



Office
of Water

MSO09/3402
W09/2471

Senator the Hon Simon Birmingham
Chair
Standing Committee on Environment, Communications
and the Arts References Committee
PO Box 6100
Parliament House
CANBERRA ACT 2600

Dear Senator Birmingham

Thank you for your letter of 29 October 2009 to the former Premier of NSW, the Hon Nathan Rees MP, requesting information on water licences and water rights. Your letter has been referred to me as the information sought falls within my area of responsibility.

With regard to the progress with the National Water Initiative, the recent report by the National Water Commission "*Australian Water Reform 2009: Second biennial assessment of progress in implementation of the National Water Initiative*" broadly outlines that progress. More specifically, the following information is provided:

1. *conversion of water licences to separate tradable entitlements*

NSW leads the way in the separation of land and water entitlements. This separation occurs as statutory water sharing plans are developed for a water source. As 90 per cent of water extraction in NSW is now covered by water sharing plans, the most significant areas of water extraction in NSW have had their licences separated and these licences are fully tradable.

Department of
Environment, Climate Change and Water NSW



2. *water planning*

In number terms, NSW has now completed 45 of its expected 82 water sharing plans, but in terms of water extraction NSW's completed plans cover over 90 per cent of water extraction. NSW has focused its efforts on the more intensive high priority water sources. Progress on development of the water sharing plans was delayed by the Commonwealth's *Water Act 2007* and the uncertainty around the proposed Basin Plan, and how this would impact on NSW's plans. It is now intended to complete all inland water sharing plans by 2011, and the remaining coastal plans by 2012.

3. *integration of planning and management of surface water and groundwater*

NSW does integrate the planning and management of surface water and groundwater systems where these are interconnected. A number of water sharing plans have and will continue to be developed, combining surface and groundwater management and water sharing rules.

4. *integration of planning and management of entitlement water and other water-intercepting landuses*

NSW has a farm dams policy which limits the amount of water that can be captured without a licence. In addition, NSW is finalising a floodplain harvesting policy which will not only licence floodplain harvesting activities, but make them subject to volume limits. This will bring the last major extraction activity in NSW within the formal water entitlements framework. NSW is also developing guidelines to place limits on extraction of water via basic landholder rights.

5. *facilitate water trading, including interstate water trading*

NSW has the most expansive and robust water trading system in the nation, as evidenced by the significant trading that has occurred over the last few years despite severe drought and limited water availability. NSW has met every requirement under the National Water Initiative to facilitate trade, including inter-state trade. NSW signed inter-state trading arrangements with Victoria and South Australia in 2007.

6. *water accounting and metering*

NSW has been actively involved with the Bureau of Meteorology in the development of the national framework and standards for water accounting and has undertaken a pilot project in the Murrumbidgee.

Most water users in the regulated rivers and the major inland groundwater aquifers in NSW are metered. Funding has been secured from the Commonwealth for a metering program in the Hawkesbury-Nepean River, and in-principle approval has been received for funding metering across the Murray-Darling Basin covering regulated rivers, unregulated rivers and

groundwater. The Murray-Darling Basin metering project, however, will be dependent on the due diligence assessment by the Commonwealth of a business case for the project.

The following attachments provide information on water licences and entitlements in NSW. Note that water licences in NSW are currently managed under two pieces of legislation – the *Water Act 1912* - and for those areas covered by water sharing plans – the *Water Management Act 2000*. Most water extraction is now covered by water sharing plans and is therefore licensed under the *Water Management Act 2000*.

A definition by the Committee of sleeper licences (i.e. no extraction over a specifically defined period) would be required for the NSW Office of Water to assess the number of these licences and, obviously, this assessment can only be made for those water sources where extractions are largely metered, which is in regulated rivers and inland groundwater aquifers. However, given the growth in water trade there would be few licences which have not used or traded their account water in the regulated river systems in recent years.

A similar position would be likely with the major groundwater systems where entitlements were recently reduced to the sustainable yield and the history of extractions taken into account in this process. With unregulated river systems, as flows are more opportunistic, there may be a higher component of unused licences, however when unregulated river licences were converted to a volume basis, inactive licences were given a lower conversion volume.

I hope this information is of assistance to your Committee.

Yours sincerely

A handwritten signature in black ink, appearing to read "David Harriss". The signature is written in a cursive, flowing style.

David Harriss
Commissioner, NSW Office of Water

Encl.

