



Water Sharing Plan for the NSW Border Rivers Unregulated and Alluvial Water Sources Amendment Order 2016

under the

Water Management Act 2000

I, Niall Blair, the Minister for Lands and Water, in pursuance of sections 45 (1) and 45A of the *Water Management Act 2000*, being satisfied it is in the public interest to do so, make the following Order to amend the *Water Sharing Plan for the NSW Border Rivers Unregulated and Alluvial Water Sources 2012*.

Dated this 29th day of June 2016.

NIALL BLAIR, MLC
Minister for Lands and Water

Explanatory note

This Order is made under sections 45 (1) and 45A of the *Water Management Act 2000*. The object of this Order is to amend the *Water Sharing Plan for the NSW Border Rivers Unregulated and Alluvial Water Sources 2012*. The concurrence of the Minister for the Environment was obtained prior to the making of this Order.

Water Sharing Plan for the NSW Border Rivers Unregulated and Alluvial Water Sources Amendment Order 2016

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1 Name of Order

This Order is the *Water Sharing Plan for the NSW Border Rivers Unregulated and Alluvial Water Sources Amendment Order 2016*.

2 Commencement

This Order commences on the day on which it is published on the NSW legislation website.

3 Repeal of management plan

The *Water Sharing Plan for the Tenterfield Creek Water Source 2003* is repealed.

Schedule 1 Amendment of Water Sharing Plan for the NSW Border Rivers Unregulated and Alluvial Water Sources 2012

[1] Clause 4 Application of this Plan

Insert at the end of clause 4 (1) (a) (xii):

(xiii) Tenterfield Creek Water Source,

[2] Clause 4 (2)

Omit the subclause and the note to the subclause. Insert instead:

(2) These water sources are as shown on the Plan Map called *Plan Map (WSP020_Version 1) Water Sharing Plan for the NSW Border Rivers Unregulated and Alluvial Water Sources 2012* (hereafter the ***Plan Map***).

Note. The Plan Map is part of this Plan. An overview of the Plan Map is shown in Appendix 1. Copies of the Plan Map may be inspected at the offices listed in Appendix 2 and are available on the NSW Legislation website.

[3] Clause 4 (3) and (4)

Omit “Registered Map” from clause 4 (3) and (4), wherever occurring. Insert instead “Plan Map”.

[4] Clause 4 (5) (d)

Omit the note to clause 4 (5) (d). Insert instead:

Note. The section of watercourse specified in Schedule 1 is to be included in the *Water Sharing Plan for the Barwon-Darling Unregulated and Alluvial Water Sources 2012*.

[5] Clause 4 (6)

Insert after clause 4 (5):

(6) This Plan, as amended by the *Water Sharing Plan for the NSW Border Rivers Unregulated and Alluvial Water Sources Amendment Order 2016*, replaces the *Water Sharing Plan for the Tenterfield Creek Water Source 2003*.

[6] Clause 4A

Insert after clause 4:

4A Management zones

(1) For the purposes of this Plan, the Tenterfield Creek Water Source is divided into the following management zones:

- (a) Tenterfield Creek Management Zone 1,
- (b) Tenterfield Creek Management Zone 2,
- (c) Tenterfield Creek Management Zone 3,
- (d) Tenterfield Creek Management Zone 4,
- (e) Tenterfield Creek Management Zone 5.

Note. Management zone is defined in the Dictionary.

(2) The management zones in subclause (1) are shown on the Plan Map.

[7] Clause 5 Extraction management units in these water sources

Omit “Registered Map” from clause 5 (3). Insert instead “Plan Map”.

[8] Clause 5 (3)

Omit “Border Rivers Extraction Management Unit” from note (3) to subclause 5 (3).

Insert instead “Border Rivers Unregulated Extraction Management Unit”

[9] Clause 5 Table A

Omit Table A, including the note. Insert instead:

Table A — Extraction management units

Column 1 – Extraction management unit	Column 2 – Water sources
Border Rivers Unregulated Extraction Management Unit	Inverell Water Source Glen Innes Water Source Kings Plains Water Source Mole River Water Source Ottleys Creek Water Source Beardy River Water Source Reedy Creek Water Source

	Bonshaw Water Source Yetman Water Source Camp Creek Water Source Campbells Creek Water Source Tenterfield Creek Water Source
Croppa Creek and Whalan Creek Extraction Management Unit	Croppa Creek and Whalan Creek Water Source

[10] Clause 8A

Insert after clause 8:

8A Acknowledgment

Respect is paid to the traditional owners of this country, who are acknowledged as the first natural resource managers within these water sources.

[11] Clause 10

Omit the clause. Insert instead:

10 Strategies

The strategies of this Plan are to:

- (a) establish performance indicators, and
- (b) establish environmental water rules, and
- (c) identify water requirements for basic landholder rights, and
- (d) identify water requirements for access licences, and
- (e) establish rules for the granting and amending of access licences and approvals, and
- (f) establish rules that place limits on the availability of water for extraction, and
- (g) establish rules for making available water determinations, and
- (h) establish rules for the operation of water allocation accounts, and

- (i) establish rules which specify the circumstances under which water may be extracted, and
- (j) establish access licence dealing rules, and
- (k) identify triggers for and limits to changes to the rules in this Plan.

[12] Clause 11

Omit the clause. Insert instead:

11 Performance indicators

The following performance indicators are to be used to measure the success of the strategies of this Plan in reaching the objectives of this Plan:

- (a) the change in low flow regime,
- (b) the change in moderate to high flow regime,
- (c) the change in surface water and groundwater extraction relative to the long-term average annual extraction limits,
- (d) the change in water quality in these water sources,
- (e) the change in the ecological condition of these water sources and their dependent ecosystems,
- (f) the change in the extent to which domestic and stock rights and native title rights requirements have been met,
- (g) the change in economic benefits derived from water extraction and use,
- (h) the change in the extent to which water has been made available in recognition of the Aboriginal, cultural and heritage values of these water sources.

[13] Clause 13 Climatic variability

Omit “having” from the clause.

[14] Clause 18

Omit the clause. Insert instead:

18 Domestic and stock rights

The water requirements of persons entitled to domestic and stock rights in these water sources are estimated to total 6.23 megalitres per day (hereafter *ML/day*), distributed as follows:

- (a) 0.69 ML/day in the Inverell Water Source,
- (b) 1.07 ML/day in the Glen Innes Water Source,
- (c) 0.33 ML/day in the Kings Plains Water Source,
- (d) 0.68 ML/day in the Mole River Water Source,
- (e) 0.20 ML/day in the Ottleys Creek Water Source,
- (f) 0.33 ML/day in the Beardy River Water Source,
- (g) 0.07 ML/day in the Reedy Creek Water Source,
- (h) 0.04 ML/day in the Bonshaw Water Source,
- (i) 0.10 ML/day in the Yetman Water Source,
- (j) 0.98 ML/day in the Croppa Creek and Whalan Creek Water Source,
- (k) 0.30 ML/day in the Camp Creek Water Source,
- (l) 0.02 ML/day in the Campbells Creek Water Source,
- (m) 0.29 ML/day in the Macintyre Alluvial Groundwater Source,
- (n) 0.49 ML/day in the NSW Border Rivers Upstream Keetah Bridge Alluvial Groundwater Source,
- (o) 0.18 ML/day in the NSW Border Rivers Downstream Keetah Bridge Alluvial Groundwater Source,
- (p) 0.08 ML/day in the Ottleys Creek Alluvial Groundwater Source,
- (q) 0.38 ML/day in the Tenterfield Creek Water Source.

Notes.

- 1 Domestic and stock rights are set out in Division 1 of Part 1 of Chapter 3 of the Act and must be exercised in accordance with any mandatory guidelines established under the Act with respect to the taking and use of water for domestic consumption or stock watering.
- 2 Inherent water quality and land use activities may make the water in some areas unsuitable for human consumption. Water from these water sources should not be consumed without first being tested and, if necessary, appropriately treated. Such testing and treatment is the responsibility of the water user.

[15] Clause 19

Omit “At the commencement of this Plan” from the clause.

[16] Clause 21

Omit the clause. Insert instead:

21 Share components of domestic and stock access licences

It is estimated that the share components of domestic and stock access licences authorised to take water from these water sources total 517.5 ML/year, distributed as follows:

- (a) 82.5 ML/year in the Inverell Water Source,
- (b) 44.5 ML/year in the Glen Innes Water Source,
- (c) 11 ML/year in the Kings Plains Water Source,
- (d) 36.5 ML/year in the Mole River Water Source,
- (e) 28 ML/year in the Ottleys Creek Water Source,
- (f) 6 ML/year in the Beardy River Water Source,
- (g) 0 ML/year in the Reedy Creek Water Source,
- (h) 5 ML/year in the Bonshaw Water Source,
- (i) 6.5 ML/year in the Yetman Water Source,
- (j) 108.5 ML/year in the Croppa Creek and Whalan Creek Water Source,
- (k) 0 ML/year in the Camp Creek Water Source,
- (l) 5 ML/year in the Campbells Creek Water Source,
- (m) 0 ML/year in the Macintyre Alluvial Groundwater Source,

- (n) 0 ML/year in the NSW Border Rivers Upstream Keetah Bridge Alluvial Groundwater Source,
- (o) 0 ML/year in the NSW Border Rivers Downstream Keetah Bridge Alluvial Groundwater Source,
- (p) 0 ML/year in the Ottleys Creek Alluvial Groundwater Source,
- (q) 184 ML/year in the Tenterfield Creek Water Source.

[17] Clause 22

Omit the clause. Insert instead:

22 Share components of local water utility access licences

It is estimated that the share components of local water utility access licences authorised to take water from these water sources total 2,059 ML/year, distributed as follows:

- (a) 1,126 ML/year in the Glen Innes Water Source,
- (b) 64 ML/year in the Mole River Water Source,
- (c) 35 ML/year in the Macintyre Alluvial Groundwater Source,
- (d) 10 ML/year in the NSW Border Rivers Upstream Keetah Bridge Alluvial Groundwater Source,
- (e) 824 ML/year in the Tenterfield Creek Water Source,
- (f) 0 ML/year in all other water sources.

[18] Clause 23

Omit the clause, including the note. Insert instead:

23 Share components of unregulated river access licences

It is estimated that the share components of unregulated river access licences authorised to take water from these water sources total 29,797 unit shares, distributed as follows:

- (a) 7,399 unit shares in the Inverell Water Source,

- (b) 4,702.5 unit shares in the Glen Innes Water Source,
- (c) 620.5 unit shares in the Kings Plains Water Source,
- (d) 4,766.5 unit shares in the Mole River Water Source,
- (e) 1,821 unit shares in the Ottleys Creek Water Source,
- (f) 476 unit shares in the Beardy River Water Source,
- (g) 0 unit shares in the Reedy Creek Water Source,
- (h) 51 unit shares in the Bonshaw Water Source,
- (i) 240 unit shares in the Yetman Water Source,
- (j) 6,303.5 unit shares in the Croppa Creek and Whalan Creek Water Source,
- (k) 82 unit shares in the Camp Creek Water Source,
- (l) 120 unit shares in the Campbells Creek Water Source,
- (m) 3,215 unit shares in the Tenterfield Creek Water Source.

