoria Minister for the Environment	Water for Rivers / On-farm Reconfiguration VIC / Other		9.9	High Reliability, Low Reliability		16.0	3.2	6.4	6.4					Jun-09
Victoria Minister for the Environment	Wimmera Mallee Pipeline / Wimmera Mallee Pipeline / Infrastructure		40.6	High Reliability		265.9	102.8		102.8				60.3	Apr-09
<b>Total</b>		<b>512.8</b>	<b>273.3<sup>6</sup></b>		<b>611.9</b>	<b>514.2<sup>7</sup></b>	<b>403.9</b>	<b>234.9</b>	<b>243.5</b>	<b>Nil</b>	<b>54.80</b>	<b>Nil</b>	<b>191.1</b>	

**Disclosure Notes for Table 1**

1. See Table 2 for Twynam purchase. This will be transferred to Table 1 when the administrative processes to transfer the water is completed.
2. This incorporates NSW RiverBank water purchases.
3. See Table 2 for total cost of project.
4. Entitlement volumes reserved in Water Plan. Entitlement to be transferred to the Commonwealth Environmental Water Holder (CEWH) at a future date. This volume was acquired at nil cost.
5. Awaiting ministerial approval for transfer.
6. The total entitlement volume recovered is 273.3GL. This column includes a single purchase of 10.4GL temporary water in 2008 by the MDBA. This amount is not included in the total entitlement volume.

**TABLE 1: Verified and achieved environmental water entitlements since June 2004**

7. The cost of recovered entitlements is \$514.2 million. This column includes a single purchase of 10.4GL temporary water costing \$2 million. The \$2 million is not included in the total entitlement cost.
8. Funding by source dollars reported in the table may not add to the total cost column. This is due to rounding of the individual contributions and does not change the total cost figures.
9. The sum of individual projects may not aggregate to the total for each funding by source. This is due to rounding of the individual contributions and does not change the total funding by source figures.

**Summary of environmental water holdings by owner**

- \*Notes for table:
1. The volume of water recovered by an owner is equal to the LTCE, unconverted entitlements and temporary water.
  2. 'Unconverted Entitlement' is defined as a combination of varying classes of licensed entitlements that at this point in time are unable to be converted into an LTCE.

Owner	LTCE (GL)
Cwlth	0.180
MDBA	14.380
NSW	283.690
VIC	179.500
QLD	Nil
SA	35.000
<b>Total</b>	<b>512.760</b>

Owner	Unconverted Entitlement (GL)
Cwlth	63.977
MDBA	Nil
NSW	105.745
VIC	77.160
QLD	26.385
SA	Nil
<b>Total</b>	<b>273.267</b>

Owner	Temporary Water (GL)
Cwlth	Nil
MDBA	10.423
NSW	Nil
VIC	Nil
QLD	Nil
SA	Nil
<b>Total</b>	<b>10.423</b>