WATER ACT 1912 LICENCES

Surface Water Licences

(predominantly unregulated rivers as the major regulated rivers systems come under the Water Management Act.

REGION	NUMBER OF LICENCES	ENTITLEMENT MLs
BARWON	1267	193 110
FAR WEST	398	29 248
HUNTER	98	121 134
LACHLAN	643	61 712
LOWER MURRAY / DARLING	43	2 965
MACQUARIE-WESTERN	1238	76 331
MURRAY	464	53 049
MURRUMBIDGEE	872	67 073
NORTH COAST	2955	246 895
SYDNEY SOUTH COAST	3004	279 470
	<hr/> 10982	<hr/> 1 130 987

Groundwater Licences

(excludes the major inland aquifers from which most groundwater is extracted).

REGION	NUMBER OF LICENCES	ENTITLEMENT MLs
BARWON	16180	112 952
FAR WEST	1457	1 203
HUNTER	7409	99 959
LACHLAN	8766	209 103
LOWER MURRAY / DARLING	593	24 016
MACQUARIE-WESTERN	14746	106 983
MURRAY	3853	83 030
MURRUMBIDGEE	8137	97 963
NORTH COAST	12132	41 215
SYDNEY SOUTH COAST	13061	65 731
	<hr/> 86334	<hr/> 842 155
TOTAL ALL LICENCES	<hr/> 97 316	<hr/> 1 973 142

The NSW Office of Water is not able to separate licences under the *Water Act 1912* into licence types.

WATER MANAGEMENT ACT 2000 LICENCES

The licences are broken into regulated river, groundwater (aquifer) and specific purpose licences. Specific purpose licences are not tradeable – they cover town water, domestic and stock and categories such as Aboriginal cultural licences.

Region	Category	Number of access licences	share (entitlement MLs)
BARWON	regulated river -		
	- general security	699	1028682
	- high security	38	19548
	- supplementary	869	485631
	specific purpose	377	32097
	aquifer	1066	258851
	unregulated river	181	40492
		3230	1,865,301
FAR WEST	regulated river	0	0
	aquifer	12	716
	specific purpose	2	152
		14	868
HUNTER	regulated river -		
	- general security	864	138109
	- high security	171	21930
	- supplementary	270	49276
	specific purpose	625	466796
	aquifer	796	88723
unregulated river	2319	153537	
		5045	918,371
LACHLAN	regulated river -		
	- general security	838	592816
	- high security	110	26685
	- conveyance	1	17911
	- supplementary	45	21238
	specific purpose	623	32096
	aquifer	83	105678
unregulated river	98	8352	
		1798	804,776
LOWER MURRAY / DARLING	regulated river -		
	- general security	342	110122
	- high security	481	149337
	- supplementary	17	252562
specific purpose	435	19977	
		1275	531,998
MACQUARIE-WESTERN	regulated river -		
	- general security	583	631716
	- high security	73	13828
	- supplementary	560	52438
	specific purpose	330	36394
	aquifer	154	76698
unregulated river	55	4110	
		1755	815,184

Region	Category	Number of access licences	share (entitlement MLs)
MURRAY	regulated river -		
	- general security	969	1635701
	- high security	198	45824
	- conveyance	2	330000
	- supplementary	381	302516
	specific purpose	713	42732
	aquifer	365	117186
unregulated river	3	330	
		2631	2,474,289
MURRUMBIDGEE	regulated river -		
	- general security	783	1887470
	- high security	144	356790
	- conveyance	2	2968
	- supplementary	338	235719
	specific purpose	542	455759
	aquifer	292	239285
unregulated river	136	8783	
		2237	3,186,774
NORTH COAST	aquifer	221	10,207
	Unregulated river	535	23811
	specific purpose	102	2232
		858	36,250
SYDNEY SOUTH COAST	aquifer	1	12
	Unregulated river	101	5230
	specific purpose	22	238
		124	5,480
TOTAL		17,347	10,639,291

The following provides more information on water licences and entitlements under the *Water Management Act 2000* in each region.

