

Buckrabendinni Creek Water Source - Rules summary sheet 1 of 9

# **Rules Summary Sheet**

## **Buckrabendinni Creek Water Source**

Water sharing plan	Nambucca River Unregulated and Alluvial Water Sources
Plan commencement	30 September 2016
Term of the plan	10 years

**Rules summary** 

The following rules are a guide only. For more information please contact WaterNSW on 1300 662 077.

Boundary definition

Includes all surface water and alluvial groundwater in the hydrologic catchment of Buckrabendinni Creek.

Access rules			
Ac	cess rules for rivers, creeks and natural in-stream pools		
Cease to pump	Licence holders are not permitted to take water when there is no visible flow at the pump site, or where water is being taken from a pool, when there is no outflow from the pool.		
Daily pumping restrictions	Licence holders are not permitted to take water for more than <b>8 hours per day</b> when flows are less than or equal to <b>3 ML/day</b> at the flow reference point.		
Reference point	South Creek at Bowraville (GS205018).		
	Access rules for natural off-river pools		
Cease to pump	Licence holders are not permitted to take water from an off-river pool when there is no outflow from the pool.		
	<b>Note:</b> Natural off-river pools include those pools located on flood runners, floodplains and effluent streams e.g. lakes, lagoons and billabongs.		
Reference point	Individual natural off-river pool.		
	Access rules for alluvial aquifers		
Cease to pump	Nil.		
Daily pumping restrictions	From Year 6 of the plan, licence holders within 40m of a stream are not permitted to take water for more than <b>8 hours per day</b> when flows are less than or equal to <b>3 ML/day</b> at the flow reference point.		
Reference point	South Creek at Bowraville (GS205018).		

Buckrabendinni Creek Water Source - Rules summary sheet 1 of 9

### **Access rules**

#### General notes in relation to access rules:

**Note:** The stream gauge for this water source (GS205018) was commissioned in July 2011. Flow data over several more years is required to establish accurate percentile flow figures. In Year 6 of the plan, the access rules for this water source will be reviewed, and may be amended based on updated stream flow data to set the cease-to-pump level at the 95th percentile and pumping restrictions at the 90th percentile. Any such change to the access rule will apply to both surface water and aquifer access licences.

**Note:** Aquifer access licences arising from conversion of unregulated river access licences, and access licences other than aquifer access licences are subject to access rules from plan commencement. (See exemptions below.)

**Note:** In most cases, groundwater extractions for domestic & stock purposes can be taken under Basic Landholder Rights and will not require an access licence.

**Note:** Access rules only apply to groundwater works within 40 metres of a stream. At a later date, works further than 40 metres from any stream may be subject to these access rules with a lag time.

**Note:** Water Act 1912 licence conditions that are more stringent than the plan rules are carried across to *Water Management Act 2000* licences.

Note: All access rules described above do not apply:

- 1. to water taken for "health and hygiene purposes" as listed in the plan (up to 20 kL/day), using works nominated by licences listed in clause 1 of Schedule 2 or clause 1 of Schedule 3 in the plan
- to water taken for domestic consumption (up to 1 kL/house/day) using works nominated by stock and domestic access licences
- 3. for the first 3 years of the plan, to <u>surface</u> water taken for stock (up to 14 L/ha of grazeable area/day) using works nominated by stock and domestic access licences
- 4. for the first 5 years of the plan, to groundwater taken for stock using works nominated by stock and domestic access licences
- 5. to water taken from existing dams. Conditions on *Water Act 1912* licences which nominate in-river dams are carried across to *Water Management Act 2000* licences.

Trading rules	
INTO water source	Permitted from Missabotti Creek, North Arm and South Creek Water Sources, subject to assessment.
WITHIN water source	Permitted, subject to assessment.

**More information** about the planning process for the Nambucca River Unregulated and Alluvial Water Sources is available at the DPI Water website: www.industry.nsw.gov.au/water



### Rules Summary Sheet Coastal Nambucca Floodplain Alluvial Groundwater Source

Water sharing plan	Nambucca River Unregulated and Alluvial Water Sources
Plan commencement	30 September 2016
Term of the plan	10 years

### **Rules summary**

The following rules are a guide only. For more information please contact WaterNSW on 1300 662 077.