Note. A number of licence holders on the Boomi River have held *Water Act 1912* entitlements with quotas. On or shortly after commencement of this Plan, these quotas will be converted to volumes, and the volumes will be converted to unregulated river access licence share components. On conversion approximately 6,000 unit shares will be added to the total share component for Croppa Creek and Whalan Creek Water Source.

[19] Clause 24 Share components of unregulated river (special additional high flow) access licences

Omit “at the time of commencement of this Plan,” from the clause.

[20] Clause 25 Share components of aquifer access licences

Omit “at the time of commencement of this Plan” from the clause.

[21] Clause 26 Share components of aquifer (high security) access licences

Omit “at the time of commencement of this Plan” from the clause.

[22] Clause 28

Omit the clause. Insert instead:

28 Volume of the long-term average annual extraction limits

- (1) This clause establishes long-term average annual extraction limits by reference to the EMUs and each of the NSW Border Rivers Alluvial Groundwater Sources.
- (2) The long-term average annual extraction limit for the Border Rivers Unregulated Extraction Management Unit is the sum of:
 - (a) the annual extraction of water averaged over the period from 1 July 1993 to 30 June 1999 under entitlements issued under Part 2 of the *Water Act 1912* in the Border Rivers Unregulated Extraction Management Unit, plus
 - (b) the annual water requirements pursuant to domestic and stock rights and native title rights in the following water sources at the commencement of this Plan:
 - (i) Inverell Water Source,
 - (ii) Glen Innes Water Source,
 - (iii) Kings Plains Water Source,
 - (iv) Mole River Water Source,
 - (v) Ottleys Creek Water Source,
 - (vi) Beardy River Water Source,
 - (vii) Reedy Creek Water Source,
 - (viii) Bonshaw Water Source,
 - (ix) Yetman Water Source,
 - (x) Camp Creek Water Source,
 - (xi) Campbells Creek Water Source, plus
 - (c) the annual water requirements pursuant to domestic and stock rights and native title rights from the Tenterfield Creek Water Source at the commencement of the *Water Sharing Plan for the Tenterfield Creek Water Source 2003*, plus
 - (d) the annual extraction of water averaged over the period from 1 July 1993 to 30 June 1999 by floodplain harvesting activities for which floodplain harvesting

access licences were later issued in the Border Rivers Unregulated Extraction Management Unit.

- (3) The long-term average annual extraction limit for the Croppa Creek and Whalan Creek Extraction Management Unit is the sum of:
- (a) the annual extraction of water averaged over the period from 1 July 1993 to 30 June 1999 under entitlements issued under Part 2 of the *Water Act 1912* in the Croppa Creek and Whalan Creek Extraction Management Unit, plus
 - (b) the annual water requirements pursuant to domestic and stock rights and native title rights in the Croppa Creek and Whalan Creek Extraction Management Unit at the commencement of this Plan, plus
 - (c) the annual extraction of water averaged over the period from 1 July 1993 to 30 June 1999 by floodplain harvesting activities for which floodplain harvesting access licences were later issued in the Croppa Creek and Whalan Creek Extraction Management Unit.
- (4) The long-term average annual extraction limit for the Macintyre Alluvial Groundwater Source is 373 ML/year.

Note. The long-term average annual extraction limit for the Macintyre Alluvial Groundwater Source is as follows:

- (a) an estimate of active entitlement for those entitlements issued under Part 5 of the *Water Act 1912* in this water source at the commencement of this Plan, other than entitlement issued to local water utilities, plus
 - (b) an estimate of annual water requirements for domestic and stock rights and native title rights in this water source at the commencement of this Plan, plus
 - (c) the volume of the entitlement issued to local water utilities under Part 5 of the *Water Act 1912* in this water source at the commencement of this Plan.
- (5) The long-term average annual extraction limit for the NSW Border Rivers Upstream Keetah Bridge Alluvial Groundwater Source is 8,085.3 ML/year.

Note. The long-term average annual extraction limit for the NSW Border Rivers Upstream Keetah Bridge Alluvial Groundwater Source consists of:

- (a) the sum of the maximum five-year average of annual extractions for each individual entitlement issued under Part 5 of the *Water Act 1912* in this water source in the period 1 July 1993 and 30 June 2010 that were metered, other than entitlement issued to local water utilities, plus

- (b) an estimate of annual water requirements for domestic and stock rights and native title rights in this water source at the commencement of this Plan, plus
 - (c) the volume of the entitlement issued to local water utilities under Part 5 of the *Water Act 1912* in this water source at the commencement of this Plan.
- (6) The long-term average annual extraction limit for the NSW Border Rivers Downstream Keetah Bridge Alluvial Groundwater Source is 316.4 ML/year.

Note. The long-term average annual extraction limit for the NSW Border Rivers Downstream Keetah Bridge Alluvial Groundwater Source is as follows:

- (a) an estimate of active entitlement for those entitlements issued under Part 5 of the *Water Act 1912* in this water source at the commencement of this Plan, plus
 - (b) an estimate of annual water requirements for domestic and stock rights and native title rights in this water source at the commencement of this Plan.
- (7) The long-term average annual extraction limit for the Ottleys Creek Alluvial Groundwater Source is 29.7 ML/year.

Note. The long-term average annual extraction limit for the Ottleys Creek Alluvial Groundwater Source is as follows:

- (a) an estimate of active entitlement for those entitlements issued under Part 5 of the *Water Act 1912* in this water source at the commencement of this Plan, plus
- (b) an estimate of annual water requirements for domestic and stock rights and native title rights in this water source at the commencement of this Plan.

Note. Under section 8F of the Act the long-term average annual extraction limit is taken to be varied by the amount of any change to the amount of water committed as licensed environmental water, excluding water committed under section 8C of the Act. Water committed as licensed environmental water is not to be accounted for as extraction. The variation in the long-term average annual extraction limit is to be determined in accordance with a methodology approved by the Minister and published in the Gazette.

[23] Clause 31 Compliance with the long-term average annual extraction limits

Omit the note to clause 31 (4). Insert instead:

Note. Any reductions to available water determinations under subclause (2) will apply to all unregulated river access licences and unregulated river (special additional high flow) access licences in the Border Rivers Unregulated Extraction Management Unit.

[24] Clause 44

Omit the clause. Insert instead:

44 Access rules for the taking of surface water

- (1) This clause applies to the taking of water under an access licence from the NSW Border Rivers Unregulated Water Sources, excluding the taking of water under an access licence used:

- (a) in association with an aquifer interference activity that is an approved EP&A Act development when:
 - (i) in the Minister's opinion, there are no reasonably practicable measures the access licence holder can take to comply with the access rules under this clause, and
 - (ii) the access licence holder has a water management plan for the aquifer interference activity that has been approved in accordance with the development consent for the activity under the *Environmental Planning and Assessment Act 1979*, and
 - (iii) the water management plan includes conditions that require the return of water to the water source to mitigate the taking of water during times when the access rules apply under this clause, or
- (b) in association with an aquifer interference activity when:
 - (i) in the Minister's opinion, there are no reasonably practicable measures the access licence holder can take to comply with the access rules under this clause, and
 - (ii) the access licence holder has a water management plan for the aquifer interference activity that has been approved by the Minister, and
 - (iii) the water management plan includes conditions that require the return of water to the water source to mitigate the taking of water during times when the access rules apply under this clause.

Note. *Approved EP&A Act development* is defined in the Dictionary.

- (2) Subject to subclause (10), water must not be taken under an access licence when there is no visible flow in the water source at the location at which water is proposed to be taken. This subclause does not apply to the taking of water from an in-river pool or an off-river pool.

Note. *Visible flow, in-river pool* and *off-river pool* are defined in the Dictionary.

- (3) Water must not be taken under an access licence specified in Column 1 of the table in Schedule 1A, with a share component that specifies the water source in Column 2 of the

table in Schedule 1A, in contradiction of the access rule specified in Column 3 of the table in Schedule 1A.

Note. Those former *Water Act 1912* entitlements and the cease to take conditions that have been identified as being higher than the upper limit of the relevant access rule specified in subclauses (2), (4) and (5) are listed in Schedule 1A.

- (4) Subject to subclause (10), water must not be taken under an access licence from an in-river pool or an off-river pool when the volume in that pool is less than the full capacity of the pool. This rule does not apply to an access licence listed in Schedule 2.

Note. *Full capacity* is defined in the Dictionary.

- (5) Subject to subclause (10), water must not be taken under an access licences specified in Column 1 in contradiction of the access rule specified in Column 2 in the water source specified in Column 3 of the table in clause 1 of Schedule 2.

- (6) Water must not be taken under an unregulated river (special additional high flow) access licence specified in Column 1 in contradiction of the access rule specified in Column 2 in the water source specified in Column 3 of Schedule 3.

- (7) Water must not be taken under an access licence from an in-river dam pool created by a structure authorised by a water supply work approval when flows or storage levels in that pool are at or less than a cease to take condition that was specified on the *Water Act 1912* entitlement that the access licence replaces.

- (8) Water must not be taken from an in-river dam pool unless the in-river dam is passing such flows as specified on the water supply work approval for the in-river dam.

Note. *In-river dam* and *in-river dam pool* are defined in the Dictionary.

- (9) The flows to be specified on the water supply work approval for the in-river dam referred to in subclause (8) are:

- (a) the flows that were specified in the conditions on the *Water Act 1912* entitlement that the approval replaces, or
- (b) where no flows were specified, the flows determined by the Minister.

- (10) Subclauses (2), (4) and (5) do not apply to the following:

- (a) the taking of water under an access licence to which clause 1 of Schedule 4 applies or an access licence which replaces a *Water Act 1912* entitlement, for any of the following purposes, provided that the volume of water taken does not exceed 20 kilolitres per day per access licence or such lower amount specified in accordance with subclause (11):
 - (i) fruit washing,
 - (ii) cleaning of dairy plant and equipment for the purpose of hygiene,
 - (iii) poultry watering and misting, or
 - (iv) cleaning of enclosures used for intensive animal production for hygiene purposes,
- (b) the taking of water for domestic consumption only under a domestic and stock access licence or a domestic and stock (subcategory “domestic”) access licence that existed at the commencement of this Plan or at the commencement of the *Water Sharing Plan for the Tenterfield Creek Water Source 2003*, provided that the volume of water taken does not exceed 1 kilolitre per house supplied by the access licence per day,
- (c) the taking of water for stock watering only under a domestic and stock access licence or a domestic and stock (subcategory “stock”) access licence:
 - (i) that existed at the commencement of this Plan, and
 - (ii) with a share component that specifies one of the NSW Border Rivers Unregulated Water Sources, excluding the Tenterfield Creek Water Source,until Year 6 of this Plan, provided that the volume of water taken does not exceed 14 litres per hectare of grazeable area per day,

Note. Grazeable area and Year 6 of this Plan are defined in the Dictionary.
- (d) the taking of water using a runoff harvesting dam or from an in-river dam pool, and

Note. Runoff harvesting dam is defined in the Dictionary.
- (e) the taking of water under a local water utility access licence or an access licence of the subcategory “Town water supply” to which clause 2 of Schedule 4 applies.

- (11) The Minister may reduce the maximum daily volume limit imposed by the rule under subclause (10) (a) for an access licence if the Minister is satisfied that the reduced volume is satisfactory to meet the relevant purpose referred to in that subclause.