**TABLE 2: Announced or budgeted commitments to deliver environmental water entitlements**

Lead Jurisdiction	Program / Project Title / Type of Initiative	Total funding announced (\$m) <sup>39</sup>	Funding by Source (\$m) <sup>40</sup>								Expected Date of Completion
			Cth	NSW	VIC	QLD	SA	ACT	Other Govt	Other Private	
Cwth	ACT State Priority Project / Measures to reduce salt outflows / Infrastructure	85.0	85.0								Unknown
Cwth	NSW Rivers Environmental Restoration package / Coleambally Water Smart Australia / Infrastructure	26.2	12.5							13.7	Unknown
Cwth	NSW Rivers Environmental Restoration package / Lake Brewster Water efficiency project / Infrastructure <sup>1</sup>	12.5	7.5						5.0		Unknown
Cwth	NSW Rivers Environmental Restoration package / Murrumbidgee River Reach / Infrastructure <sup>2</sup>	4.5	3.7						0.2	0.5	Unknown
Cwth	NSW Rivers Environmental Restoration package / Pipeline NSW - Inland Rivers / Infrastructure	7.0	3.5	3.5							Unknown
Cwth	NSW State Priority projects / Basin Pipe North and South / Infrastructure <sup>3</sup>	137.0	137.0								Unknown
Cwth	NSW State Priority projects / Groundwater and Unregulated River metering / Infrastructure <sup>4</sup>	131.0	131.0								Unknown
Cwth	NSW State Priority projects / Healthy Floodplains / Infrastructure <sup>5</sup>	50.0	50.0								Unknown
Cwth	NSW State Priority projects / Irrigated Farm Modernisation / Infrastructure <sup>6</sup>	300.0	300.0								Unknown
Cwth	NSW State Priority projects / Private Irrigation Infrastructure Operators program / Infrastructure <sup>7</sup>	650.0	650.0								Unknown
Cwth	NSW State Priority projects / Regulated River Metering / Infrastructure <sup>8</sup>	90.0	90.0								Unknown
Cwth	Sustainable Rural Water Use and Infrastructure Program / On-Farm Irrigation Efficiency (Pilot Project Border Rivers-Gwydir Catchment Management Authority) / Infrastructure	2.8	2.8								Dec-09
Cwth	Sustainable Rural Water Use and Infrastructure Program / On-Farm Irrigation Efficiency (Pilot Project Lachlan Catchment Management Authority) / Infrastructure	1.5	1.5								Dec-09

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Lead Jurisdiction	Program / Project Title / Type of Initiative	Total funding announced (\$m) <sup>39</sup>	Funding by Source (\$m) <sup>40</sup>								Expected Date of Completion	
			Cth	NSW	VIC	QLD	SA	ACT	Other Govt	Other Private		
Cwlth	Sustainable Rural Water Use and Infrastructure Program / On-Farm Irrigation Efficiency (Pilot Project Murray Irrigation Limited) / Infrastructure	1.3	1.3									Dec-09
Cwlth	Sustainable Rural Water Use and Infrastructure Program / On-Farm Irrigation Efficiency Program / Infrastructure	300.0	300.0									Unknown
Cwlth	QLD State Priority projects / Healthy Headwater Program - On-Farm Infrastructure Investments / Infrastructure <sup>9</sup>	115.0	115.0									Unknown
Cwlth	QLD State Priority projects / Healthy Headwater Program - Sunwater Modernisation / Infrastructure <sup>10</sup>	40.0	40.0									Unknown
Cwlth	Restoring the Balance in the Murray-Darling Basin / Australian Government Water Purchase Program / Market Purchase <sup>11</sup>	3,083.9	3,083.9									Jun-17
Cwlth	SA State Priority Project / Integrated Pipeline Project / Infrastructure <sup>12</sup>	120.0	120.0									Unknown
Cwlth	SA State Priority Project / Murray Futures Program – Lower Lakes / Infrastructure <sup>13</sup>	200.0	200.0									Unknown
Cwlth	SA State Priority Project / Riverine Recovery / Infrastructure <sup>14</sup>	100.0	100.0									Unknown
Cwlth	SA State Priority Project / Riverland of SA / Infrastructure <sup>15</sup>	110.0	110.0									Unknown
Cwlth	Sustainable Rural Water Use and Infrastructure Program / Broken Hill Managed Aquifer Recharge Project / Infrastructure <sup>16</sup>	Nil	Nil									Unknown
Cwlth	Sustainable Rural Water Use and Infrastructure Program / Clarence Water Transfer System (CWTS) Upgrade / Infrastructure <sup>17</sup>	4.0	4.0									Apr-11
Cwlth	Sustainable Rural Water Use and Infrastructure Program / Menindee Lakes Project / Infrastructure <sup>18</sup>	400.0	400.0									Unknown
Cwlth	Sustainable Rural Water Use and Infrastructure Program / Warren to Nyngan Pipeline election Commitment / Infrastructure <sup>19</sup>	12.0	12.0									Jun-12

