



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 |

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|----------|---|--|-----|-----------|
| 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 |

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|------------------------|---|--|------|-----------|
| 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 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 Macquarie And Cudgegong Regulated Rivers | 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 |

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|--------------|--|---|-----|-----------|
| 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 |