Note. The method by which the Minister can reduce the maximum daily volume limit is by amending the mandatory conditions of the relevant water supply work. Under section 102 (3) of the Act, the mandatory conditions of an approval may be imposed, amended, revoked or suspended by the Minister whenever it is necessary to do so in order to enable compliance with or give effect to a relevant management plan.

- (12) Subject to subclause (2), the taking of water under an access licence with a share component that specifies the Tenterfield Creek Water Source must not commence until there has been a visible flow for a period of 24 hours at the location at which water is proposed to be taken.

[25] Clause 48 Granting and amending water supply work approvals

Omit clause 48 (1), including the note. Insert instead:

- (1) If the sum of the share components of access licences nominating a water supply work that is a runoff harvesting dam or an in-river dam is reduced via:
- (a) a dealing,
 - (b) the surrender under section 77 of the Act of an access licence and then the subsequent cancellation of that access licence under section 77A (6) of the Act,
 - (c) the amendment of the share component of the access licence by the Minister under section 68A of the Act, or
 - (d) the cancellation of an access licence under section 78 of the Act or via the compulsory acquisition of an access licence under section 79 of the Act,

the Minister may require the modification of the dam to ensure that the capability of the dam to capture water is reduced to reflect that reduction in share component.

Note. The Minister can require the modification of the dam by amending the mandatory conditions of the relevant water supply work approval. Under section 102 (3) of the Act, the mandatory conditions of an approval may be imposed, amended, revoked or suspended by the Minister whenever it is necessary to do so in order to enable compliance with or to give effect to a relevant management plan.

- (1A) A water supply work approval must not be granted or amended to authorise an in-river dam on a third order or higher stream within the following water sources:

- (a) the Glenn Innes Water Source,
- (b) the Mole River Water Source,
- (c) the Ottleys Creek Water Source,
- (d) the Beardy Creek Water Source,
- (e) the Reedy Creek Water Source,
- (f) the Bonshaw Water Source,
- (g) the Croppa Creek Water Source,
- (h) the Camp Creek Water Source,
- (i) the Campbells Creek Water Source,
- (j) the Tenterfield Creek Water Source.

Note. Water supply work approvals may be granted or amended for in-river dams on third order or higher streams within all water sources to which this Plan applies, other than those specified in subclause (2), consistent with the NSW Weirs Policy, the principles of the Act, the *Fisheries Management Act 1994* and any other relevant legislation.

[26] Clause 48 (2) and (3)

Omit the subclauses, including the note. Insert instead:

- (2) A water supply work approval must not be granted or amended to authorise the construction and/or use of a water supply work which, in the Minister's opinion, is being used or proposed to be used to take water from a pool, lagoon, lake or wetland listed in Schedules 5 or 6.
- (3) Subclause (2) does not apply to a replacement surface water supply work.
- (4) For the purposes of this Plan, ***replacement surface water supply work*** means a water supply work that replaces an existing water supply work constructed and used for the purpose of taking water from these water sources where:
 - (a) the existing water supply work is authorised by a water supply work approval under the Act, and

- (b) the replacement surface water work is to be constructed to extract water from the same water source and the same location as the existing water supply work.

Note. The mandatory conditions provisions of this Plan require water supply works that are abandoned or replaced to be decommissioned (unless otherwise directed by the Minister) and that the Minister is notified within 60 days of decommissioning. See clause 66 (1) (e) and (f).

[27] Clause 52 Rules for water supply works located near contamination sources

Omit clause 52 (1) (c).

[28] Clause 52

Insert after clause 52 (1):

- (1A) In addition to subclause (1), a water supply work approval must not be granted or amended to authorise the construction of a water supply work which, in the Minister's opinion, is or is proposed to be located at a distance from a plume associated with a contamination source listed in Schedule 7 that is likely to be insufficient to protect the water source or public health and safety.

[29] Clause 53 Rules for water supply works located near groundwater dependent ecosystems

Omit clause 53 (1). Insert instead:

- (1) A water supply work approval must not be granted or amended to authorise the construction of a water supply work which, in the Minister's opinion, is or is proposed to be located within:
- (a) 100 metres of a high priority groundwater dependent ecosystem listed in Schedule 8, in the case of a water supply work that will be authorised to take water pursuant to basic landholder rights only, or
 - (b) 200 metres of a high priority groundwater dependent ecosystem listed in Schedule 8, in the case of a water supply work that will be nominated by an access licence, or
 - (c) 40 metres of the top of the high bank of a river.
- (1A) In addition to subclause (1), a water supply work approval must not be granted or amended to authorise the construction of a water supply work which, in the Minister's opinion, is or is proposed to be located at a distance from a high priority groundwater

dependent ecosystem listed in Schedule 8 if the construction and use of the water supply work at that distance is likely to cause more than minimal drawdown of that high priority groundwater dependent ecosystem. This subclause does not apply to water supply works that will be authorised to take water pursuant to basic landholder rights only.

[30] Clause 54 Rules for water supply works located near groundwater dependent culturally significant sites

Insert after clause 54 (1) (b):

Note. Groundwater dependent culturally significant sites are currently under investigation and may be identified during the term of this Plan. The full list of potential groundwater dependent culturally significant sites will be identified in the Aboriginal Water Initiative System (AWIS) and, as a precautionary approach, will be considered by staff in the assessment of any application for a water supply work approval within the area of this Plan.

[31] Clause 56 Rules for the use of water supply works located within restricted distances

Omit clause 56 (3). Insert instead:

- (3) Subclauses (1) and (2) do not apply:
- (a) where a restricted distance does not apply in accordance with clauses 50 (2) (a), (b) and (d), 51 (2) (a), (b) and (d), 52 (2), 53 (2) and (3) (a), (b) and (d) and 54 (2) (a), (b) and (d), or
 - (b) to the taking of water pursuant to basic landholder rights.

[32] Clause 59 Assignment of rights dealings (within water sources)

Omit “(within water sources)” from the heading.

[33] Clause 59 (1)

Insert “within the same water source” after “Act”.

[34] Clause 59 (1) (l)

Insert after clause 59 (1) (k):

, and

- (l) an access licence that nominates water supply work located in a management zone in the Tenterfield Creek Water Source to an access licence that nominates a water supply work located in another management zone in the Tenterfield Creek Water Source.

[35] Clause 59 (3)

Insert after clause 59 (2):

- (3) Dealings under section 71Q of the Act between water sources within the same water management area are prohibited in these water sources.

[36] Clause 61 Assignment of water allocations dealings

Insert after clause 61 (1) (k):

, and

- (l) an access licence that nominates water supply work located in a management zone in the Tenterfield Creek Water Source to an access licence that nominates a water supply work located in another management zone in the Tenterfield Creek Water Source.

[37] Clause 63 Nomination of water supply works dealings

Insert after clause 63 (1) (k):

- (l) an access licence that nominates water supply work located in a management zone in the Tenterfield Creek Water Source to an access licence that nominates a water supply work located in another management zone in the Tenterfield Creek Water Source, or
- (m) an access licence being amended to nominate a water supply work located in a different water source to that specified in the share component of the access licence.

[38] Clause 64 General

Omit the clause. Insert instead:

64 General

In this Part:

- (a) a requirement to notify the Minister in writing will only be satisfied by writing to the address listed in Appendix 4 of this Plan or to the email address for the Department's Advisory Service, Water Regulation, and

Note. At the commencement of this Plan, the email address for the Department's Advisory Service, Water Regulation is water.enquiries@dpi.nsw.gov.au.

- (b) ***metered water supply work with a data logger*** means a water supply work with:
- (i) a meter that complies with the Australian Standard AS 4747, *Meters for non-urban water supply*, as may be updated or replaced from time to time, and
 - (ii) a data logger, and
- (c) if the holder of a water supply work approval is the same as the holder of the access licence under which water is proposed to be taken, then it is not necessary to maintain two separate Logbooks and all the required information can be kept in one Logbook.

Note. **Logbook** is defined in the Dictionary.

[39] Clause 65 General

Omit clause 65 (1). Insert instead;

- (1) Access licences in these water sources must have mandatory conditions where required to give effect to the following:
- (a) the relevant water allocation account management rules specified in Division 1 of Part 8 of this Plan,
 - (b) the relevant access rules for the taking of water specified in Division 2 of Part 8 of this Plan,
 - (c) the holder of the access licence upon becoming aware of a breach of any condition of the access licence must:
 - (i) notify the Minister as soon as practicable, and
 - (ii) if the notification under subparagraph (i) was not in writing, confirm this notification in writing within seven days of becoming aware of the breach,
 - (d) any other condition required to implement the provisions of this Plan.

[40] Clause 65 (2) (b) (i)

Omit "period of". Insert instead "start and end".

[41] Clause 65 (3)

Omit “an”. Insert instead “the”.

[42] Clause 65 (4)

Omit “a project under Part 4 for State Significant Development or Part 3A for State Significant Infrastructure under Part 5.1 of the *Environmental Planning and Assessment Act 1979*”. Insert instead “an approved EP&A Act development”.

[43] Clause 66 General

Omit clause 66 (1). Insert instead:

(1) Water supply work approvals for water supply works in these water sources must have mandatory conditions, where required to give effect to the following:

(a) when directed by the Minister by notice in writing, the approval holder must have metering equipment installed that meets the following requirements:

(i) the metering equipment must accurately measure and record the flow of all water taken through the water supply work,

(ii) the metering equipment must comply with the Australian Standard *AS 4747, Meters for non-urban water supply*, as may be updated or replaced from time to time,

(iii) the metering equipment must be operated and maintained in a proper and efficient manner at all times,

(iv) the metering equipment must be sited and installed at a place in the pipe, channel or conduit between the water source and the first discharge outlet. There must be no flow of water out of the pipe, channel or conduit between the water source and the metering equipment,

(v) any other requirements as to type, standard or other criteria for the metering equipment specified in the notice,

Note. The Minister may also direct a landholder or person to install, replace or properly maintain metering equipment under section 326 of the Act.

(b) if a water supply work is to no longer be used permanently, then the approval holder of that work must provide the Minister with notice in writing that the

approval holder intends to decommission the water supply work, at least 90 days prior to the date of commencement of decommissioning,

- (c) upon receiving notice of the intention to decommission from the approval holder under paragraph (b), the Minister may by notice in writing, require that the water supply work not be decommissioned, or that the water supply work be decommissioned in accordance with other requirements. These requirements may be specified by the Minister in a work plan,

Note. If a notice in writing is required from the Minister regarding the decommissioning of a water supply work, this notice will be sent to the approval holder within 60 days of the notice under paragraph (b) being sent.

- (d) if the approval holder receives a notice from the Minister under paragraph (c), the approval holder must proceed in accordance with any requirements in that notice,
- (e) if the approval holder does not receive a notice from the Minister under paragraph (c) within 60 days of providing notice of the intent to decommission under paragraph (b), the approval holder must decommission the water supply work,
- (f) within 60 days of the water supply work being decommissioned under paragraphs (d) or (e), the approval holder must notify the Minister in writing that the water supply work has been decommissioned,
- (g) the holder of the water supply work approval upon becoming aware of a breach of any condition of the approval must:
- (i) notify the Minister as soon as practicable, and
 - (ii) if the notification under subparagraph (i) was not in writing, confirm this notification in writing within seven days of becoming aware of the breach,
- (h) any other conditions required to implement the provisions of this Plan.