Region	Licence Category	Water Source	No Licences	Entitlement ML
Barwon	Aquifer	Lower Gwydir Groundwater	170	28858
Barwon	Aquifer	Nsw Great Artesian Basin Groundwater	129	38787.5
Barwon	Aquifer	Upper And Lower Namoi Groundwater	767	191206
Barwon	Aquifer(Town Water Supply)	Nsw Great Artesian Basin Groundwater	1	25
Barwon	Domestic And Stock	Gwydir Regulated River Water	68	2506
Barwon	Domestic And Stock	Nsw Border Rivers Regulated River	30	1120
Barwon	Domestic And Stock	Phillips Creek, Mooki River, Quirindi Creek and Warrah Creek	14	112.5
Barwon	Domestic And Stock	Rocky Creek, Cobbadah, Upper Horton and Lower Horton	3	21
Barwon	Domestic And Stock	Tenterfield Creek	3	18
Barwon	Domestic And Stock	Upper Namoi And Lower Namoi Regulated River	116	1821
Barwon	Domestic And Stock(Domestic)	Gwydir Regulated River	3	8
Barwon	Domestic And Stock(Domestic)	Nsw Border Rivers Regulated River	14	52
Barwon	Domestic And Stock(Domestic)	Phillips Creek, Mooki River, Quirindi Creek And Warrah Creek	1	1
Barwon	Domestic And Stock(Domestic)	Rocky Creek, Cobbadah, Upper Horton And Lower Horton	3	6
Barwon	Domestic And Stock(Domestic)	Tenterfield Creek	1	1
Barwon	Domestic And Stock(Domestic)	Upper Namoi And Lower Namoi Regulated River	10	31
Barwon	Domestic And Stock(Stock)	Gwydir Regulated River	27	230
Barwon	Domestic And Stock(Stock)	Nsw Border Rivers Regulated River	15	100
Barwon	Domestic And Stock(Stock)	Phillips Creek, Mooki River, Quirindi Creek And Warrah Creek	7	43.5
Barwon	Domestic And Stock(Stock)	Tenterfield Creek	1	65
Barwon	Domestic And Stock(Stock)	Upper Namoi And Lower Namoi Regulated River	23	262
Barwon	Town Water Supply	Tenterfield Creek	1	100
Barwon	Local Water Utility	Gwydir Regulated River	4	3836
Barwon	Local Water Utility	Lower Gwydir Groundwater	2	3572
Barwon	Local Water Utility	Nsw Border Rivers Regulated River Water	3	620
Barwon	Local Water Utility	Nsw Great Artesian Basin Groundwater	9	1618
Barwon	Local Water Utility	Phillips Creek, Mooki River, Quirindi Creek And Warrah Creek	1	1000
Barwon	Local Water Utility	Tenterfield Creek	1	824
Barwon	Local Water Utility	Upper And Lower Namoi Groundwater	12	11137
Barwon	Local Water Utility	Upper Namoi And Lower Namoi Regulated River	2	2421
Barwon	Regulated River (General Security A)	Nsw Border Rivers Regulated River	119	21920
Barwon	Regulated River (General Security B)	Nsw Border Rivers Regulated River	95	241165
Barwon	Regulated River (General Security)	Gwydir Regulated River	178	509665
Barwon	Regulated River (General Security)	Nsw Border Rivers Regulated River	4	153
Barwon	Regulated River (General Security)	Upper Namoi And Lower Namoi Regulated River	303	255779.5
Barwon	Regulated River (High Security)	Gwydir Regulated River	14	14817.9
Barwon	Regulated River (High Security)	Nsw Border Rivers Regulated River	8	1233