### Groundwater Source description

The Coastal Nambucca floodplain alluvial deposits generally consist of fine grained sand, silts and clays. Bore yields are generally low to moderate and are typically only suitable for stock purposes, or small scale irrigation. The water quality of these areas can be variable with some areas being fresh and others being impacted by estuarine environments resulting in higher salinity.

Coastal floodplain alluvial deposits are underlain by potential acid sulphate soils. Dewatering of potential acid sulphate soils, by for example groundwater extraction, can result in the acidification of groundwater and other adverse water quality impacts.

Groundwater levels within the coastal floodplain alluvial deposits are typically close to the surface resulting in a higher level of dependence from groundwater dependent ecosystems.

Limits to the availability of water	
Available water determinations	Available water determinations (AWDs) will be made at commencement of each water year for:
	<ul> <li>Specific purpose access licences – 100% of share component.</li> </ul>
	<ul> <li>Aquifer access licences – 1ML/unit of share component or lower amount as a result of a growth in use response.</li> </ul>
	<b>Note:</b> In critical water shortages, AWDs for specific purpose access licences for stock and domestic (subcategory domestic) may be reduced below 100%.
Assessment of extraction against the long-term average annual extraction limit	Growth in extractions will be assessed against the long-term average annual extraction limit (LTAAEL) over a 3 year period with a 5% tolerance.
	Extractions are assessed on an annual basis against the LTAAEL. This assessment must account for the seasonal variability in usage from year to year, enabling past annual variations in usage to be repeated. The 3 year time over which the growth in extractions assessment is made will accommodate seasonal variations in usage.

Rules for granting access licences		
Granting of access licences	Granting of access licences may be considered for the following categories:	
	• Specific purpose access licences under the <i>Water Management (General)</i> <i>Regulation 2004</i> including local water utility, major water utility, domestic and stock and town water supply	
	Aquifer (Aboriginal cultural) access licences, up to 10 ML/year	
	Aquifer (Aboriginal community development)	
	Aquifer access licences under a controlled allocation order made in relation to     any unassigned water in this water source	
Rules for managing access licences		
Carryover	No carryover of account water from one water year to the next is permitted.	
	The maximum amount of water permitted to be taken in any one water year is the water allocation accrued in the water access licence account for that water year, adjusted for allocation assignments (trades) into or out of individual accounts.	
	Trading rules	
INTO groundwater source	Not permitted	
WITHIN groundwater source	Trades are permitted within the groundwater source, subject to assessment of potential impacts on other users and the environment.	
Conversion to another category of access licence	Not permitted.	

Rules for water supply works approvals	
Rules to minimise interference between bores	Water supply works (bores) are not to be granted or amended within the following distances of existing bores:
	• 200m from a bore that is nominated on an aquifer access licence on another landholding.
	• 200m from a bore that is used to extract basic landholder rights on another landholding.
	• 500m from a bore nominating a local or major water utility access licence.
	<ul> <li>100m from a bore that is used by DPI Water for monitoring purposes (unless agreed to in writing by DPI Water).</li> </ul>
	• 100m from a property boundary (unless negotiated in writing with neighbour).
	These specified distances may be varied by the Minister after year five of the plan.
	These distances restrictions do not apply if:
	<ul> <li>the bore is used solely for basic landholder rights,</li> </ul>
	<ul> <li>the bore is a replacement bore,</li> </ul>
	<ul> <li>the bore is used for monitoring, environmental management or remedial works, or</li> </ul>
	<ul> <li>a hydrogeological study submitted by the applicant, and assessed as adequate by the Minister shows that the location of the bore at a lesser distance will have no more than minimal impact on existing extraction from the water source.</li> </ul>
Rules for bores	Water supply works (bores) are not to be granted or amended within:
located near contamination sources	• 250 m of the plume associated with a contamination source identified within the plan, or
Sources	<ul> <li>between 250 m and 500 m of the plume associated with a contamination source identified within the plan unless no drawdown of water will occur within 250 m of the contamination, or</li> </ul>
	• a distance greater than 500 m from the plume associated with a contamination source within the plan if necessary to protect the water source, the environment or public health or safety.
	These distances restrictions do not apply if:
	<ul> <li>the Minister is satisfied that the bore is used for monitoring, environmental management or remedial works,</li> </ul>
	• a hydrogeological study assessed as adequate by the Minister shows that the distance is adequate to protect the water source, the environment and public health and safety.
	Contaminated sources may be added to or removed from the plan by the Minister based on results of a site inspection or other relevant information provided to the Minister on a contamination source.
	<b>Note:</b> Due to the nature of managing contaminated sites, bores may be subject to restrictions as a result of local impact management.