[44] Clause 66 (2) (b) (i)

Omit “period of”. Insert instead “start and end”.

[45] Clause 66 (6)

Insert after clause 66 (5):

- (6) A water supply work approval for a surface water supply work must have mandatory conditions where required to give effect to the requirements for a replacement surface water supply work specified in or specified by the Minister in accordance with clause 48 (4).

[46] Clause 67 Water supply works authorised to take water from the NSW Border Rivers Alluvial Groundwater Sources

Omit clause 67 (2). Insert instead:

- (2) Water supply work approvals to which this clause applies must have mandatory conditions, where required to give effect to the following:
- (a) the rules for limiting the taking of water within the restricted distances as specified in clause 56,
 - (b) the approval holder must ensure the water supply work is constructed so as to be:
 - (i) screened in the groundwater source specified in the share component of the access licence that nominates the water supply work, and
 - (ii) sealed off from all other water sources,
 - (c) the construction of a new water supply work must:
 - (i) comply with the restricted distances specified in or specified by the Minister in accordance with clauses 50 to 54, and
 - (ii) comply with the construction standards for that type of bore prescribed in the *Minimum Construction Requirements for Water Bores in Australia, 2012*, and
Note. *Minimum Construction Requirements for Water Bores in Australia* is defined in the Dictionary.
 - (iii) be constructed appropriately to prevent contamination between aquifers, and
 - (iv) be constructed to prevent the flow of saline water between aquifers as directed by the Minister in writing,
 - (d) if a water supply work is to no longer be used permanently, then the approval holder of that work must provide the Minister with notice in writing that the

approval holder intends to decommission the water supply work, at least 90 days prior to the date of commencement of decommissioning and include a work plan for decommissioning in accordance with the Minimum Construction Requirements for Water Bores in Australia,

- (e) upon receiving notice of the intention to decommission from the approval holder under paragraph (d), the Minister may by notice in writing, require that the water supply work not be decommissioned, or that the water supply work be decommissioned in accordance with other requirements,

Note. If a notice in writing is required from the Minister regarding the decommissioning of a water supply work, this notice will be sent to the approval holder within 60 days of the notice under paragraph (d) being sent.

- (f) if the approval holder receives a notice from the Minister under paragraph (e), the approval holder must proceed in accordance with any requirements in that notice,
- (g) if the approval holder does not receive a notice from the Minister under paragraph (e) within 60 days of providing notice of the intent to decommission under paragraph (d), the approval holder must decommission the water supply work in accordance with the work plan,
- (h) within 60 days of the water supply work being decommissioned under paragraphs (f) or (g), the approval holder must notify the Minister in writing that the water supply work has been decommissioned and provide the name of the driller who decommissioned the work,
- (i) the approval holder must, within 60 days of completion of the construction of the water supply work, or within 60 days after the issue of the water supply work approval if the approval is for the amendment of an existing water supply work, submit the details of the water supply work to the Department in a form approved by the Minister,
- (j) if, during the construction of the water supply work, contaminated water is encountered above the production aquifer, the approval holder must:
 - (i) notify the Minister within 48 hours of becoming aware of the contaminated water, and
 - (ii) take all reasonable steps to minimise contamination and environmental

harm, and

- (iii) ensure that such water is sealed off by inserting casing to a depth sufficient to exclude the contaminated water from the water supply work and, if specified by the Minister, place an impermeable seal between the casing(s) and the walls of the water supply work from the bottom of the casing to ground level as specified by the Minister, and
- (iv) if the Minister has specified any other requirements, comply with any requirements specified by the Minister in writing,
- (k) when directed by the Minister by notice in writing, the approval holder must provide a report in the form specified in the notice detailing the quality of any water obtained using the water supply work,
- (l) the authority to construct a water supply work under a water supply work approval will expire if the construction of that water supply work is not completed within three years of the issue of the water supply work approval,
- (m) any other conditions required to implement the provisions of this Plan.

[47] Clause 69 Part 1

Omit “Registered” from clause 69 (d). Insert instead “Plan”.

[48] Clause 71

Omit the clause. Insert instead:

71 Part 6

- (1) Part 6 may be amended to do any of the following:
 - (a) increase the long-term annual average extraction limit for the NSW Border Rivers Upstream Keetah Bridge Alluvial Groundwater Source, the NSW Border Rivers Downstream Keetah Bridge Alluvial Groundwater Source and/or the Ottleys Creek Alluvial Groundwater Source following any new information from further studies,

Note. The NSW Border Rivers Upstream Keetah Bridge Alluvial Groundwater Source is part of an aquifer that extends into Queensland. Queensland has a legislative requirement to develop a groundwater model to inform their equivalent long-term average annual extraction limit. This amendment provision relates to the opportunity to consider new information from the work undertaken by Queensland with regard to modelling of the aquifer. This modelling work could inform better estimates of water usage patterns and surface/groundwater

connectivity in relation to the determination of the long-term average annual extraction limit, which has been based on the history of extraction over a specified period.

- (b) amend clause 36 to specify that reductions to available water determinations for unregulated river (special additional high flow) access licences may be made prior to, or at a rate greater than, reductions for unregulated river access licences, or
- (2) Following the surrender under section 77 of the Act of an access licence and then the cancellation under section 77A (6) of the Act of an access licence in one of these water sources, the Minister may amend clause 28 to vary the long-term average annual extraction limit that applies to the EMUs or that water source.

[49] Clause 72 Part 8

Insert after clause 72 (i):

- (j) amend existing flow classes, establish new or additional flow classes or amend the flow reference point in order to establish TDELs and IDELs.

[50] Clause 76 Schedules

Insert after clause 76 (1):

(1A) Schedule 1A may be amended to:

- (a) remove an access licence or *Water Act 1912* entitlement specified in Column 1 of the table to the Schedule and the corresponding water source and access rule in Columns 2 and 3,
- (b) add a new access licence to Column 1 of the table to the Schedule and specify a water source and access rule in Columns 2 and 3, if, in the Minister's opinion:
 - (i) the cease to take conditions that were specified on the *Water Act 1912* entitlement were more restrictive than the access rules specified in clause 44 of this Plan, and
 - (ii) the access rule to be specified in Column 3 of the table to the Schedule for that access licence is no more restrictive than the cease to take conditions that were specified on *the Water Act 1912* entitlement.

[51] Dictionary

Insert in alphabetical order:

approved EP&A Act development means:

- (a) a project approved under Part 3A of the *Environmental Planning and Assessment Act 1979* (whether before or after its repeal), or
- (b) State significant development authorised by a development consent under Part 4 of that Act, or
- (c) State significant infrastructure approved under Part 5.1 of that Act.

Minimum Construction Requirements for Water Bores in Australia means the document published by the National Uniform Drillers Licensing Committee entitled *Minimum Construction Requirements for Water Bores in Australia, 3rd Ed, 2012*, ISBN 978-0-646-56917-8.

Year 6 of this Plan means from the date of 1 July 2017 to 30 June 2018.

[52] Schedule 1A

Insert after Schedule 1:

Schedule 1A Access licences subject to the cease to take condition specified in clause 44 (3)

The access licences which replace *Water Act 1912* entitlements listed in Column 1 of the table below and which have share components that specify the water sources listed in Column 2 of the table below, will have the access rule specified in Column 3 imposed as mandatory conditions to give effect to clause 44 (3).

Column 1	Column 2	Column 3
<i>Water Act 1912</i> entitlements that will be replaced by access licences on commencement of this Plan	Water Source	Access rules
90SL007352	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River through the box culverts at Brodies Plains causeway, located between Lot 1 DP 1022611, Parish of Campbell and Lot 98 DP 753277, Parish of Elmsmore, both in the County of Gough.
90SL009399	Inverell	The authorised work shall not be used for the purpose of

Column 1 <i>Water Act 1912</i> entitlements that will be replaced by access licences on commencement of this Plan	Column 2 Water Source	Column 3 Access rules
		irrigation unless there is a visible flow maintained in the Macintyre River at the Arrawatta Road causeway located between Lot 23 DP 5217, Parish of Champagne and Lot 2 DP 1053745, Parish of Burgundy, both in the County of Arrawatta.
90SL010064	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River through the box culverts at Brodies Plains causeway, located between Lot 1 DP 1022611, Parish of Campbell and Lot 98 DP 753277, Parish of Elmsmore, both in the County of Gough.
90SL011943	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River through the box culverts at Brodies Plains causeway, located between Lot 1 DP 1022611, Parish of Campbell and Lot 98 DP 753277, Parish of Elmsmore, both in the County of Gough.
90SL012388	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River at the Arrawatta Road causeway located between Lot 23 DP 5217, Parish of Champagne and Lot 2 DP 1053745, Parish of Burgundy, both in the County of Arrawatta.
90SL012423	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River through the box culverts at Brodies Plains causeway, located between Lot 1 DP 1022611, Parish of Campbell and Lot 98 DP 753277, Parish of Elmsmore, both in the County of Gough.
90SL012439	Inverell	The authorised work shall not be used for the purpose of

Column 1 <i>Water Act 1912</i> entitlements that will be replaced by access licences on commencement of this Plan	Column 2 Water Source	Column 3 Access rules
		irrigation unless there is a visible flow maintained in the Macintyre River at the Arrawatta Road causeway located between Lot 23 DP 5217, Parish of Champagne and Lot 2 DP 1053745, Parish of Burgundy, both in the County of Arrawatta.
90SL013833	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River through the box culverts at Brodies Plains causeway, located between Lot 1 DP 1022611, Parish of Campbell and Lot 98 DP 753277, Parish of Elmsmore, both in the County of Gough.
90SL014189	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow in Swan Brook at the road bridge on the Gwydir State Highway.
90SL014989	Inverell	When there is a flow in Sheep Station Gully at the southern boundary of Lot 299 DP 753287, Parish of Inverell, County of Gough, the authorised work shall not be used unless there is a visible flow in the said gully at or near the eastern boundary of Lot 393 DP 753287, said Parish of Inverell.
90SL015050	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow in Swan Brook at the road bridge on the Gwydir State Highway.
90SL015052	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River through the box culverts at Brodies Plains causeway, located between Lot 1 DP 1022611, Parish of Campbell and Lot 98 DP 753277, Parish of Elmsmore, both in the County of Gough.

