



WATER MANAGEMENT ACT 2000
Order under section 45 (1) (a)

**Water Sharing Plan for the New South Wales Murray and Lower Darling Regulated
Rivers Water Sources Amendment Order 2012**

Pursuant to section 45 (1) (a) of the *Water Management Act 2000*, I, KATRINA ANN HODGKINSON, MP, Minister for Primary Industries, having obtained the concurrence of the Minister for the Environment, being satisfied it is in the public interest to do so, make the following Water Sharing Plan for the New South Wales Murray and Lower Darling Regulated Rivers Water Sources Amendment Order 2012.

Dated this 15th day of February, 2012.

KATRINA ANN HODGKINSON, MP
Minister for Primary Industries

Explanatory note

Section 45 (1) (a) of the *Water Management Act 2000* provides that the Minister may, at any time, by order published on the New South Wales legislation website, amend a management plan if satisfied it is in the public interest to do so. The purpose of this Order is to amend the *Water Sharing Plan for the New South Wales Murray and Lower Darling Regulated Rivers Water Sources 2003*.

Water Sharing Plan for the New South Wales Murray and Lower Darling Regulated Rivers Water Sources Amendment Order 2012

under the

Water Management Act 2000

1. Name of Order

This Order is *the Water Sharing Plan for the New South Wales Murray and Lower Darling Regulated Rivers Water Sources Amendment Order 2012*.

2. Commencement

This Order commences on the day on which it is published on the New South Wales legislation website.

3. Amendment

The *Water Sharing Plan for the New South Wales Murray and Lower Darling Regulated Rivers Water Sources 2003* is amended as set out in Schedule 1.

**Schedule 1 Amendment of the Water Sharing Plan for the New South Wales
Murray and Lower Darling Regulated River Water Sources 2003**

[1] 4 Water sources and waters to which this Plan applies

Omit “, at the date of commencement of this Plan,” from clause 4 (2) and (3).

[2] 15 Planned environmental water

Omit the clause. Insert instead:

15 Planned environmental water

- (1) Subclauses (2)-(15) establish planned environmental water rules relating to the management of the New South Wales Barmah-Millewa Environmental Water Allowance (hereafter ***the Barmah-Millewa Allowance***) in the Murray Water Source.

Note. The management of the Barmah-Millewa Allowance is a shared New South Wales and Victorian responsibility. These rules outline the obligation of New South Wales in the management of the Barmah-Millewa Allowance.

- (2) A volume of up to 50,000 megalitres (hereafter ML) per water year shall also be available for release as specified under subclause (8), provided sufficient water reserves are available to New South Wales to do so without constraining Available Water Determinations to any licence category under this Plan (hereafter ***the Barmah-Millewa Overdraw***).
- (3) Separate accounts are to be kept setting out the volumes credited to, debited from, or taken from the Barmah-Millewa Allowance and the Barmah-Millewa Overdraw.
- (4) The following rules shall apply to the management of water allocations in the water allocation accounts of the Barmah-Millewa Allowance and the Barmah-Millewa Overdraw accounts:
- (a) water remaining in the Barmah-Millewa Allowance account at the end of a water year may be carried over from one water year to the next subject to subclauses (b)-(d),
- (b) the maximum volume that may be held in the Barmah-Millewa Allowance at any time is 350,000 ML,
- (c) the maximum volume that may be held in the Barmah-Millewa Overdraw at any time is 50,000 ML,
- (d) the amount of water carried over in the Barmah-Millewa Allowance under paragraph (a) shall be reduced based on the net evaporation from the extra surface area in the water storages generated by the carried over water.

Note. The evaporative loss shall be calculated as a fraction of the New South Wales share of the total loss from Hume and Dartmouth reservoirs at the end of each month, applied to the carried over volume, excluding any volume taken under subclause (9) for allocation to New South Wales access licences. The New South Wales share of total loss shall be calculated on a pro-rata basis between each State's allocation, excluding any volumes taken under subclause (9).