**TABLE 2: Announced or budgeted commitments to deliver environmental water entitlements**

Lead Jurisdiction	Program / Project Title / Type of Initiative	Total funding announced (\$m) <sup>39</sup>	Funding by Source (\$m) <sup>40</sup>								Expected Date of Completion
			Cth	NSW	VIC	QLD	SA	ACT	Other Govt	Other Private	
Cwlth	VIC State Priority projects / Northern Victoria Irrigation Renewal Project (NVIRP) Stage 2 / Infrastructure <sup>20</sup>	551.5	551.5								Unknown
Cwlth	Water for Rivers / Additional assistance for Water for Rivers to recover 21% ANF in the Snowy River by 2012 / Unknown <sup>21</sup>	Nil	Nil								Dec-12
MDBA	TLM / Environmental Water Purchase Project / Market purchase	51.4	25.7						25.7		Dec-09
MDBA	TLM / Sustainable Soils & Farms On-farm Reconfiguration Demonstration formerly known as Sustainable Dairy Farms On-farm Reconfiguration Demonstration / Market purchase <sup>22</sup>	7.5	2.1						5.5		Unknown
NSW	NSW Rivers Environmental Restoration program / Acquisition and management of environmental water / Market purchase <sup>23</sup>	147.4	45.9	101.5							Jun-11
NSW	NSW Rivers Environmental Restoration program / Better delivery of environmental water / Infrastructure	Nil	Nil								Jun-11
NSW	NSW Rivers Environmental Restoration program / Enabling better use of environmental water / Other	Nil	Nil								Jun-11
NSW	NSW Rivers Environmental Restoration program / Partnerships for the management of environmental water on private land / Market purchase and Infrastructure	Nil	Nil								Jun-11
NSW	NSW Wetlands Water Recovery / NSW Wetlands Water Recovery / Market purchase and Infrastructure <sup>24</sup>	26.8	13.4	13.4							Unknown
NSW	TLM / NSW Market Purchase Measure / Market purchase <sup>26</sup>	205.7	58.7	45.8	23.7		17.2		60.3		Jun-09
NSW	TLM / NSW Package B / Infrastructure <sup>27</sup>	60.7	17.4	10.4	10.0		5.7		17.4		Jun-09
NSW	TLM / NSW TLM Wetlands Water Savings formerly known as NSW Wetland Water Recovery Stage 1 / Infrastructure	1.4		1.4							Jun-09

**TABLE 2: Announced or budgeted commitments to deliver environmental water entitlements**

Lead Jurisdiction	Program / Project Title / Type of Initiative	Total funding announced (\$m) <sup>39</sup>	Funding by Source (\$m) <sup>40</sup>								Expected Date of Completion
			Cth	NSW	VIC	QLD	SA	ACT	Other Govt	Other Private	
NSW	TLM / Pipe It / Infrastructure	0.4		0.4							Jun-09
NSW	TLM / Rice Growers Association On-farm Efficiency Project Round 2 / Infrastructure	18.1		9.5					8.6		Feb-10
NSW	Water for Rivers / Koraleigh Stock & Domestic Pipeline / Infrastructure	4.2	0.8	1.7	1.7						Jun-10
NSW	Water for Rivers / Murrumbidgee Water Efficiency Project / Infrastructure	50.0	10.0	20.0	20.0						Jun-12
NSW	Water for Rivers / Wah Wah Stock & Domestic Pipeline / Infrastructure <sup>29</sup>	40.0	8.0	16.0	16.0						Jun-12
NSW	Water for Rivers / Water Purchase / Market purchase	Nil									Jun-09
NSW	Water for Rivers / Yanco Creek Water Efficiency Project / Infrastructure	10.0	2.0	4.0	4.0						Jun-11
VIC	Northern Victoria Irrigation Renewal / Northern Victoria Irrigation Renewal Project (NVIRP) Stage 1 / Infrastructure <sup>32</sup>	333.3			200.0				133.3		Dec-12
VIC	Other Victorian / Lake Mokoan Recovery Project / Infrastructure	11.7			11.7						Jun-09
VIC	River Murray Environmental Flows Fund (RMEFF) / Lake Mokoan Recovery Project / Infrastructure	19.0			14.0		5.0				Jun-09
VIC	TLM / Goulburn-Murray Water Recovery Package / Infrastructure and Regulatory <sup>33</sup>	93.0	37.2	21.4	22.3		12.1				Jun-09
VIC	TLM / Lake Mokoan Recovery Project / Infrastructure	39.2	11.2		16.9				11.2		Jun-09
VIC	TLM / Shepparton IA Modernisation Project / Infrastructure <sup>34</sup>	86.2	24.6		36.9				24.6		Jun-09
VIC	VIC govt / Goulburn Strategic Measurement Project / Infrastructure <sup>35</sup>	6.4	1.3	2.6	2.6						Jun-09
VIC	VIC govt / Shepparton IA Modernisation Project / Infrastructure <sup>36</sup>	55.7			37.5				18.2		Jun-10
VIC	Water for Rivers / Central Goulburn 1234 Channel Automation project (CG1234) / Infrastructure <sup>37</sup>	42.7	8.5	17.1	17.1						Dec-11