Column 1 <i>Water Act 1912</i> entitlements that will be replaced by access licences on commencement of this Plan	Column 2 Water Source	Column 3 Access rules
90SL015166	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River at "Redrock" Reserve Road crossing, located between Lot 11 DP 612316 and Lot 273 DP 753287, Parish of Inverell, both in the County of Gough.
90SL015170	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River at the Graman-Ashford Road bridge.
90SL017618	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River at the Arrawatta Road causeway located between Lot 23 DP 5217, Parish of Champagne and Lot 2 DP 1053745, Parish of Burgundy, both in the County of Arrawatta.
90SL018027	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River through the box culverts at Brodies Plains causeway, located between Lot 1 DP 1022611, Parish of Campbell and Lot 98 DP 753277, Parish of Elmsmore, both in the County of Gough.
90SL024062	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River at the Graman-Ashford Road bridge.
90SL025135	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River through the box culverts at Brodies Plains causeway, located between Lot 1 DP 1022611, Parish of Campbell and Lot 98 DP 753277, Parish of Elmsmore, both in

Column 1 <i>Water Act 1912 entitlements that will be replaced by access licences on commencement of this Plan</i>	Column 2 Water Source	Column 3 Access rules
		the County of Gough.
90SL025241	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River at the Graman-Ashford Road bridge.
90SL025525	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River through the box culverts at Brodies Plains causeway, located between Lot 1 DP 1022611, Parish of Campbell and Lot 98 DP 753277, Parish of Elmsmore, both in the County of Gough.
90SL026337	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River at the Arrawatta Road causeway located between Lot 23 DP 5217, Parish of Champagne and Lot 2 DP 1053745, Parish of Burgundy, both in the County of Arrawatta.
90SL026351	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow in Swan Brook at the Ashford-Inverell Road bridge, located just upstream of the junction of Swan Brook with the Macintyre River at the point where Swan Brook crosses the Kings Plain Road, located about 40 metres downstream of the north-western corner of Lot 183 DP 753269, Parish of Campbell, County of Gough and also at the point where Swan Brook crosses the Woodstock Road located immediately upstream of the most easterly corner of Lot 182 DP 753315, Parish of Swan Brook, said County of Gough.
90SL027386	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the

Column 1 <i>Water Act 1912 entitlements that will be replaced by access licences on commencement of this Plan</i>	Column 2 Water Source	Column 3 Access rules
		Macintyre River at the Graman-Ashford Road bridge.
90SL027653	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River through the box culverts at Brodies Plains causeway, located between Lot 1 DP 1022611, Parish of Campbell and Lot 98 DP 753277, Parish of Elmsmore, both in the County of Gough.
90SL028263	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River at the Graman-Ashford Road bridge.
90SL028503	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River at "Redrock" Reserve Road crossing, located between Lot 11 DP 612316 and Lot 273 DP 753287, Parish of Inverell, both in the County of Gough.
90SL028762	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow in Swan Brook at the Ashford-Inverell Road bridge, located just upstream of the junction of Swan Brook with the Macintyre River at the point where Swan Brook crosses the Kings Plain Road, located about 40 metres downstream of the north-western corner of Lot 183 DP 753269, Parish of Campbell, County of Gough and also at the point where Swan Brook crosses the Woodstock Road located immediately upstream of the most easterly corner of Lot 182 DP 753315, Parish of Swan Brook, said County of Gough.
90SL028969	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the

Column 1 <i>Water Act 1912</i> entitlements that will be replaced by access licences on commencement of this Plan	Column 2 Water Source	Column 3 Access rules
		Macintyre River through the box culverts at Brodies Plains causeway, located between Lot 1 DP 1022611, Parish of Campbell and Lot 98 DP 753277, Parish of Elmsmore, both in the County of Gough.
90SL031131	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River at the Arrawatta Road causeway located between Lot 23 DP 5217, Parish of Champagne and Lot 2 DP 1053745, Parish of Burgundy, both in the County of Arrawatta.
90SL031236	Inverell	When there is a flow in sheep station gully at the southern boundary of Lot 299 DP 753287, Parish of Inverell, County of Gough, the authorised work shall not be used unless there is a visible flow in the said gully at or near the eastern boundary of Lot 393 DP 753287, said Parish of Inverell.
90SL031428	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River at the Graman-Ashford Road bridge.
90SL031743	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River at the Graman-Ashford Road bridge.
90SL033753	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River at "Redrock" Reserve Road crossing, located between Lot 11 DP 612316 and Lot 273 DP 753287, Parish of Inverell, both in the County of Gough.
90SL034408	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the

Column 1 <i>Water Act 1912 entitlements that will be replaced by access licences on commencement of this Plan</i>	Column 2 Water Source	Column 3 Access rules
		Macintyre River at the Graman-Ashford Road bridge.
90SL034499	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River at the Arrawatta Road causeway located between Lot 23 DP 5217, Parish of Champagne and Lot 2 DP 1053745, Parish of Burgundy, both in the County of Arrawatta.
90SL034509	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River at "Redrock" Reserve Road crossing, located between Lot 11 DP 612316 and Lot 273 DP 753287, Parish of Inverell, both in the County of Gough.
90SL036140	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River at the Graman-Ashford Road bridge.
90SL036825	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River at the Graman-Ashford Road bridge.
90SL037165	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River at the Arrawatta Road causeway located between Lot 23 DP 5217, Parish of Champagne and Lot 2 DP 1053745, Parish of Burgundy, both in the County of Arrawatta.
90SL037660	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River through the box culverts at Brodies Plains causeway, located between Lot 1 DP 1022611, Parish of Campbell and Lot 98 DP 753277, Parish of Elmsmore, both in

Column 1 <i>Water Act 1912 entitlements that will be replaced by access licences on commencement of this Plan</i>	Column 2 Water Source	Column 3 Access rules
		the County of Gough.
90SL038050	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River through the box culverts at Brodies Plains causeway, located between Lot 1 DP 1022611, Parish of Campbell and Lot 98 DP 753277, Parish of Elmsmore, both in the County of Gough.
90SL038878	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River at the Arrawatta Road causeway located between Lot 23 DP 5217, Parish of Champagne and Lot 2 DP 1053745, Parish of Burgundy, both in the County of Arrawatta.
90SL038954	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River at the Arrawatta Road causeway located between Lot 23 DP 5217, Parish of Champagne and Lot 2 DP 1053745, Parish of Burgundy, both in the County of Arrawatta.
90SL038995	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River through the box culverts at Brodies Plains causeway, located between Lot 1 DP 1022611, Parish of Campbell and Lot 98 DP 753277, Parish of Elmsmore, both in the County of Gough.
90SL039918	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River at "Redrock" Reserve Road crossing, located between Lot 11 DP 612316 and Lot 273 DP 753287, Parish of Inverell, both in the County of Gough.

Column 1 <i>Water Act 1912 entitlements that will be replaced by access licences on commencement of this Plan</i>	Column 2 Water Source	Column 3 Access rules
90SL040940	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River at the Graman-Ashford Road bridge.
90SL041484	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River at “Redrock” Reserve Road crossing, located between Lot 11 DP 612316 and Lot 273 DP 753287, Parish of Inverell, both in the County of Gough.
90SL041493	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River through the box culverts at Brodies Plains causeway, located between Lot 1 DP 1022611, Parish of Campbell and Lot 98 DP 753277, Parish of Elmsmore, both in the County of Gough.
90SL041538	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River at “Redrock” Reserve Road crossing, located between Lot 11 DP 612316 and Lot 273 DP 753287, Parish of Inverell, both in the County of Gough.
90SL041779	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River at “Redrock” Reserve Road crossing, located between Lot 11 DP 612316 and Lot 273 DP 753287, Parish of Inverell, both in the County of Gough.
90SL041861	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow in Swan Brook at the road bridge on the Gwydir State Highway.

Column 1 <i>Water Act 1912 entitlements that will be replaced by access licences on commencement of this Plan</i>	Column 2 Water Source	Column 3 Access rules
90SL041864	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River at "Redrock" Reserve Road crossing, located between Lot 11 DP 612316 and Lot 273 DP 753287, Parish of Inverell, both in the County of Gough.
90SL042144	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River through the box culverts at Brodies Plains causeway, located between Lot 1 DP 1022611, Parish of Campbell and Lot 98 DP 753277, Parish of Elmsmore, both in the County of Gough.
90SL042151	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River at the Arrawatta Road causeway located between Lot 23 DP 5217, Parish of Champagne and Lot 2 DP 1053745, Parish of Burgundy, both in the County of Arrawatta.
90SL042983	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River at the Graman-Ashford Road Bridge.
90SL043295	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River at the Graman-Ashford Road Bridge.
90SL043366	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River at the Arrawatta Road causeway located between Lot 23 DP 5217, Parish of Champagne and Lot 2 DP 1053745, Parish of Burgundy, both in the County of Arrawatta.

Column 1 <i>Water Act 1912</i> entitlements that will be replaced by access licences on commencement of this Plan	Column 2 Water Source	Column 3 Access rules
90SL043397	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River through the box culverts at Brodies Plains causeway, located between Lot 1 DP 1022611, Parish of Campbell and Lot 98 DP 753277, Parish of Elmsmore, both in the County of Gough.
90SL043444	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River at the Arrawatta Road causeway located between Lot 23 DP 5217, Parish of Champagne and Lot 2 DP 1053745, Parish of Burgundy, both in the County of Arrawatta.
90SL043831	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River through the box culverts at Brodies Plains causeway, located between Lot 1 DP 1022611, Parish of Campbell and Lot 98 DP 753277, Parish of Elmsmore, both in the County of Gough.
90SL043859	Inverell	The authorised work shall not be used for the purpose of irrigation unless a visible flow is maintained in Bannockburn Creek at or near the road crossing located north of Lot 266 DP 750068, Parish of Bannockburn, County of Arrawatta and at or near the road bridge on the Yetman Road.
90SL044366	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River through the box culverts at Brodies Plains causeway, located between Lot 1 DP 1022611, Parish of Campbell and Lot 98 DP 753277, Parish of Elmsmore, both in the County of Gough.

Column 1 <i>Water Act 1912</i> entitlements that will be replaced by access licences on commencement of this Plan	Column 2 Water Source	Column 3 Access rules
90SL044658	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow in Swan Brook at the Ashford-Inverell Road bridge, located just upstream of the junction of Swan Brook with the Macintyre River at the point where Swan Brook crosses the Kings Plain Road, located about 40 metres downstream of the north-western corner of Lot 183 DP 753269, Parish of Campbell, County of Gough and also at the point where Swan Brook crosses the Woodstock Road located immediately upstream of the most easterly corner of Lot 182 DP 753315, Parish of Swan Brook, said County of Gough.
90SL044820	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River at "Redrock" Reserve Road crossing, located between Lot 11 DP 612316 and Lot 273 DP 753287, Parish of Inverell, both in the County of Gough.
90SL044843	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River through the box culverts at Brodies Plains causeway, located between Lot 1 DP 1022611, Parish of Campbell and Lot 98 DP 753277, Parish of Elmsmore, both in the County of Gough.
90SL045031	Inverell	The licensed work shall not be used when the discharge of the Macintyre River at the Wallangra gauge is less than 2 megalitres per day (such discharge corresponding to a reading on the said gauge of 0.64 metres or such other reading as may be determined from time to time).
90SL045866	Inverell	The licensed work shall not be used for the purpose of

Column 1 <i>Water Act 1912 entitlements that will be replaced by access licences on commencement of this Plan</i>	Column 2 Water Source	Column 3 Access rules
		irrigation unless there is a visible flow in Rob Roy Gully between Lot 2 DP 1046661 and Lot 2 DP 711375, Parish of Byron, County of Arrawatta.
90SL046993	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River at the Graman-Ashford Road bridge.
90SL047342	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River at "Redrock" Reserve Road crossing, located between Lot 11 DP 612316 and Lot 273 DP 753287, Parish of Inverell, both in the County of Gough.
90SL047565	Inverell	The authorised work on kings creek shall not be used for the purpose of irrigation unless there is a visible flow over the concrete road causeway at the Silver Mines Road situated on Lot 2 DP 654518, Parish of Anderson, County of Gough.
90SL047565	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River through the box culverts at Brodies Plains causeway, located between Lot 1 DP 1022611, Parish of Campbell and Lot 98 DP 753277, Parish of Elmsmore, both in the County of Gough.
90SL047573	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River at "Redrock" Reserve Road crossing, located between Lot 11 DP 612316 and Lot 273 DP 753287, Parish of Inverell, both in the County of Gough.
90SL047574	Inverell	The authorised work shall not be used for the purpose of

Column 1 <i>Water Act 1912</i> entitlements that will be replaced by access licences on commencement of this Plan	Column 2 Water Source	Column 3 Access rules
		irrigation unless there is a visible flow maintained in the Macintyre River at "Redrock" Reserve Road crossing, located between Lot 11 DP 612316 and Lot 273 DP 753287, Parish of Inverell, both in the County of Gough.
90SL047599	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow in Bannockburn Creek on Lot 1 DP 731840, Lot 35 DP 750068 and Lot 4 DP 701124, Parish of Bannockburn, County of Arrawatta. These flows must be maintained during pumping.
90SL048377	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River at the Graman-Ashford Road bridge.
90SL048577	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River at the Arrawatta Road causeway located between Lot 23 DP 5217, Parish of Champagne and Lot 2 DP 1053745, Parish of Burgundy, both in the County of Arrawatta.
90SL048822	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River at "Redrock" Reserve Road crossing, located between Lot 11 DP 612316 and Lot 273 DP 753287, Parish of Inverell, both in the County of Gough.
90SL048835	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River at "Redrock" Reserve Road crossing, located between Lot 11 DP 612316 and Lot 273 DP 753287, Parish of Inverell, both in the County of Gough.