(5) Subject to subclause (4), the following volumes of water shall be credited to the Barmah-Millewa Allowance:

(a) 50,000 ML multiplied by the percentage of the seasonal allocation for Victorian high reliability water shares in the Murray Water Source, minus the volume of the Barmah-Millewa Overdraw released in the preceding water year under subclause (8),

Note. High reliability water share is the high security component of Victorian water licences, low reliability water share is a lower security component.

(b) a further 25,000 ML when total natural inflow to Hume Reservoir for the month defined in Table 1, first exceeds one of the respective triggers as defined in Table 1,

Table 1: Exogenous triggers for lower-security allocation

Month	1 Jul	1 Aug	1 Sep	1 Oct	1 Nov	1 Dec
Preceding Period (months)	30	31	32	33	34	35
Trigger (GL)	8650	8988	9243	9253	9267	9280

Note. Natural inflows to Hume Reservoir are the inflows that would have occurred to Hume Reservoir but for the influence of Dartmouth Dam and the Snowy Mountains Hydroelectric Scheme. Natural inflows to Hume Reservoir are calculated by water balance and are adjusted for the net impact of the Snowy Mountains Hydroelectric Scheme and impoundments and losses in Dartmouth.

(c) in accordance with subclause (13) such volume as is necessary to return to the Barmah-Millewa Allowance any volume that has been taken from it under subclause (9).

(6) If water is credited to the Barmah-Millewa Allowance under subclause (5)(b) in July, and the exogenous trigger for August is not met, then the volume of water in the Barmah-Millewa Allowance shall be reduced by an amount equal to the credit made in July.

Note. Any allocation made in July under subclause (5)(b) is preliminary only and made to ensure sufficient resources are reserved for subsequent formal allocation. If the trigger is exceeded only in July, then no allocation is made. However, if the trigger is exceeded in any of the months from August to December, the allocation is made even if the trigger is exceeded in only one month.

(7) Whenever Hume Dam spills, water shall first spill from the carried-over component of the Murray Additional Environmental Allowance, and then from the carried over component of the Barmah-Millewa Allowance, which shall be debited by a volume equal to the lesser of:

(a) the New South Wales share of the volume of water spilled less any carried over component of the Murray Additional Environmental Allowance, and

(b) the volume held in the account at the commencement of the spill minus 100,000 ML, minus a volume equal to that taken from the Barmah-Millewa Allowance in the previous year under subclause (9) limited to 100,000 ML.

- (8) Releases of the Barmah-Millewa Allowance and the Barmah-Millewa Overdraw from Hume Dam shall be made to provide environmentally beneficial outcomes for the Barmah-Millewa forest, in accordance with any relevant inter-state agreements.
- (9) Water shall be taken from the Barmah-Millewa Allowance and made available to the Regulated Murray Water Source access licences whenever the sum of available water determinations for Murray Water Source regulated river (general security) access licences during the water year and the water carried over in Murray Water Source regulated river (general security) access licence water allocation accounts from the previous water year is less than the total volume required to achieve the target water availability.
- (10) The target water availability for the purposes of subclause (9) is determined to be:
 - (a) equal to 0.3 ML multiplied by the total number of unit shares specified in share components of all Murray Water Source regulated river (general security) access licences; or
 - (b) equal to 0.5 ML multiplied by the total number of unit shares specified in share components of all Murray Water Source regulated river (general security) access licences if there are exceptional circumstances.
- (11) Exceptional circumstances for the purposes of subclause (10) are defined as occurring when the average November water availability for the four years up to, and including, the current year would otherwise have been less than 0.5 ML multiplied by the total number of unit shares for all Murray Water Source regulated river (general security) access licences. However exceptional circumstances will not occur if they occurred in the previous water year. For the purposes of this clause the average November water availability is the sum of available water determinations for Murray Water Source regulated river (general security) access licences during each water year as at 30th November, and the water carried over in Murray Water Source regulated river (general security) access licence water allocation accounts from the previous water year.
- (12) The volume of water taken from the Barmah-Millewa Allowance under subclause (9) shall be the lesser of:
 - (a) the volume necessary to permit further available water determinations to Murray Water Source access licence accounts such that the target water availability, determined in subclause (10), is achieved, and
 - (b) the volume in the Barmah-Millewa Allowance.
- (13) Whenever a volume of water becomes available as a result of clause 39(11), that volume shall be credited to the Barmah-Millewa Allowance, up to the volume of water taken from it under subclause (9).
- (14) The Minister may approve water to be taken from the Barmah-Millewa Allowance and made available for other environmental purposes provided the volume is not required for release to provide environmentally beneficial outcomes for the Barmah- Millewa forest under any relevant inter-state agreement.
- (15) The volume of water taken from the Barmah-Millewa Allowance under subclause (14) shall be the lesser of:
 - (a) the volume necessary to achieve environmental objectives for which the water is being borrowed, and