Rules for water supply works approvals	
Rules for bores located near	Water supply works (bores) used solely for extracting basic landholder rights are not to be granted or amended within:
sensitive environmental areas	<ul> <li>100 m of a high priority groundwater dependent ecosystem (GDE) listed in the plan,</li> </ul>
	<ul> <li>500 m of a high priority karst system,</li> </ul>
	<ul> <li>100 m from the top of an escarpment, and</li> </ul>
	<ul> <li>40 m from the top of the high bank of a river.</li> </ul>
	Bores not used solely for extracting basic landholder rights are not to be granted or amended within:
	<ul> <li>100 m of a high priority GDE listed in the plan for all bores associated with a WAL (Water Access Licence) at or less than 20 ML/year,</li> </ul>
	<ul> <li>400m of a high priority GDE listed in the plan for all bores associated with a WAL for more than 20 ML/year but at or less than 100 ML/year,</li> </ul>
	<ul> <li>800m of a high priority GDE listed in the plan for all bores associated with a WAL for more than 100 ML/year.</li> </ul>
	<ul> <li>500 m of a high priority karst system,</li> </ul>
	<ul> <li>a distance greater than 500 m of a high priority karst system if the bore is likely to cause drawdown at the perimeter of any karst system,</li> </ul>
	<ul> <li>100 m from the top of an escarpment,</li> </ul>
	• 40 m from the top of the high bank of any third order stream or greater.
	These distances restrictions do not apply if the Minister is satisfied that:
	<ul> <li>no drawdown of water will occur at the perimeter of any GDE listed in the plan (excluding the 40 m from the high bank of a river and 100 m from an escarpment rules, which still apply),</li> </ul>
	the bore is a replacement bore,
	<ul> <li>the bore is used for monitoring, environmental management or remedial works,</li> </ul>
	<ul> <li>the bore replaces an existing bore that is part of a network for a major or local water utility used for the purpose of town water supply, or</li> </ul>
	<ul> <li>a hydrogeological study assessed as adequate by the Minister shows that the distance is adequate to protect the water source and its dependent ecosystem, and no more than minimal draw down would occur.</li> </ul>
	High priority GDEs may be added to or removed from the plan following further studies of groundwater ecosystem dependency undertaken by the Minister.

Rules for water supply works approvals	
Rules for bores located near groundwater dependent culturally	<ul> <li>Water supply works (bores) are not to be granted or amended within the following distances of groundwater dependent cultural significant sites:</li> <li>100 m for bores used solely for taking water pursuant to a basic landholder</li> </ul>
significant sites	<ul> <li>right</li> <li>200 m for bores not used solely for extracting basic landholder rights</li> <li>These distances restrictions do not apply if: <ul> <li>the bore is a replacement bore,</li> </ul> </li> <li>the bore is used for monitoring, environmental management or remedial works,</li> <li>the bore replaces an existing bore that is part of a network for a major or local water utility used for the purpose of town water supply.</li> <li>a hydrogeological study submitted by the applicant and assessed as adequate by the Minister shows that the location of the bore at a lesser distance will have no more than minimal impact on these water source and their groundwater dependent culturally significant sites.</li> </ul>
	<b>Note:</b> Culturally significant sites will not be specifically identified in the plan. However, a provision requiring a procedure whereby DPI Water undertakes to identify these during the process of assessing and granting works approvals will be included in the plan.
Rules for existing bores located within restricted distances	<ul> <li>An existing water supply work (bore) may continue to take groundwater, with the maximum annual amount extracted equal to the unit share of the access licence that nominates the bore at the commencement of the plan, within</li> <li>500 m of the plume associated with a contamination source listed in the plan, or</li> </ul>
	<ul> <li>any of the distance restrictions listed above.</li> <li>Note: The water quality from any bore can be affected by land use activities and inherent water quality in the aquifer. Water quality cannot be guaranteed and may be unsuitable for human consumption and other uses. The quality of water taken should be tested before use and treated appropriately. Such testing and treatment is the responsibility of the licence holder.</li> </ul>
	<b>Note:</b> If the distance criteria in the plan are amended, the maximum amount of water that may be taken by a bore within the new criteria in one water year is equal to the sum of shares of access licences nominating that bore at the time of amendment.
Rules to mitigate impacts of disturbing potential acid sulphate soils	Water supply works may only be granted in acid sulphate prone soils in accordance with the relevant state (e.g. the <i>Environmental Planning and</i> <i>Assessment Act 1979</i> ) and local government environmental planning and assessment instruments. Water supply works that are granted in accordance with the relevant statutes must be constructed and operated in accordance with best practice industry standards to minimise any adverse impacts.