Barwon	Regulated River (High Security)	Upper Namoi And Lower Namoi Regulated River	16	3498
Barwon	Regulated River (High Security)(Research)	Gwydir Regulated River	1	60
Barwon	Regulated River (High Security)(Research)	Upper Namoi And Lower Namoi Regulated River	1	486
Barwon	Supplementary Water	Gwydir Regulated River	169	177346.5
Barwon	Supplementary Water	Lower Gwydir Groundwater	41	13930
Barwon	Supplementary Water	Nsw Border Rivers Regulated River	123	120001
Barwon	Supplementary Water	Upper And Lower Namoi Groundwater	326	58868
Barwon	Supplementary Water	Upper Namoi And Lower Namoi Regulated River	210	115485.86
Barwon	Unregulated River	Phillips Creek, Mooki River, Quirindi Creek And Warrah Creek	64	31686.5
Barwon	Unregulated River	Rocky Creek, Cobbadah, Upper Horton And Lower Horton	57	5591
Barwon	Unregulated River	Tenterfield Creek	60	3215
Far West	Aquifer	Nsw Great Artesian Basin Groundwater	12	716
Far West	Local Water Utility	Nsw Great Artesian Basin Groundwater	2	152
Hunter	Aquifer	Hunter Unregulated And Alluvial Water	518	79154
Hunter	Aquifer	Kulnura Mangrove Mountain Groundwater	199	3236.5
Hunter	Aquifer	Lower North Coast Unregulated And Alluvial	9	1494
Hunter	Aquifer	Tomago Tomaree Stockton Groundwater	52	2602.5
Hunter	Aquifer	Wybong Creek	18	2236
Hunter	Aquifer(Town Water Supply)	Kulnura Mangrove Mountain Groundwater	2	80
Hunter	Domestic And Stock	Central Coast Unregulated River	22	129
Hunter	Domestic And Stock	Hunter Regulated River	168	1601
Hunter	Domestic And Stock	Hunter Unregulated And Alluvial	130	606.5
Hunter	Domestic And Stock	Jilliby Jilliby Creek	1	6.5
Hunter	Domestic And Stock	Karuah River	2	27
Hunter	Domestic And Stock	Lower North Coast Unregulated And Alluvial	21	82.5
Hunter	Domestic And Stock	Ourimbah Creek	9	40.5
Hunter	Domestic And Stock	Paterson Regulated River	4	42
Hunter	Domestic And Stock	Wybong Creek	13	76
Hunter	Domestic And Stock(Domestic)	Central Coast Unregulated River	13	13
Hunter	Domestic And Stock(Domestic)	Hunter Regulated River	42	143
Hunter	Domestic And Stock(Domestic)	Hunter Unregulated And Alluvial	90	98
Hunter	Domestic And Stock(Domestic)	Lower North Coast Unregulated And Alluvial	14	15
Hunter	Domestic And Stock(Domestic)	Ourimbah Creek	1	1
Hunter	Domestic And Stock(Domestic)	Paterson Regulated River	2	2
Hunter	Domestic And Stock(Domestic)	Wybong Creek	4	3
Hunter	Domestic And Stock(Stock)	Central Coast Unregulated River	5	20
Hunter	Domestic And Stock(Stock)	Hunter Regulated River	22	108
Hunter	Domestic And Stock(Stock)	Hunter Unregulated And Alluvial	19	68
Hunter	Domestic And Stock(Stock)	Karuah River	5	0
Hunter	Domestic And Stock(Stock)	Lower North Coast Unregulated And Alluvial	1	3.5
Hunter	Domestic And Stock(Stock)	Ourimbah Creek	2	6
Hunter	Domestic And Stock(Stock)	Paterson Regulated River	1	5
Hunter	Domestic And Stock(Stock)	Wybong Creek	2	4
Hunter	Local Water Utility	Central Coast Unregulated River	3	65
Hunter	Local Water Utility	Hunter Regulated River	5	10832
Hunter	Local Water Utility	Hunter Unregulated And Alluvial	9	5368
Hunter	Local Water Utility	Karuah River	1	320
Hunter	Local Water Utility	Lower North Coast Unregulated And Alluvial	3	256