- (b) the volume in the Barmah-Millewa Allowance.
- (16) Subclauses (17)-(19) establish planned environmental water rules relating to the management of the Lower Darling Environmental Contingency Allowance (hereafter *the Lower Darling ECA*) in the Lower Darling Water Source.
- (17) The volume of water credited to the Lower Darling ECA at any time shall be:
 - (a) zero if the volume stored in Menindee Lakes is below 480,000 ML, or
 - (b) zero if the volume stored in Menindee Lakes has not risen above 640,000 ML since the volume stored last fell below 480,000 ML, or
 - (c) 30,000 ML minus any release from the Lower Darling ECA during the current water year that has resulted in a loss of total water volume available to New South Wales under the accounting rules applying to inter-state water sharing in the Murray and Lower Darling River.
- Note.** Water released from the New South Wales Lower Darling ECA may be subsequently re-regulated in the Murray below the Darling junction and again become available to New South Wales.
- (18) Releases from the Lower Darling ECA may occur whenever a high blue green algal alert level, as set out in the Sunraysia Regional Algal Contingency Strategy, is announced by the Minister in the Lower Darling Water Source.
- (19) The release rate shall be the lesser of:
 - (a) 2,000 ML per day (**ML/day**) in the months of May to October and 5,000 ML/day in the months November to April, and
 - (b) such lower rate as shall be determined by the Minister to be adequate to control blue green algal levels taking into account other river flows.
- (20) Subclauses (21)-(25) establish planned environmental water rules relating to the management of the New South Wales' Murray Regulated River Water Source Additional Environmental Allowance (hereafter *the Murray AEA*).
- (21) The maximum credit that may be held in the Murray AEA at any time shall be equal to 0.15 ML multiplied by the total number of unit shares specified in the share components of regulated river (high security) access licences.
- (22) Subject to clause (21), the Murray AEA shall be credited with a volume equivalent to 0.03 ML multiplied by the total number of unit shares specified in the share components of Murray Water Source regulated river (high security) access licences when the sum of available water determinations to Murray Water Source regulated river (high security) access licences for the water year has reached 0.97 ML per unit share.
- (23) Releases from the Murray AEA may be made for any purpose consistent with objectives (a) to (i) in clause 10 of this Plan.
- (24) The volume debited to the Murray AEA shall only be the volume of release in excess of that being made for all other purposes.
- (25) Whenever Hume Dam water storage spills or water is pre-released from Hume Dam for flood management purposes, the volume of the Murray AEA shall be reduced by the lesser of the volume of water spilled or the volume credited to the Murray AEA.

[3] 29 Rules for granting access licences

Omit subclause (3) (c).