Column 1 <i>Water Act 1912 entitlements that will be replaced by access licences on commencement of this Plan</i>	Column 2 Water Source	Column 3 Access rules
90SL049150	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River through the box culverts at Brodies Plains causeway, located between Lot 1 DP 1022611, Parish of Campbell and Lot 98 DP 753277, Parish of Elmsmore, both in the County of Gough.
90SL049256	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River at the Arrawatta Road causeway located between Lot 23 DP 5217, Parish of Champagne and Lot 2 DP 1053745, Parish of Burgundy, both in the County of Arrawatta.
90SL050616	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River through the box culverts at Brodies Plains causeway, located between Lot 1 DP 1022611, Parish of Campbell and Lot 98 DP 753277, Parish of Elmsmore, both in the County of Gough.
90SL052004	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River at the Arrawatta Road causeway located between Lot 23 DP 5217, Parish of Champagne and Lot 2 DP 1053745, Parish of Burgundy, both in the County of Arrawatta.
90SL100038	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River through the box culverts at Brodies Plains causeway, located between Lot 1 DP 1022611, Parish of Campbell and Lot 98 DP 753277, Parish of Elmsmore, both in the County of Gough.

Column 1 <i>Water Act 1912 entitlements that will be replaced by access licences on commencement of this Plan</i>	Column 2 Water Source	Column 3 Access rules
90SL100043	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River at the Arrawatta Road causeway located between Lot 23 DP 5217, Parish of Champagne and Lot 2 DP 1053745, Parish of Burgundy, both in the County of Arrawatta.
90SL100106	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River at the Arrawatta Road causeway located between Lot 23 DP 5217, Parish of Champagne and Lot 2 DP 1053745, Parish of Burgundy, both in the County of Arrawatta.
90SL100124	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow in the Macintyre River downstream of the work at the road crossing between Lot 2 DP 1109732 and Lot 43 DP 753258, Parish of Anderson, County of Gough.
90SL100454	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River at the Arrawatta Road causeway located between Lot 23 DP 5217, Parish of Champagne and Lot 2 DP 1053745, Parish of Burgundy, both in the County of Arrawatta.
90SL100616	Inverell	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow maintained in the Macintyre River through the box culverts at Brodies Plains causeway, located between Lot 1 DP 1022611, Parish of Campbell and Lot 98 DP 753277, Parish of Elmsmore, both in the County of Gough.
90SL100871	Inverell	The pump shall not be used for the purpose of irrigation unless a flow is maintained in Frying Pan Creek at the Inverell/Bukkull

Column 1 <i>Water Act 1912 entitlements that will be replaced by access licences on commencement of this Plan</i>	Column 2 Water Source	Column 3 Access rules
		Road culverts (Dinton Vale) throughout pumping operations.
90SL100874	Inverell	The pump shall not be used for the purpose of irrigation unless a flow is maintained in Frying Pan Creek at the Inverell/Bukkulla Rd culverts (Dinton Vale) throughout pumping operations.
90SL012025	Glen Innes	The licensed work shall not be used for the purpose of irrigation unless there is a visible flow in Furracabad Creek at the road bridge at the eastern corner of Lot 348 DP 753282, Parish of Glen Innes, County of Gough (Glen Innes-Wellingrove Road crossing) and at or near the old concrete causeway on the Glen Innes-Emmaville Road crossing.
90SL012871	Glen Innes	The licensed work shall not be used for the purpose of irrigation unless there is a visible flow in Furracabad Creek at the road bridge at the eastern corner of Lot 348 DP 753282, Parish of Glen Innes, County of Gough (Glen Innes-Wellingrove Road crossing) and at or near the old concrete causeway on the Glen Innes-Emmaville Road crossing.
90SL025245	Glen Innes	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow in the Severn River over the rock bar located immediately upstream of NSW Office of Water's gauging station, located on Lot 26 DP 753278, Parish of Fladbury, County of Gough.
90SL028466	Glen Innes	The licensed work shall not be used for the purpose of irrigation unless there is a visible flow in Furracabad Creek at the road bridge at the eastern corner of Lot 348 DP 753282, Parish of Glen Innes, County of Gough (Glen Innes-Wellingrove Road crossing) and at or near the old concrete causeway on the Glen Innes-Emmaville Road crossing.

Column 1 <i>Water Act 1912 entitlements that will be replaced by access licences on commencement of this Plan</i>	Column 2 Water Source	Column 3 Access rules
90SL029543	Glen Innes	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow in the Severn River over the rock bar located immediately upstream of NSW Office of Water's gauging station, located on Lot 26 DP 753278, Parish of Fladbury, County of Gough.
90SL030689	Glen Innes	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow in the Severn River over the rock bar located immediately upstream of NSW Office of Water's gauging station, located on Lot 26 DP 753278, Parish of Fladbury, County of Gough.
90SL031126	Glen Innes	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow in the Severn River over the rock bar located immediately upstream of NSW Office of Water's gauging station, located on Lot 26 DP 753278, Parish of Fladbury, County of Gough.
90SL033073	Glen Innes	The authorised work shall not be used for the purpose of irrigation unless there is a flow over the Glen Innes town water supply weir which is located at the eastern boundary of Lot 47 DP 753262, Parish of Beardy Plains, County of Gough.
90SL035356	Glen Innes	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow in Furracabad Creek at the road bridge at the eastern corner of Lot 348 DP 753282, Parish of Glen Innes, County of Gough, (Glen Innes-Wellingrove Road crossing).
90SL038168	Glen Innes	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow in the Severn River over the rock bar located immediately upstream of NSW Office of Water's gauging station, located on Lot 26 DP 753278, Parish

Column 1 <i>Water Act 1912 entitlements that will be replaced by access licences on commencement of this Plan</i>	Column 2 Water Source	Column 3 Access rules
		of Fladbury, County of Gough.
90SL042607	Glen Innes	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow in the Beardy Waters at the rock bar located on the northern end of c & t s r 22238, Parish of Boyd, County of Gough adjacent to the apex park on the New England Highway.
90SL043016	Glen Innes	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow in the Severn River over the rock bar located immediately upstream of NSW Office of Water's gauging station, located on Lot 26 DP 753278, Parish of Fladbury, County of Gough.
90SL043240	Glen Innes	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow in the Severn River over the rock bar located immediately upstream of NSW Office of Water's gauging station, located on Lot 26 DP 753278, Parish of Fladbury, County of Gough.
90SL043739	Glen Innes	The authorised work shall not be used for the purpose of irrigation when there is a visible flow in Pine Creek at or near the south eastern boundary of Lot 3 DP 632253 (formerly portion 47), Parish of Waterloo, County of Gough, unless a visible flow is maintained in Pine Creek at or near the northern boundary of Lot 104 DP 753320 (formerly portion 104), Parish of Ditmar, County of Gough.
90SL044027	Glen Innes	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow in the Beardy Waters at the rock bar located on the northern end of c & t s r 22238, Parish of Boyd, County of Gough adjacent to the apex park on the New England Highway.

Column 1 <i>Water Act 1912 entitlements that will be replaced by access licences on commencement of this Plan</i>	Column 2 Water Source	Column 3 Access rules
90SL045588	Glen Innes	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow in the Beardy Waters at the rock bar located on the northern end of c & t s r 22238, Parish of Boyd, County of Gough adjacent to the apex park on the New England Highway.
90SL047076	Glen Innes	The pump shall not be used for the purpose of irrigation unless there is a visible flow in Reddestone Creek over the low level concrete causeway, immediately downstream of the Glen Innes-Emmaville Road bridge.
90SL047579	Glen Innes	The licensed work shall not be operated when the flow of the Severn River at Fladbury gauge is less than 0.25 metre (such discharge corresponding to a flow of 8.4 megalitres per day, or such other reading as may be determined by the department from time to time).
90SL048387	Glen Innes	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow in Beardy Waters at the road crossing on the boundary of Lot 135 DP 753280 and Lot 2 DP 597180, both in the Parish of Fletcher, County of Gough.
90SL048811	Glen Innes	The authorised work shall not be used for the purpose of irrigation unless there is a flow over the Glen Innes town water supply weir which is located at the eastern boundary of Lot 47 DP 753262, Parish of Beardy Plains, County of Gough.
90SL051092	Glen Innes	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow in the Beardy Waters at the rock bar located on the northern end of c & t s r 22238, Parish of Boyd, County of Gough adjacent to the apex park on the New England Highway.

Column 1 <i>Water Act 1912 entitlements that will be replaced by access licences on commencement of this Plan</i>	Column 2 Water Source	Column 3 Access rules
90SL051225	Glen Innes	The authorised work shall not be used for irrigation unless there is a visible flow in Rocky Ponds Creek downstream of the northern boundary of DP 786996.
90SL051336	Glen Innes	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow in Reddestone Creek downstream of the pump site at a road crossing situated near the northern boundary of Lot 70 DP 753325, Parish of Yarraford, County of Gough.
90SL051485	Glen Innes	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow in the Beardy Waters at the rock bar located on the northern end of c & t s r 22238, Parish of Boyd, County of Gough adjacent to the apex park on the New England Highway.
90SL100049	Glen Innes	The pump shall not be used for the purpose of irrigation unless there is a visible flow in the Severn River at the rocky outcrop between Lots 15 and 21 both in DP 753310, Parish of Severn, County of Gough.
90SL100111	Glen Innes	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow in Furracabad Creek at or near its junction with Beardy Waters.
90SL100907	Glen Innes	The approval holder must not take any water from an approved work for the purpose of irrigation, unless the water level in Severn River at the Fladbury gauge is greater than 0.27 metre.
90SL041810	Kings Plains	The authorised work shall not be used for any purpose unless there is a visible flow over the rock bar situated immediately downstream of the pump site on Lots 143 and 130 both DP 750121, Parish of Swamp Oak, County of Arrawatta.