Rules for water supply works approvals	
Rules to manage local impacts	<ul> <li>Section 324 of the <i>Water Management Act 2000</i> provides for the management of local impacts in groundwater sources. The Minister may prohibit or restrict the taking of water from a water source for a specified period to:</li> <li>maintain or protect water levels in an aquifer, or</li> <li>maintain, protect or improve the quality of water in an aquifer, or</li> <li>prevent land subsidence or compaction in an aquifer, or</li> <li>to protect groundwater-dependent ecosystems, or</li> <li>maintain pressure, or to ensure pressure recovery, in an aquifer.</li> </ul>

**More information** about the planning process for the Nambucca River Unregulated and Alluvial Water Sources is available at the DPI Water website: www.industry.nsw.gov.au/water



Coastal Nambucca River Water Source - Rules summary sheet 2 of 9

# **Rules Summary Sheet**

## **Coastal Nambucca River Water Source**

Water sharing plan	Nambucca River Unregulated and Alluvial Water Sources
Plan commencement	30 September 2016
Term of the plan	10 years

### **Rules summary**

The following rules are a guide only. For more information please contact WaterNSW on 1300 662 077.

**Boundary definition** 

Includes all surface water in the hydrologic catchment of the Nambucca River downstream of the tidal limit (i.e. downstream of Bowraville, Utungan and Butchers Creek), and all alluvial groundwater upstream of tidal limits in tributaries of the Nambucca.

Access rules		
Ac	cess rules for rivers, creeks and natural in-stream pools	
Cease to pump	Licence holders are not permitted to take water when there is no visible flow at the pump site, or where water is being taken from a pool, when there is no outflow from the pool.	
Reference point	Pump site or the outflow of the pool from which water is taken.	
Access rules for natural off-river pools		
Cease to pump	Licence holders are not permitted to take water from an off-river pool when there is no outflow from the pool. <b>Note:</b> Natural off-river pools include those pools located on flood runners, floodplains and effluent streams e.g. lakes, lagoons and billabongs.	
Reference point	Individual natural off-river pool.	
Access rules for alluvial aquifers		
Cease to pump	Nil.	

#### General notes in relation to access rules:

**Note:** Water Act 1912 licence conditions that are more stringent than the plan rules are carried across to Water Management Act 2000 licences.

Note: All access rules described above do not apply:

- 1. to water taken for "health and hygiene purposes" as listed in the plan (up to 20 kL/day), using works nominated by licences listed in clause 1 of Schedule 2 or clause 1 of Schedule 3 in the plan
- 2. to water taken for domestic consumption (up to 1 kL/house/day) using works nominated by stock and domestic access licences
- 3. for the first 3 years of the plan, to surface water taken for stock (up to 14 L/ha of grazeable area/day) using works nominated by stock and domestic access licences
- 4. to water taken from existing dams. Conditions on *Water Act 1912* licences which nominate in-river dams are carried across to *Water Management Act 2000* licences.