**TABLE 2: Announced or budgeted commitments to deliver environmental water entitlements**

Lead Jurisdiction	Program / Project Title / Type of Initiative	Total funding announced (\$m) <sup>39</sup>	Funding by Source (\$m) <sup>40</sup>								Expected Date of Completion
			Cth	NSW	VIC	QLD	SA	ACT	Other Govt	Other Private	
VIC	Water for Rivers / Lake Mokoan Recovery Project / Infrastructure	38.1	7.6	15.2	15.2						Jun-09
VIC	Wimmera Mallee Pipeline / Wimmera Mallee Pipeline / Infrastructure <sup>38</sup>	554.0	216.0		216.0				122.0		Jun-10
<b>Total</b>		<b>8,431.7</b>	<b>7,001.3</b>	<b>281.3</b>	<b>663.0</b>	<b>0</b>	<b>40.0</b>	<b>0</b>	<b>432.0</b>	<b>14.2</b>	

**Disclosure notes for Table 2**

1. Water savings to be shared between the environment, State Water and water users.
2. Water savings may supply an additional 40 GL of water during wet years to supplement environmental flows in the Murrumbidgee Valley.
3. Cwlt in principle commitment of up to \$137 million. Project in due diligence phase.
4. Cwlt in principle commitment of up to \$131 million. Project in due diligence phase.
5. Cwlt in principle commitment of up to \$50 million. Project in due diligence phase.
6. Cwlt in principle commitment of up to \$300 million. Project in due diligence phase.
7. Project formerly classified under the Private Irrigation Infrastructure Operators program and this project is now classified under the NSW State Priority program.
8. Cwlt in principle commitment of up to \$90 million. Project in due diligence phase.
9. Project forms part of the Healthy Headwater Program which is funded to \$160 million.
10. Project forms part of the Healthy Headwater Program which is funded to \$160 million.
11. The Twynam purchase which will recover approximately 239.8GL of entitlement volume at a cost of \$304 million. When the administrative procedures are completed to transfer this water this transaction will be listed on Table 1.
12. Cwlt in principle commitment of up to \$120 million. Project in due diligence phase.
13. Cwlt in principle commitment of up to \$200 million. Project in due diligence phase.
14. Cwlt in principle commitment of up to \$100 million. Project in due diligence phase. This project was formerly known as Wetlands and Pump Relocation project.
15. Cwlt in principle commitment of up to \$110 million. Project formerly classified under the Private Irrigation Infrastructure Operators program and this project is now classified under the SA State Priority program.