Column 1 <i>Water Act 1912 entitlements that will be replaced by access licences on commencement of this Plan</i>	Column 2 Water Source	Column 3 Access rules
90SL047593	Kings Plains	The authorised work shall not be used for the purpose of mining unless there is a visible flow in Frasers Creek over the natural rock bar immediately downstream of the pump site, within Lot 27 DP 750112, Parish of North Nullamanna, County of Arrawatta.
90SL048390	Kings Plains	The pump shall not be operated unless there is a visible flow maintained in King's Plains Creek at the road causeway between Lot 2 DP 113862, Parish of Vivier and Lot 2 DP 1050098, Parish of Buckley, both County of Arrawatta.
90SL100486	Kings Plains	The licensed work shall not be used for the purpose of irrigation unless a visible flow is maintained during pumping operations at the gravel bars in close proximity to the Ashford-Pindari Dam Road bridge over Frasers Creek.
90SL044768	Mole River	The licensed work shall not be used for the purpose of irrigation unless there is a visible flow in Gardeners Gully at the downstream end of the culvert passing under the New England Highway.
90SL046990	Mole River	The licensed work shall not be used for irrigation unless a visible flow is maintained in gipsies creek at the Woodside Road crossing between Lots 27 and 9 DP 751542 and at the same time between Lot 7 DP 751542 and Lot 72 DP 40978, all Parish of Woodside, County of Clive.
90SL050760	Mole River	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow in the Mole River at the "6 mile" causeway, located between Lot 1 DP 1050660, Parish of Donaldson and Lot 26 DP 751515, Parish of Gibraltar, both in the County of Clive.

Column 1 <i>Water Act 1912 entitlements that will be replaced by access licences on commencement of this Plan</i>	Column 2 Water Source	Column 3 Access rules
90SL051480	Mole River	The pump shall not be used for the purpose of irrigation unless there is a visible flow in the Bluff River at double crossing, located on the Bluff River Road immediately upstream of the Mole River junction.
90SL100052	Mole River	The authorised work shall not be used for the purpose of irrigation unless a visible flow is maintained in Brassington Creek at its junction with the Bluff River.
90SL100053	Mole River	The pumps shall not be used for the purpose of irrigation or the filling of off river storages for irrigation, unless there is a visible flow in the Bluff River at the double crossing located between Lot 103 DP 751498, Parish of Bolivia and Lot 8 DP 751522, Parish of Irby, both in the County of Clive.
90SL100053	Mole River	When there is a visible flow in the Bluff River at “double crossing” the two pumps shall not be operated simultaneously.
90SL100091	Mole River	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow in the Mole River at the road bridge on the Bruxner Highway adjacent to the northeast corner of Lot 24 DP 751509, Parish of Dumaresq, County of Clive.
90SL100092	Mole River	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow in the Mole River at the road bridge on the Bruxner Highway adjacent to the northeast corner of Lot 24 DP 751509, Parish of Dumaresq, County of Clive.
90SL100855	Mole River	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow in Mole River at the Mole River Road causeway downstream from ‘Boggy Camp Flat’.

Column 1 <i>Water Act 1912 entitlements that will be replaced by access licences on commencement of this Plan</i>	Column 2 Water Source	Column 3 Access rules
90SL100856	Mole River	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow in Mole River at the Mole River Road causeway downstream from 'Boggy Camp Flat'.
90SL100858	Mole River	When a flow is entering the storage of the waterhole at the site of the authorised work, the said work shall not be used for the purpose of irrigation unless there is a visible flow at the Bondonga Ford.
90SL100859	Mole River	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow in Mole River at the Bondonga Ford.
90SL100860	Mole River	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow in Mole River at the 'Bondonga' Ford.
90SL100908	Mole River	The pump shall not be used for the purpose of irrigation unless there is a visible flow is maintained at the double crossing on the Bluff River, located between Lot 103 DP 751498, Parish of Bolivia and Lot 8 DP 751522, Parish of Irby, both County of Clive.
90SL100988	Mole River	The approval holder must not take any water from an approved work for the purpose of irrigation, unless there is a visible flow in the Mole River at the causeway across the Mole River adjacent to Lot 26 DP 751515 Parish Gilbralter, County Clive.
90SL101006	Mole River	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow in the Mole River at 'Bondonga' Ford.
90SA011593	Ottleys Creek	No water shall be diverted from Ottley's Creek by means of the authorised diversion pipes until a gauge reading of 0.20 has

Column 1 <i>Water Act 1912</i> entitlements that will be replaced by access licences on commencement of this Plan	Column 2 Water Source	Column 3 Access rules
		been reached on a gauge established on the Ottley's Creek Bridge located on the old Bruxner Highway within Lot 63 DP 755982, Parish of Boonal, County of Stapylton.
90SL049970	Ottleys Creek	No water shall be diverted from Ottley's Creek by means of the licensed work until a gauge reading of 0.20 has been reached on a gauge established on the Ottley's Creek Bridge located on the old Bruxner Highway within Lot 63 DP 755982, Parish of Boonal, County of Stapylton.
90SL049970	Ottleys Creek	The authorised work shall not be used for the purpose of diverting water unless a visible flow is maintained at the bridge over Ottley's Creek on Lot 63 DP 755982, Parish of Boonal, County of Stapylton.
90SL100177	Beardy River	The authorised work should not be used for the purpose of pumping unless there is a visible flow in the Beardy River at the bridge crossing on the Bruxner Highway, east of Lot 5 DP 632280, Parish of Bowman, County of Arrawatta.
90SL046507	Bonshaw	The authorised work shall only be operated when there is a visible flow in Little Oaky Creek between Lot 46 DP 750075 and Lot 200 DP 879480, Parish of Bowman, County of Arrawatta and at the same time a flow is maintained at the Bruxner Highway Bridge.
90SL040423	Croppa Creek and Whalan Creek	The authorised work shall not be used for the purpose of irrigation unless the flow in the Boomi river at Neeworra Bridge, situated on the Moree-Mungindi Road, exceeds 100 megalitres/day, such flow to have a corresponding reading of 0.85 metres on the gauge adjacent.
90SL044979	Croppa Creek and	The authorised work shall not be used for the purpose of

Column 1 <i>Water Act 1912 entitlements that will be replaced by access licences on commencement of this Plan</i>	Column 2 Water Source	Column 3 Access rules
	Whalan Creek	irrigation when the level of water in Whalan Creek is lower than 0.50 metres below the level of a gauge located immediately adjacent to the site of the work.
90SL048817	Croppa Creek and Whalan Creek	The licensed work shall not be operated unless the flow in the Boomi river at Neeworra Bridge, situated on the Moree-Mungindi Road, exceeds 130 megalitres/day, such flow to have a corresponding reading of 1.05 metres on the gauge adjacent
90SL048827	Croppa Creek and Whalan Creek	The work shall not be used unless the Department of Water and Energy, through its area customer services manager, state water north at Moree has first announced that flows are of sufficient magnitude to allow the holder of this entitlement to commence pump.
90SL048830	Croppa Creek and Whalan Creek	The work shall not be used unless the Department of Water and Energy, through its area customer services manager, state water north at Moree has first announced that flows are of sufficient magnitude to allow the holder of this entitlement to commence pump.
90SL050049	Croppa Creek and Whalan Creek	The authorised work shall not be used for the purpose of irrigation unless there is a visible flow in the Boomi River immediately upstream of its junction with Gil Gil Creek.
90SL050238	Croppa Creek and Whalan Creek	The licensed work shall not be used for the purpose of irrigation unless the flow in the Boomi River at Neeworra Bridge situated on the Moree-Mungindi Road, exceeds 100 megalitres/day, such flow to have a corresponding reading of 0.85 metres on the gauge adjacent or such other reading as may be determined from time to time.
90SL050617	Croppa Creek and	The licensed works shall not be used for the purpose of

Column 1 <i>Water Act 1912 entitlements that will be replaced by access licences on commencement of this Plan</i>	Column 2 Water Source	Column 3 Access rules
	Whalan Creek	irrigation unless there is a visible flow in the Boomi River, immediately upstream of its junction with Gil Gil Creek.
90SL100543	Croppa Creek and Whalan Creek	The licensed work shall not be used for the purpose of irrigation unless the flow in the Boomi River at Neeworra Bridge situated on the Moree-Mungindi Road, exceeds 100 megalitres/day, such flow to have a corresponding reading of 0.85 metres on the gauge adjacent or such other reading as may be determined from time to time.
90SL100543	Croppa Creek and Whalan Creek	The licensed works shall not be used simultaneously for the purpose of irrigation unless the flow in the Boomi River at Neeworra gauge exceeds 745 megalitres per day, which corresponds to a reading on the said gauge of 2.00 metres (or such other reading as may be determined from time to time)
90SL100673	Croppa Creek and Whalan Creek	The licensed work shall not be used for the purpose of irrigation unless the flow in the Boomi River at Neeworra Bridge situated on the Moree-Mungindi Road, exceeds 100 megalitres/day, such flow to have a corresponding reading of 0.85 metres on the gauge adjacent or such other reading as may be determined from time to time.
90SL100688	Croppa Creek and Whalan Creek	The licensed work shall not be used for the purpose of irrigation unless the flow in the Boomi River at Neeworra Bridge situated on the Moree-Mungindi Road, exceeds 100 megalitres/day, such flow to have a corresponding reading of 0.85 metres on the gauge adjacent or such other reading as may be determined from time to time.
90SL100725	Croppa Creek and Whalan Creek	The licensed works shall not be used for the purpose of irrigation unless there is a visible flow in Carwal Creek at its confluence with the Boomi River, located within Lot 24 DP

Column 1 <i>Water Act 1912</i> entitlements that will be replaced by access licences on commencement of this Plan	Column 2 Water Source	Column 3 Access rules
		750462, Parish of Galloway, County of Benarba.
90SL100754	Croppa Creek and Whalan Creek	The licensed works shall not be used for the purpose of irrigation unless there is a visible flow in the Boomi River, Presbury Road crossing located within Lot 21 DP 750462, Parish of Galloway, County of Benarba.
90SL100838	Croppa Creek and Whalan Creek	The pumps shall not be operated unless the flow in the Boomi River reaches a height of 0.98 metres at Neeworra gauge (which corresponds to a flow of 100 megalitres per day).
90SL100877	Croppa Creek and Whalan Creek	The pumps shall not be operated unless the flow in the Boomi River reaches a height of 0.98 metres at Neeworra gauge (which corresponds to a flow of 100 megalitres per day).
90SL100913	Croppa Creek and Whalan Creek	The approval holder must not take any water from an approved work for the purpose of irrigation, unless the water flow in Whalan Creek is greater than 120 megalitres/day.
90SL100930	Croppa Creek and Whalan Creek	The licenced works shall not be used for the purpose of irrigation unless there is a visible flow in Carwal Creek at its confluence with the Boomi River, located within Lot 25 DP 750462 Parish, Galloway; County Benarba.
90SL045910	Campbells Creek	The work shall not be used for the purpose of irrigation unless there is a visible flow in Campbell's Creek between Lots 25 and 14 DP 750070, Parish of Bebo, County of Arrawatta.