[4] 39 Available water determinations for regulated river (general security) access licences

Insert new subclause (11):

- (11) Whenever the sum of available water determinations for regulated river (general security) access licences during the water year and the water carried over in regulated river (general security) access licence water allocation accounts from the previous water year reach the target water availability determined in clause 15(10), no further available water determinations are to be made for Murray Water Source regulated river (general security) access licences during the water year until the Barmah-Millewa Allowance has been credited with a volume equivalent to any water taken from it under subclause 15(9) in this water year, or any previous water year, that has not already been reccredited to the Barmah-Millewa Allowance.

[5] Clause 66

Omit the clause.

[6] Appendix 1 Rivers and lakes within the Murray and Lower Darling Regulated River Water Sources

Omit Appendix 1. Insert instead:

Appendix 1 Rivers and lakes within the Murray and Lower Darling Regulated Rivers Water Sources

The ***New South Wales Murray Regulated River Water Source*** includes but is not limited to the following rivers and lakes:

- (i) Aluminy Creek from the boundary of Lots 48 and 67 DP 756261, Easting: 332491, Northing: 6038423 UTM Zone 55 GDA, Parish of Bungooka, County of Townsend to its confluence with the Bullatale Creek within Lot 48 DP 756261, Easting: 332853, Northing: 6039604 UTM Zone 55 GDA, Parish of Bungooka, County of Townsend.
- (ii) Barbers Creek from upstream (eastern) boundary in Lot 13, Parish of Moorangatta, County Wakool, to its confluence with the Wakool River in Lot 15, Parish Nunnagoyt, County Wakool,
- (iii) Benanee Creek,
- (iv) Black Swan Lagoon,
- (v) Bookit Creek from its effluence from Merribit Creek between Lots 23 and 39, Parish of Mia Mia, County of Wakool downstream to a dam and regulator located between Lots 4 and 10, Parish of Mia Mia, County of Wakool authorised by Licence L15918,
- (vi) Bullanginya Lagoon,

- (vii) Bullatale Creek from its confluence with Seven Mile Creek within Lot 8 DP 740336, Easting: 338351, Northing: 6038396 UTM Zone 55 GDA, Parish of Bungooka, County of Townsend to its confluence with the Edward River within Lot 27 DP 756275, Easting: 318125, Northing: 6058937 UTM Zone 55 GDA, Parish of Derrulaman, County of Townsend.
- (viii) Collendina Lagoon,
- (ix) Colligen Creek, from its offtake from the Edward River, Lot 2, DP 857161 Parish of Tumudgery, County of Townsend, downstream to its confluence with the Niemur River within Werai State Forest No 384, Parish of Werai, County of Townsend,
- (x) Coobool Creek, from the southern boundary (bridge on disused rail line), of Lot 32, Parish Toolmah, County Wakool, to its confluence with the Wakool River, boundaries of Lots 2 and 3, Parish of Coobool, County Wakool,
- (xi) Dairy Lagoon, offtaking from the Murray River at the southern end of Lot 7014, DP 1021139, in the Reserve 78631, Parish of Corowa, County of Hume,
- (xii) Darling River—Wentworth Weir Pool, from the north east corner of Lot 11 DP 756952, Parish of Merche, County of Wentworth downstream to the confluence with the Murray,
Note. The north east corner of Lot 11 DP 756952 has been used to delineate the boundary between the Murray Water Source and the Lower Darling Water as it is a point immediately downstream of the most downstream *Water Act 1912* licence whose allowable water extraction volume was dependent on allocation announcements for the Lower Darling Volumetric Allocation Scheme.
- (xiii) Deep Creek, from its confluence with the Murray River between part Lot 19 and Lot 76, Parish of Benarca, County of Cadell to its upper limits within Lot 76, Parish of Benarca, County of Cadell,
- (xiv) Dights Creek,
- (xv) Dry Lake, Parish of Taila, County of Taila,
- (xvi) Edward River; from its offtake from the Murray River downstream to its junction with the Wakool River,
- (xvii) Frenchmans Creek,
- (xviii) Gol Gol Channel, the unnamed watercourse known locally as Gol Gol Channel, commencing at a point where Gol Gol Creek enters Gol Gol Swamp downstream to its point of termination with the southern section of Lot 16, Parish Gol Gol, County of Wentworth,
- (xix) Gol Gol Creek, Parish of Gol Gol, County of Wentworth,
- (xx) Gol Gol North Creek, Parish of Gol Gol, County of Wentworth,
- (xxi) Great Anabranche of the Darling River, from its confluence with the Murray River on Lot 672 DP 761719 to the location of the earthen block bank under Licence 60SL8686, Lot 12 DP 756168,
- (xxii) Gulpa Creek,
- (xxiii) Gum Creek, from earthen block bank and regulator in Lot 45, Parish Toolmah, County Wakool, to its confluence with the Wakool River, Lot 74, Parish Coobool, County Wakool,
- (xxiv) Jingera Jingera Lagoon, from its junction with unnamed watercourse offtaking from the Murray River within Lot 162, Parish of Albury, County of Goulburn, downstream to its confluence with the Murray River,
- (xxv) Lake Benanee,
- (xxvi) Lake Mulwala,
- (xxvii) Lake Victoria,
- (xxviii) Larrys Creek, from its junction with Mulligans Creek in Lot 26, Parish Toolmah, County Wakool, to an earthen block bank and regulator in Lot 45, Parish of Toolmah, County Wakool,
- (xxix) Lesters Lagoon,