**TABLE 2: Announced or budgeted commitments to deliver environmental water entitlements**

16. The Commonwealth has made an election commitment of \$400 million for the Menindee Lakes upgrade project. See the Menindee Lakes project for details.
17. Commonwealth acquisition of water from this project cannot be assured due to the unorthodox nature of Lithgow Council's water entitlements. These amount to a contract with State Water Corporation for supply of water from the Fish River Water Supply system. It is uncertain at this stage if rights to this water can be transferred to the Commonwealth for environmental purposes in the MDB. Project formerly known as the Lithgow Recycled Water Project Election Commitment.
18. The Commonwealth has made an election commitment of \$400 million for the Menindee Lakes upgrade project.
19. Estimated to generate 4GL of water savings, with up to 2GL of these savings to be transferred to the Commonwealth.
20. The total cost of this project is \$1,103million. Of this, \$551.5million represents 50% of the total project cost, which is the water savings potentially available for the environment. Expected water savings for Stage 2 are 200GL to be shared equally between irrigators (100GL) and the environment (100GL). The total cost of the project includes \$103 million for the Sunraysia Modernisation Project.
21. The projects associated with this funding will appear under Water for Rivers. This funding has not been allocated by Water for Rivers to specific projects to acquire water.
22. This project is in the early stages of development. It is partnered with a project run by Victorian Department of Primary Industry (VIC DPI) for the funding of on-farm efficiency upgrades.
23. Total cost for this project is \$147 million. This includes \$108 million for 77.2GL of purchases already achieved as reported in Table 1 and a remaining budget of \$39 million for water still to be recovered.
24. Total cost for this project is \$26.8 million. This includes \$12.6 million for 9.4GL of purchases already achieved as reported in Table 1 and a remaining budget of \$14.2 million for water still to be recovered including purchases. See Table 1 for water purchases achieved to date under this project.
26. Total cost for this project is \$201 million. This includes \$103.2 million for 57.6GL of savings already achieved as reported in Table 1 and a remaining budget of \$97.8 million for water still to be recovered. NSW Department of Energy and Climate Change (NSW DECC) has applied for an interim listing of a further 34.4GL.
27. Total cost for this project is \$60.7 million. This includes \$6.9 million for 9GL of savings already achieved as reported in Table 1 and a remaining budget of \$53.8 million for water still to be recovered.
29. This project has been put on hold as early estimates of water savings are no longer considered achievable.
32. The total cost of this project is \$1,000million. Of this, \$333.33million represents 1/3 of the total project cost, which is the water savings potentially available for the environment. Expected water savings for Stage 1 are 225GL LTCE to be shared equally between irrigators (75GL), the environment (75GL) and Melbourne (75GL). Budget contributions for the total cost of this project are \$600 million Victorian Government, \$300 million Melbourne Water and \$100 million Goulburn Murray Water.

**TABLE 2: Announced or budgeted commitments to deliver environmental water entitlements**

33. Total cost for this project is \$93 million. This includes \$43 million for 120GL (LTCE) of savings already achieved as reported in Table 1 and \$50 million for water recovered in 2009. Victoria has applied to have 24.9GL (LTCE) of water registered on the Environmental Water Register.
34. Expected water savings of 30GL.
35. Total cost for this project was \$16 million. This included \$6.4 million for 2GL of savings already achieved by Water for Rivers as reported in Table 1. The remaining funds have been intergrated into NVIRP.
36. Expected water savings of 22GL.
37. Water savings of approximately 18GL will be used in the North-south pipeline until administrative processes to transfer is completed
38. \$554 million represents a prorata of the total project costs based on 80% of the water savings being available for the environment. The total water savings project cost of \$554 million includes \$265.9 million for 40.1GL of savings already achieved as reported in Table 1 and a remaining budget of \$288.1 million for water still to be recovered.
39. Funding by source dollars reported in the table may not add to the total funding announced column. This is due to rounding of the individual contributions and does not change the total funding announced figures.
40. The sum of individual projects may not aggregate to the total for each funding by source. This is due to rounding of the individual contributions and does not change the total funding by source figures.