Hunter	Local Water Utility	Ourimbah Creek	1	5000
Hunter	Major Utility	Hunter Unregulated And Alluvial	3	346700
Hunter	Major Utility	Lower North Coast Unregulated And Alluvial	1	30000
Hunter	Major Utility(Power Generation)	Hunter Regulated River	1	36000
Hunter	Major Utility(Urban Water) Regulated River (General Security)	Tomago Tomaree Stockton Groundwater	2	29000
Hunter	Regulated River (General Security)	Hunter Regulated River	768	128544
Hunter	Regulated River (High Security)	Paterson Regulated River	96	9565
Hunter	Regulated River (High Security)	Hunter Regulated River	157	21740
Hunter	Regulated River (High Security)	Paterson Regulated River	14	190
Hunter	Regulated River (High Security)(Town Water Supply)	Paterson Regulated River	1	75
Hunter	Supplementary Water	Hunter Regulated River	243	48520.52
Hunter	Supplementary Water	Paterson Regulated River	27	755.9
Hunter	Unregulated River	Central Coast Unregulated River	261	10741.6
Hunter	Unregulated River	Hunter Unregulated And Alluvial	1182	81688.9
Hunter	Unregulated River	Jilliby Jilliby Creek	25	1029
Hunter	Unregulated River	Karuah River	73	3261
Hunter	Unregulated River	Lower North Coast Unregulated And Alluvial	597	46414
Hunter	Unregulated River	Ourimbah Creek	79	2138
Hunter	Unregulated River	Wybong Creek	102	8264.5
Lachlan	Aquifer	Lower Lachlan Groundwater	83	105678
Lachlan	Domestic And Stock	Lachlan Regulated River	335	12315
Lachlan	Domestic And Stock	Mandagery Creek	12	72
Lachlan	Domestic And Stock(Domestic)	Lachlan Regulated River	77	184
Lachlan	Domestic And Stock(Domestic)	Mandagery Creek	4	8
Lachlan	Domestic And Stock(Stock)	Lachlan Regulated River	178	1634
Lachlan	Domestic And Stock(Stock)	Mandagery Creek	4	16
Lachlan	Local Water Utility	Lachlan Regulated River	9	15545
Lachlan	Local Water Utility	Lower Lachlan Groundwater	4	2322
Lachlan	Regulated River (Conveyance) Regulated River (General Security)	Lachlan Regulated River	1	17911
Lachlan	Regulated River (High Security)	Lachlan Regulated River	838	592816.42
Lachlan	Supplementary Water	Lower Lachlan Groundwater	45	21238
Lachlan	Unregulated River	Mandagery Creek	98	8352
Lower Murray / Darling	Domestic And Stock	Murray And Lower Darling Regulated Rivers	104	2470.5
Lower Murray / Darling	Domestic And Stock(Domestic)	Murray And Lower Darling Regulated Rivers	302	1355
Lower Murray / Darling	Domestic And Stock(Stock)	Murray And Lower Darling Regulated Rivers	22	1368
Lower Murray / Darling	Local Water Utility	Murray And Lower Darling Regulated Rivers	5	14737
Lower Murray / Darling	Regulated River (General Security)	Murray And Lower Darling Regulated Rivers	342	110122
Lower Murray / Darling	Regulated River (High Security)	Murray And Lower Darling Regulated Rivers	481	149337.45
Lower Murray / Darling	Regulated River (High Security)(Community And Education)	Murray And Lower Darling Regulated Rivers	2	47
Lower Murray / Darling	Supplementary Water	Murray And Lower Darling Regulated Rivers	17	252562
Lower Yanco System	Domestic And Stock(Domestic)	Murrumbidgee Regulated River	1	1
Lower Yanco System	Regulated River (General Security)	Murrumbidgee Regulated River	8	387