- (xxx) Little Barbers Creek, offtaking from Merran Creek in Lot 25, Parish Nunnagoyt, County Wakool, to its confluence with Barbers Creek in Lot 25, Parish Nunnagoyt, County Wakool,
- (xxxi) Little Murray River; offtaking from the Murray River within Campbells Island State Forest, (in the vicinity of Easting: 236685, Northing: 6057818, zone 55) to its confluence with the Murray River at the northern end of Lot 13, DP 756541, Parish of Gonn, County of Wakool,
- (xxxii) Merangatuk Creek, from its offtake from Wakool River in Lot 23 DP 756525, Easting: 238573, Northing: 6070395, UTM Zone 55 GDA, Parish of Cobwell, County of Wakool to a crossing in Lot 4 DP 756525, Easting: 237508, Northing: 6068895, UTM Zone 55 GDA, Parish of Cobwell, County of Wakool,
- (xxxiii) Merran Creek Cutting, offtaking from the Little Murray River in Campbells Island State Forest, Parish Nunnagoyt, County Wakool, to its confluence with Merran Creek, Lot 14, Parish Nunnagoyt, County Wakool,
- (xxxiv) Merran Creek, from block dam and regulator in Lot 21, Parish Nunnagoyt, County Wakool, to its confluence with the Wakool River in Lot 36, Parish Poon Boon, County Wakool,
- (xxxv) Merribit Creek, from its effluence from the Wakool River between Lot 143, Parish of Bookit, County of Wakool and Lot 47, Parish of Mia Mia, County of Wakool to its confluence with the Wakool River between Lot 125, Parish of Toolon, County of Wakool and Lot 46, Parish of Mia Mia and County of Wakool,
- (xxxvi) Moira Creek,
- (xxxvii) Mulligans Creek, offtaking from St Helena Creek in Lot 12, Parish Moorangatta, County Wakool, to its confluence with Larrys Creek in Lot 26, Parish Toolmah, County Wakool,
- (xxxviii) Murray River, from the upper limit of the storage of Hume Dam downstream to the South Australian border,
- (xxxix) Neimur River, from its confluence with Colligen Creek within Werai State Forest No 384 to its confluence with the Wakool River in Lots 21, Parish of Wetuppa and 48, Parish of Coobool both in the County of Wakool,
- (xl) Nowranie Creek,
- (xli) Paddock Lagoon,
- (xlii) Porthole Creek, from its confluence with the Wakool River between Lots 3 and 77, Parish of Porthole, County of Cadell upstream to the Boundary between Lots 3 and 72, Parish of Porthole, County of Cadell,
- (xliii) Ruel Lagoon,
- (xliv) Rufus River, except for the meander loop between the upstream blockbank in the vicinity of Easting: 524796, Northing: 6232373 and the downstream blockbank in the vicinity of Easting: 524714, Northing: 6232473,
- (xlv) Salt Creek, from its offtake from the Murray River within WL 165, Parish of Cal Lal, County of Tara to its intersection with the South Australian Border,
- (xlvi) Sheepwash Creek,
- (xlvii) Sheepwash Lagoon, offtaking from the Murray River in Lot 1 DP 751155, Parish of Perricoota, County of Cadell and bounded by Lot 1 DP 751155, Lot 2 DP 521201 and Lot 1 DP 131403, Parish of Perricoota, County of Cadell,
- (xlviii) St Helena Creek, from a concrete regulator in Lot 3, Parish Moorangatta, County Wakool, to its confluence with the Wakool River in Lot 42, Parish of Toolmah, County Wakool,
- (xlix) Taila Creek, offtaking from the Murray River in Lot 4441, DP 76426 in the Parish of Taila, County of Taila to Lake Benanee,
- (l) Tallys Lake, from the confluence of the Unnamed Watercourse (Box Creek) in Lot 55, Parish Merran, County Wakool, to the offtake of the Unnamed Watercourse (Box Creek) in Lot 54, Parish Merran, County Wakool,
- (li) Tuckers Creek,