[53] Schedule 2 Access rules for in-river pools or off-river pools

Omit clause 1. Insert instead:

1 General

This clause applies to each access licence which replaces a *Water Act 1912* entitlement listed in

the table below.

Column 1 <u>Water Act 1912</u> entitlements that will be replaced by access licences on commencement of this Plan	Column 2 Access rules	Column 3 Water Source
<p>90SL022126</p>	<p>Water must not be taken when the water level of the pool in the Boobera Watercourse is less than 0.08 metres on a gauge established on the left bank of the watercourse on TS & CR 29416, Parish of Boobera, County of Stapleton.</p>	<p>Croppa Creek and Whalan Creek Water Source</p>
<p>90SL049222</p>	<p>Water must not be taken from an in-river pool located within Lot 2 of DP 566722 or within Lot 55 of DP 726327 when the water level of that in-river pool is more than 0.3 metres below the full capacity from 1 March to 31 August or more than 0.2 metres below the full capacity from 1 September to 28/29 February. Where a staff gauge is installed at the in-river pool, full capacity will be designated on the staff gauge.</p>	<p>Mole River Water Source</p>
<p>90SL051340</p>	<p>Water must not be taken from an in-river pool located within Lots 19 and 20 of DP 751508 or Lot 105 of DP 39479 when the water level of that in-river pool is more than 0.3 metres below the</p>	<p>Mole River Water Source</p>

	<p>full capacity from 1 March to 31 August or more than 0.2 metres below the full capacity from 1 September to 28/29 February.</p> <p>Where a staff gauge is installed at the in-river pool, full capacity will be designated on the staff gauge.</p>	
90SL051327	<p>Water must not be taken from an in-river pool located within Lot 32 of DP 751509 when the water level of that in-river pool is more than 0.3 metres below the full capacity from 1 March to 31 August or more than 0.2 metres below the full capacity from 1 September to 28/29 February.</p> <p>Where a staff gauge is installed at the in-river pool, full capacity will be designated on the staff gauge.</p>	Mole River Water Source
90SL028243	<p>Water must not be taken from an in-river pool located within Lot 1 of DP 540165 or Lot 38 of DP 751529 when the water level of that in-river pool is more than 0.3 metres below the full capacity from 1 March to 31 August or more than 0.2 metres below the full capacity from 1 September to 28/29 February.</p> <p>Where a staff gauge is installed at that in-river pool, full capacity will be designated on the staff gauge.</p>	Mole River Water Source

<p>90SL038791</p>	<p>Water must not be taken from an in-river pool located within Lot 70 of DP 705186, Lots 6,7,8,10 of DP 751508 or Lots 17 and 44 of DP 751509 when the water level of that in-river pool is more than 0.3 metres below the full capacity from 1 March to 31 August or more than 0.2 metres below the full capacity from 1 September to 28/29 February. Where a staff gauge is installed at the in-river pool, full capacity will be designated on the staff gauge.</p>	<p>Mole River Water Source</p>
<p>90SL100091</p>	<p>Water must not be taken from an in-river pool located within Lot 2 of DP 235160 when the water level of that in-river pool is more than 0.3 metres below the full capacity from 1 March to 31 August or more than 0.2 metres below the full capacity from 1 September to 28/29 February. Where a staff gauge is installed at the in-river pool, full capacity will be designated on the staff gauge.</p>	<p>Mole River Water Source</p>
<p>90SL018831</p>	<p>Water must not be taken from an in-river pool located within Lot 2 of DP 235160 when the water level of that in-river pool is more than 0.3 metres below the full capacity from 1 March to 31 August or more than 0.2 metres</p>	<p>Mole River Water Source</p>

	<p>below the full capacity from 1 September to 28/29 February. Where a staff gauge is installed at the in-river pool, full capacity will be designated on the staff gauge.</p>	
90SL027176	<p>Water must not be taken from an in-river pool located within Lots 7 and 15 of DP 751529 when the water level of that in-river pool is more than 0.3 metres below the full capacity from 1 March to 31 August or more than 0.2 metres below the full capacity from 1 September to 28/29 February. Where a staff gauge is installed at the in-river pool, full capacity will be designated on the staff gauge.</p>	Mole River Water Source
90SL014174	<p>Water must not be taken from an in-river pool located within Lots 8 and 9 of DP 753275 when the water level of that in-river pool is more than 0.5 metres below the full capacity from 1 March to 31 August or more than 0.35 metres below the full capacity volume from 1 September to 28/29 February. Where a staff gauge is installed at the in-river pool, full capacity will be designated on the staff gauge.</p>	Beardy River Water Source
90SL100943	<p>Water must not be taken from an in-river pool located within</p>	Beardy River Water Source

	<p>Lots 8, 9 and 10 of DP 753275 when the water level of that in-river pool is more than 0.5 metres below the full capacity from 1 March to 31 August or more than 0.35 metres below the full capacity volume from 1 September to 28/29 February. Where a staff gauge is installed at the in-river pool, full capacity will be designated on the staff gauge.</p>	
90SL101038	<p>Water must not be taken from an in-river pool located within Lots 8, 9 and 10 of DP 753275 when the water level of that in-river pool is more than 0.5 metres below the full capacity from 1 March to 31 August or more than 0.35 metres below the full capacity volume from 1 September to 28/29 February. Where a staff gauge is installed at the in-river pool, full capacity will be designated on the staff gauge.</p>	Beardy River Water Source
90AL802855	<p>Water must not be taken from an in-river pool when the water level of that in-river pool is more than 0.12 metres below the full capacity.</p>	Tenterfield Creek Water Source
90AL802917	<p>Water must not be taken from an in-river pool when the water level of that in-river pool is more than 0.12 metres below the full</p>	Tenterfield Creek Water Source

	capacity.	
90AL802835	Water must not be taken from an in-river pool when the water level of that in-river pool is more than 0.12 metres below the full capacity.	Tenterfield Creek Water Source
90AL802921	Water must not be taken from an in-river pool when the water level of that in-river pool is more than 0.12 metres below the full capacity.	Tenterfield Creek Water Source

Note. The area listed in Column 2 to which the access rule applies may be larger than the area identified in the water supply work approval for that water supply work. If this is the case, the construction of a new water supply work within the area listed in Column 2 will require a new or amended water supply work approval if it is outside the area identified in the water supply work approval.

[54] Schedule 4 Access licences used to take surface water exempt from cease to pump rules

Omit clause 1. Insert instead:

1 General

This clause applies to each access licence which replaces a *Water Act 1912* entitlement listed in the table below.

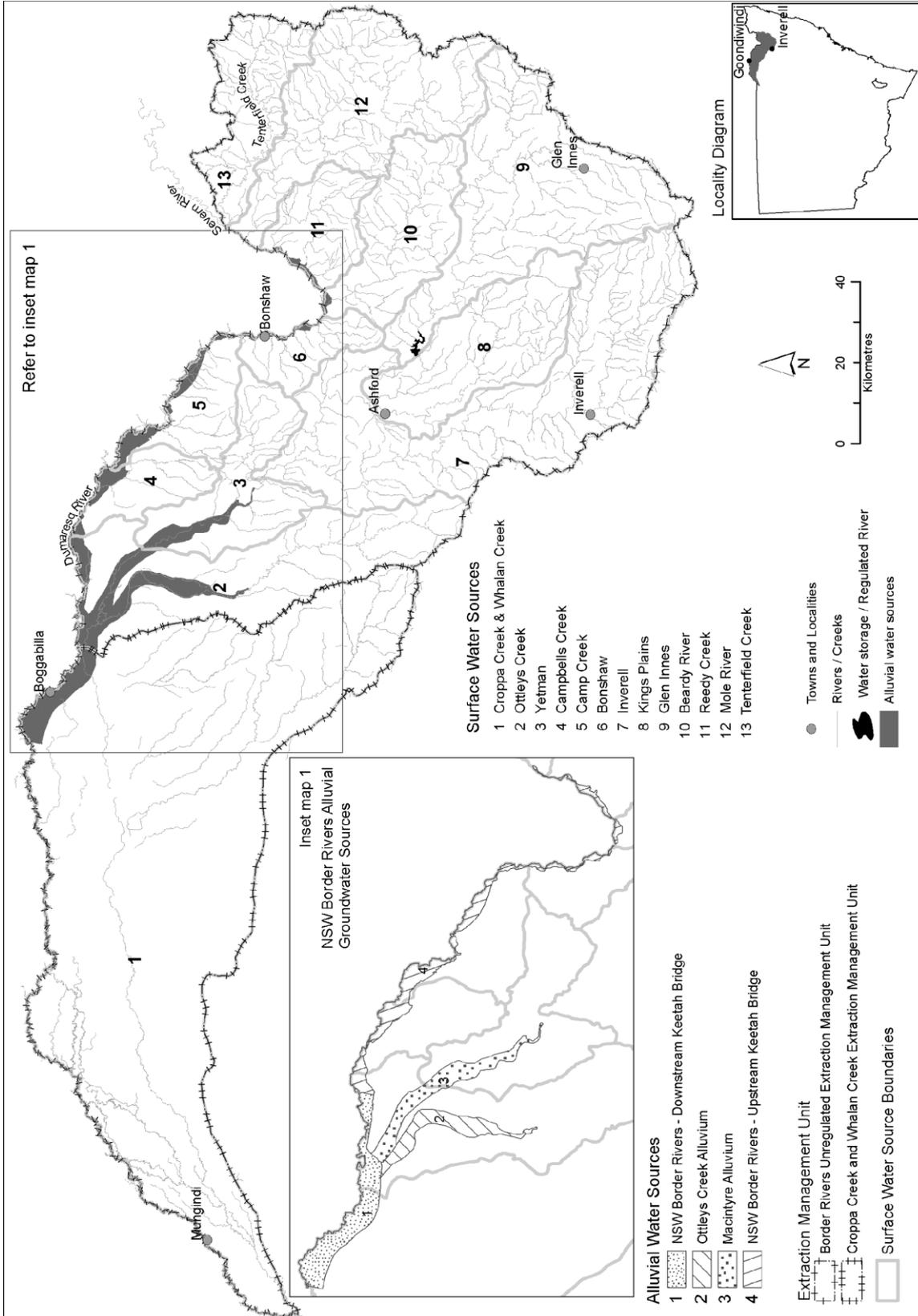
<i>Water Act 1912</i> entitlements that will be replaced by access licences on commencement of this Plan
90SL033073
90SL100616
90SL100577
90SL100599
90SL100683

[55] Appendix 1

Omit Appendix 1. Insert instead:

Appendix 1 Overview of the Plan Map

Overview of the Plan Map (WSP020_Version 1) Water Sharing Plan for the NSW Border Rivers Unregulated and Alluvial Water Sources 2012



Omit Appendix 2. Insert instead:

Appendix 2 Inspection of the Plan Map

Copies of the Plan Map may be inspected at the following offices:

DPI Water
10 Valentine Ave
PARRAMATTA NSW 2150

DPI Water
66–68 Frome St
MOREE NSW 2400

[57] Appendix 3

Omit Appendix 3.

[58] Appendix 4

Omit Appendix 4. Insert instead:

Appendix 4 Office

Any notifications that may be required to be made to the Minister, as specified in this Plan can be made to the following office:

DPI Water
PO Box 486
MOREE NSW 2400