Lower Yanco System	Regulated River (High Security)	Murrumbidgee Regulated River	3	40
Macquarie-Western	Aquifer	Lower Macquarie Groundwater	117	65455
Macquarie-Western	Aquifer	Nsw Great Artesian Basin Groundwater	37	11243
Macquarie-Western	Domestic And Stock	Castlereagh River Above Binnaway Macquarie And Cudgegong Regulated Rivers	2	12
Macquarie-Western	Domestic And Stock	Castlereagh River Above Binnaway E Macquarie And Cudgegong Regulated Rivers	199	5057
Macquarie-Western	Stock(Domestic)	Castlereagh River Above Binnaway E Macquarie And Cudgegong Regulated Rivers	1	2
Macquarie-Western	Domestic And Stock(Domestic)	Castlereagh River Above Binnaway Macquarie And Cudgegong Regulated Rivers	67	324
Macquarie-Western	Domestic And Stock(Stock)	Castlereagh River Above Binnaway Macquarie And Cudgegong Regulated Rivers	1	4
Macquarie-Western	Domestic And Stock(Stock)	Castlereagh River Above Binnaway We	35	195
Macquarie-Western	Local Water Utility	Castlereagh River Above Binnaway We	2	959
Macquarie-Western	Local Water Utility	Lower Macquarie Groundwater Macquarie And Cudgegong Regulated Rivers	4	3090
Macquarie-Western	Local Water Utility	Lower Macquarie Groundwater Macquarie And Cudgegong Regulated Rivers	9	18805
Macquarie-Western	Local Water Utility	Nsw Great Artesian Basin Groundwater Macquarie And Cudgegong Regulated Rivers	5	3561
Macquarie-Western	Regulated River (General Security)	Macquarie And Cudgegong Regulated Rivers	583	631716
Macquarie-Western	Regulated River (High Security)	Macquarie And Cudgegong Regulated Rivers	73	13828
Macquarie-Western	Regulated River (High Security)(Research)	Macquarie And Cudgegong Regulated Rivers	4	4345
Macquarie-Western	Regulated River (High Security)(Town Water Supply)	Macquarie And Cudgegong Regulated Rivers	1	40
Macquarie-Western	Supplementary Water	Lower Macquarie Groundwater Macquarie And Cudgegong Regulated Rivers	14	2396
Macquarie-Western	Supplementary Water	Lower Macquarie Groundwater Macquarie And Cudgegong Regulated Rivers	546	50042.98
Macquarie-Western	Unregulated River	Castlereagh River Above Binnaway	55	4110
Murray	Aquifer	Lower Murray Groundwater Water	330	83493
Murray	Aquifer	Lower Murrumbidgee Groundwater	35	33693
Murray	Aquifer(Research)	Lower Murray Groundwater Water	1	0
Murray	Aquifer(Town Water Supply)	Lower Murray Groundwater Water	2	67
Murray	Aquifer(Town Water Supply)	Lower Murrumbidgee Groundwater	1	20
Murray	Domestic And Stock	Murray And Lower Darling Regulated Rivers	489	11772.96
Murray	Domestic And Stock	Upper Billabong Water Source	1	7
Murray	Domestic And Stock(Domestic)	Murray And Lower Darling Regulated Rivers	53	314
Murray	Domestic And Stock(Stock)	Lower Murrumbidgee Groundwater Sources	1	324
Murray	Domestic And Stock(Stock)	Murray And Lower Darling Regulated Rivers	149	1320
Murray	Local Water Utility	Lower Murray Groundwater Water Source	2	12
Murray	Local Water Utility	Murray And Lower Darling Regulated Rivers	14	28895
Murray	Regulated River (Conveyance)	Murray And Lower Darling Regulated Rivers	2	330000
Murray	Regulated River (General Security)	Murray And Lower Darling Regulated Rivers	969	1635701
Murray	Regulated River (High Security)	Murray And Lower Darling Regulated Rivers	195	41829.2
Murray	Regulated River (High Security)(Research)	Murray And Lower Darling Regulated Rivers	1	800
Murray	Regulated River (High Security)(Town Water Supply)	Murray And Lower Darling Regulated Rivers	2	3195
Murray	Supplementary Water	Lower Murray Groundwater Water Source	182	48454
Murray	Supplementary Water	Lower Murrumbidgee Groundwater Sources	15	4256
Murray	Supplementary Water	Murray And Lower Darling Regulated Rivers	184	249806