- (lii) unnamed lagoon, (known locally as Blue's Lagoon), from its offtake from Gulpa Creek in Lot 49 DP 756303, Easting: 311703, Northing: 6033616, UTM Zone 55 GDA, Parish of Nallam, County of Townsend to a crossing in Lot 49 DP 756303 Easting: 311893, Northing: 6034295, UTM Zone 55 GDA, Parish of Nallam, County of Townsend,
- (liii) unnamed lagoon, (known locally as Cemetery Creek), offtaking in part Temporary Common, Parish of Euston, County of Taila,
- (liv) unnamed lagoon, (known locally as Doctors Point Lagoon) offtaking from Murray River between Lots 317 and 26, Parish of Albury, County of Goulburn,
- (lv) unnamed lagoon and watercourse, (known locally as Parlour or Howlong Creek), offtaking from the Murray River within Lot 63, Parish of Bungowannah, County of Hume, to its junction with Lesters Lagoon,
- (lvi) unnamed lagoon, offtaking from Colligen Creek in Lot 6, Parish of Tumudgery, County of Townsend,
- (lvii) unnamed lagoon, offtaking from Murray River in Lot 2, Parish of Boomanoomana, County of Denison,
- (lviii) unnamed lagoon, offtaking from the Murray River between Lots 16 and 18, Parish of Woperana, County of Denison,
- (lix) unnamed lagoon, offtaking from the Murray River between Lots 29 and 65, Parish of Quat Quatta, County of Hume, and also between Lots 20 and 68,
- (lx) unnamed lagoon, offtaking from the Murray River in Lot 10, Parish of Wangumma, County of Tara,
- (lxi) unnamed lagoon, offtaking from the Murray River in Lot 4, Parish of Collendina, County of Hume,
- (lxii) unnamed lagoon, offtaking from the Murray River in W.L. 673, Parish of Moorna, County of Tara,
- (lxiii) unnamed lagoon, offtaking from the Murray River within Lot 298 Parish of Corowa, County of Hume,
- (lxiv) unnamed lagoons, connected to the Murray River and situated within Lots 298, 297 and 299, Parish of Corowa, County of Hume,
- (lxv) unnamed watercourse, anabranh of the Murray River offtaking between Lots 80 and 83, forming the northern boundary of Lot 79, traversing Lot 92 and rejoining the Murray River within Lot 29, Parish of Quat Quatta, County of Hume,
- (lxvi) unnamed watercourse and effluents, (known locally as Breakaway Creek) offtaking from the Murray River in Lot 14, Parish of Bungowannah, County of Hume,
- (lxvii) unnamed watercourse and effluents, (known locally as Yellowbelly Creek) offtaking from the Murray River in Lot 3, Parish of Bungowannah, County of Hume,
- (lxviii) unnamed watercourse and lagoon, connecting Lesters Lagoon with Black Swan Lagoon, Parish of Howlong, County of Hume,
- (lxix) unnamed watercourse, (Box Creek), offtaking from Coobool Creek in Lot 48, Parish Toolmah, County Wakool, to Tallys Lake in Lot 55, Parish Merran, County Wakool,
- (lxx) unnamed watercourse, (Box Creek), Offtaking from Tallys Lake in Lot 54, Parish Merran County Wakool, to earthen block dam and pipe regulator in Lot 12, Parish Merran, County Wakool,
- (lxxi) unnamed watercourse, (known as Hemp Creek) offtaking from the Bookit Creek in Lot 4 DP 756559, Parish of Mia Mia, County of Wakool to the eastern boundary of Lot 4 DP 756559, Parish of Mia Mia, County of Wakool,
- (lxxii) unnamed watercourse, (known locally as Boilingdown Creek), offtaking from the Murray River within Lot 524, Parish of Corowa, County of Hume, and rejoining the Murray River within Collendina State Forest No 98, block 1,