Murray	Unregulated River	Upper Billabong River	3	330
Murrumbidgee	Aquifer	Lower Murrumbidgee Groundwater	292	239285
Murrumbidgee	Coleambally Irrigation (Conveyance)	Murrumbidgee Regulated River	2	130000
Murrumbidgee	Domestic And Stock	Adelong Creek	11	77
Murrumbidgee	Domestic And Stock	Murrumbidgee Regulated River	275	22265.5
Murrumbidgee	Domestic And Stock	Tarcutta Creek	7	49
Murrumbidgee	Domestic And Stock(Domestic)	Adelong Creek	12	22.5
Murrumbidgee	Domestic And Stock(Domestic)	Murrumbidgee Regulated River	40	250.15
Murrumbidgee	Domestic And Stock(Domestic)	Tarcutta Creek	7	21
Murrumbidgee	Domestic And Stock(Stock)	Adelong Creek	1	2
Murrumbidgee	Domestic And Stock(Stock)	Murrumbidgee Regulated River	158	13411.5
Murrumbidgee	Domestic And Stock(Stock)	Tarcutta Creek	3	15
Murrumbidgee	Local Water Utility	Adelong Creek	1	230
Murrumbidgee	Local Water Utility	Lower Murrumbidgee Groundwater	3	2210
Murrumbidgee	Local Water Utility	Murrumbidgee Regulated River	14	23586
Murrumbidgee	Local Water Utility	Tarcutta Creek	1	30
Murrumbidgee	Murrumbidgee Irrigation (Conveyance)	Murrumbidgee Regulated River	2	243000
Murrumbidgee	Regulated River (Conveyance)	Murrumbidgee Regulated River	2	2968
Murrumbidgee	Regulated River (General Security)	Murrumbidgee Regulated River	783	1887469.7
Murrumbidgee	Regulated River (High Security)	Murrumbidgee Regulated River	144	356790.95
Murrumbidgee	Regulated River (High Security)(Aboriginal Cultural)	Murrumbidgee Regulated River	1	500
Murrumbidgee	Regulated River (High Security)(Research)	Murrumbidgee Regulated River	2	320
Murrumbidgee	Regulated River (High Security)(Town Water Supply)	Murrumbidgee Regulated River	2	19769
Murrumbidgee	Supplementary Water	Lower Murrumbidgee Groundwater	112	36940
Murrumbidgee	Supplementary Water	Murrumbidgee Regulated River	226	198779.8
Murrumbidgee	Unregulated River	Adelong Creek	50	3778.3
Murrumbidgee	Unregulated River	Tarcutta Creek	86	5005
North Coast	Aquifer	Alstonville Plateau Groundwater	156	5646
North Coast	Aquifer	Bellingen River Area Unregulated And Alluvial	4	203
North Coast	Aquifer	Coffs Harbour Area Unregulated And Alluvial	27	658
North Coast	Aquifer	Dorrigo Plateau Surface Water Source And The Dorrigo Basalt Groundwater	10	265
North Coast	Aquifer	Stuarts Point Groundwater	24	3435
North Coast	Aquifer(Aboriginal Cultural)	Dorrigo Plateau Surface Water Source And The Dorrigo Basalt Groundwater	1	10
North Coast	Domestic And Stock	Apsley River	1	5.5
North Coast	Domestic And Stock	Bellingen River Area Unregulated And Alluvial	8	32
North Coast	Domestic And Stock	Coffs Harbour Area Unregulated And Alluvial	3	12
North Coast	Domestic And Stock	Commissioners Waters	6	34.5
North Coast	Domestic And Stock	Coopers Creek	9	36
North Coast	Domestic And Stock	Dorrigo Plateau Surface Water And Basalt Groundwater	4	100
North Coast	Domestic And Stock(Domestic)	Bellingen River Area Unregulated And Alluvial	11	86
North Coast	Domestic And Stock(Domestic)	Coffs Harbour Area Unregulated And Alluvial	19	20
North Coast	Domestic And Stock(Domestic)	Commissioners Waters	2	2
North Coast	Domestic And Stock(Domestic)	Coopers Creek	13	16

North Coast	Domestic And Stock(Domestic)	Dorrigo Plateau Surface Water Source And The Dorrigo Basalt Groundwater	8	20
North Coast	Domestic And Stock(Domestic)	Upper Brunswick River	5	5
North Coast	Domestic And Stock(Stock)	Apsley River	1	4.5
North Coast	Domestic And Stock(Stock)	Coffs Harbour Area Unregulated And Alluvial	2	6
North Coast	Domestic And Stock(Stock)	Commissioners Waters	2	9.5
North Coast	Domestic And Stock(Stock)	Coopers Creek Water	1	3
North Coast	Local Water Utility	Alstonville Plateau Groundwater	4	1230
North Coast	Local Water Utility	Dorrigo Plateau Surface Water Source and The Dorrigo Basalt Groundwater	1	300
North Coast	Local Water Utility	Stuarts Point Groundwater	1	300
North Coast	Unregulated River	Apsley River Water Source	9	326
North Coast	Unregulated River	Bellingher River Area Unregulated and Alluvial	85	2587.25
North Coast	Unregulated River	Coffs Harbour Area Unregulated and Alluvial	168	2835.5
North Coast	Unregulated River	Commissioners Waters	41	2176
North Coast	Unregulated River	Coopers Creek Water	113	5770.5
North Coast	Unregulated River	Dorrigo Plateau Surface Water Source and The Dorrigo Basalt Groundwater Source	103	9446
North Coast	Unregulated River	Upper Brunswick River	16	670
Sydney South Coast	Aquifer	Kulnura Mangrove Mountain Groundwater	1	12
Sydney South Coast	Domestic And Stock	Kangaroo River	3	17.5
Sydney South Coast	Domestic And Stock	Wandella Creek	2	12
Sydney South Coast	Domestic And Stock(Domestic)	Kangaroo River	5	4.5
Sydney South Coast	Domestic And Stock(Domestic)	Wandella Creek	1	1
Sydney South Coast	Domestic And Stock(Stock)	Kangaroo River	9	39.5
Sydney South Coast	Local Water Utility	Kangaroo River	1	85
Sydney South Coast	Local Water Utility	Wandella Creek	1	79
Sydney South Coast	Unregulated River	Kangaroo River	85	4679
Sydney South Coast	Unregulated River	Wandella Creek	16	551