- (lxxiii) unnamed watercourse, (known locally as Hans Creek), offtaking from the Murray River, within Lot 199, Parish of Corowa, County of Hume,
- (lxxiv) unnamed watercourse, (known locally as Horseshoe Lagoon), offtaking from the Murray River between Lots 12 and 46, Parish of Tocumwal, County of Denison,
- (lxxv) unnamed watercourse, connected to the Edward River within section 60, Town of South Deniliquin, Parish of South Deniliquin, County of Townsend, for a distance of 200 metres south easterly from the point of connection,
- (lxxvi) unnamed watercourse, connecting Washpen Creek with Lake Caringay,
- (lxxvii) unnamed watercourse, from its offtake from the Edward River in Lot 78 (T S & C R 35646) Parish of Tumudgery, County of Townsend to its confluence with Colligen Creek in Lot 47 Parish of Tumudgery, County of Townsend,
- (lxxviii) unnamed watercourse, offtaking from an unnamed lagoon within that part of Collendina State Forest No 98 east of Lot 9, Parish of Collendina, County of Hume,
- (lxxix) unnamed watercourse, offtaking from another unnamed watercourse within Lot 64, Parish of Bungowannah, County of Hume, and traversing downstream successively, in a north westerly direction, Lots 275, 257, 241, 240, 248, 249, 250, 251, 172 and 171 Parish of Howlong, County of Hume to its confluence with Lesters Lagoon,
- (lxxx) unnamed watercourse, offtaking from Gum Creek in Lot 49, Parish Toolmah, County Wakool, to its confluence with Coobool Creek in Lot 49, Parish Toolmah, County Wakool,
- (lxxxii) unnamed watercourse, offtaking from the Murray River within Lot 162, Parish of Albury, County of Goulburn, downstream to its confluence with Jingera Jingera Lagoon,
- (lxxxiii) unnamed watercourse, offtaking from the Murray River within Lot 23, Parish of Albury, County of Goulburn,
- (lxxxiv) unnamed watercourse, offtaking from the Murray River within Lot 34, Parish of Albury, County of Goulburn,
- (lxxxv) unnamed watercourse, offtaking from the Murray River within Lot 5, Parish of Wangumma, County of Tara,
- (lxxxvi) unnamed watercourse, offtaking from the Murray River within Lot 56, Parish of Bungowannah, County of Hume,
- (lxxxvii) unnamed watercourse, offtaking from the Murray River within that part of Mulwala State Forest No 100 west of Lot 209, Parish of Mulwala, County of Denison,
- (lxxxviii) Waddy Creek, from Lot 2 DP 868793, Easting: 752182, Northing: 6081449, UTM Zone 54 GDA, Parish of Mellool, County of Wakool to its confluence with Merran Creek in Lot 1, DP 858048, Easting: 748567, Northing: 6087017, UTM Zone 54 GDA, Parish of Willakool, County of Wakool,
- (lxxxviii) Waddy Creek Cutting, from its offtake from the Murray River in Lot 1 DP 868793, Easting: 750976, Northing: 6080045, UTM Zone 54 GDA, Parish of Willakool, County of Wakool to its confluence with the Waddy Creek in Lot 2 DP 868793, Easting: 751915, Northing: 6081546, UTM Zone 54 GDA, Parish of Mellool, County of Wakool,
- (lxxxix) Wakool River, from its offtake on the Edward River downstream to its confluence with the Murray River,
- (xc) Washpen Creek, to a point 805 metres upstream of the junction of the Unnamed Watercourse connecting Washpen Creek with Lake Caringay, and
- (xci) Yallakool Creek, from its effluence from the Edward River between TS & CR 25840, Parish of Brassi, County of Townsend and Lot 78, Parish of Tumudgery, County of Townsend and its confluence with the Wakool River between Lot 54, Parish of Gobran, County of Townsend and Lot 3, Parish of Corry, County of Wakool.

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The ***Lower Darling Regulated River Water Source*** includes but is not limited to the following rivers and lakes:

- (i) Balaka Lake,
- (ii) Bijjje Lake,
- (iii) Cawndilla Creek,
- (iv) Copi Hollow,
- (v) Darling River; from adjacent to "Billilla Homestead" on Lot 3671, DP 766053, County of Livingstone (grid ref. YKD35760 Wilcannia 1:100 000), downstream to the north east corner of Lot 11 DP 756952, Parish of Merche, County of Wentworth,
- (vi) Lake Cawndilla,
- (vii) Lake Menindee,
- (viii) Lake Pamamaroo,
- (ix) Lake Spectacle,
- (x) Lake Speculation,
- (xi) Lake Wetherell,
- (xii) Malta Lake,
- (xiii) Menindee Creek,
- (xiv) Pamamaroo Creek,
- (xv) Redbank Creek; from Lake Tandou, downstream to the crossing situated within Lot W.L. 3345, Parish of Mitta, County of Menindee, known locally as Packers Crossing,
- (xvi) Tandou Creek, from its junction with the Lake Cawndilla outlet channel in Lot 2123, DP764065, Easting: 614946, Northing: 6391413, UTM Zone 54 GDA, Parish of Bintullia, County of Menindee, downstream to Lake Tandou in Lot 3345, DP765601, Easting: 602179, Northing: 6380223, UTM Zone 54 GDA, Parish of Mitta, County of Menindee,
- (xvii) Tandure Lake, and
- (xviii) unnamed lagoon; offtaking from the Darling River within Lot 89 Parish of Avoca County of Wentworth.

[7] **Appendix 5 Operational guidelines for delivering flows prescribed by the Murray Darling Basin Agreement**

Omit the following:

Great Anabranh of the Darling River

The Great Anabranh of the Darling River is not part of this Plan's area. However, under an agreement between the Department of Land and Water Conservation and the Great Anabranh of the Darling River Water Trust, replenishment flows may be provided from New South Wales resources. Provision of supply depends on the availability of adequate water and on there being a need for additional water for domestic and stock purposes.

The present arrangements require a volume of approximately 50,000 ML per year. These may be replaced within the life of this Plan, with a likely option being a piped water supply system servicing landholdings along the Great Anabranh. Water would be pumped from the Darling and a licence or licences issued to secure the required water for the Anabranh landholders.