Coastal Nambucca River Water Source - Rules summary sheet 2 of 9

Trading rules	
INTO water source	Permitted, subject to assessment.
WITHIN water source	Permitted, subject to assessment.

**More information** about the planning process for the Nambucca River Unregulated and Alluvial Water Sources is available at the DPI Water website: www.industry.nsw.gov.au/water



Deep Creek and Oyster Creek Water Source - Rules summary sheet 3 of 9

# **Rules Summary Sheet**

## **Deep Creek and Oyster Creek Water Source**

Water sharing plan	Nambucca River Unregulated and Alluvial Water Sources
Plan commencement	30 September 2016
Term of the plan	10 years

### **Rules summary**

The following rules are a guide only. For more information please call DPI Water on 1800 353 104.

Boundary definition

Includes all surface water and alluvial groundwater in the hydrologic catchments of Deep Creek and Oyster Creek.

Access rules			
Acc	Access rules for rivers, creeks and natural in-stream pools		
Cease to pump	Licence holders are not permitted to take water when there is no visible flow at the pump site, or where water is being taken from a pool, when there is no outflow from the pool.		
Reference point	Pump site or the outflow of the pool from which water is taken.		
	Access rules for natural off-river pools		
Cease to pump	Licence holders are not permitted to take water from an off-river pool when there is no outflow from the pool. <b>Note:</b> Natural off-river pools include those pools located on flood runners, floodplains and effluent streams e.g. lakes, lagoons and billabongs.		
Reference point	Individual natural off-river pool.		
Access rules for alluvial aquifers			
Cease to pump	Nil.		
Reference point	N/A		

Deep Creek and Oyster Creek Water Source - Rules summary sheet 3 of 9

### Access rules

#### General notes in relation to access rules:

**Note:** In most cases, groundwater extractions for domestic and stock purposes can be taken under Basic Landholder Rights and will not require an access licence.

**Note:** *Water Act 1912* licence conditions that are more stringent than the plan rules are carried across to Water Management Act 2000 licences.

Note: All access rules described above do not apply:

- 1. to water taken for "health and hygiene purposes" as listed in the plan (up to 20 kL/day), using works nominated by licences listed in clause 1 of Schedule 2 or clause 1 of Schedule 3 in the plan
- 2. to water taken for domestic consumption (up to 1 kL/house/day) using works nominated by stock and domestic access licences
- 3. for the first 3 years of the plan, to <u>surface</u> water taken for stock (up to 14 L/ha of grazeable area/day) using works nominated by stock and domestic access licences
- 4. for the first 5 years of the plan, to <u>groundwater</u> taken for stock using works nominated by stock and domestic access licences
- 5. to water taken from existing dams. Conditions on *Water Act 1912* licences which nominate in-river dams are carried across to *Water Management Act 2000* licences.

Trading rules	
INTO water source	Not permitted.
WITHIN water source	Permitted, subject to assessment.

**More information** about the planning process for the Nambucca River Unregulated and Alluvial Water Sources is available at the DPI Water website: www.industry.nsw.gov.au/water



Missabotti Creek Water Source - Rules summary sheet 4 of 9

# **Rules Summary Sheet**

## Missabotti Creek Water Source

Water sharing plan	Nambucca River Unregulated and Alluvial Water Sources
Plan commencement	30 September 2016
Term of the plan	10 years

### **Rules summary**

The following rules are a guide only. For more information please contact WaterNSW on 1300 662 077.

### **Boundary definition**

Includes all surface water and alluvial groundwater in the hydrologic catchment of Missabotti Creek.

	Access rules		
Acce	ess rules for rivers, creeks and natural in-stream pools		
Cease to pump	Licence holders are not permitted to take water when flows are equal to or less than <b>5 ML/day</b> at the flow reference point.		
Commence to pump	Licence holders are not permitted to take water for a period of 24 hours after flows at the reference point first exceed <b>5 ML/day</b> following any period of 48 hours or more during which flows were less than or equal to <b>5 ML/day</b> .		
Daily pumping restrictions	Licence holders are not permitted to take water for more than <b>8 hours per day</b> when flows are less than or equal to <b>10 ML/day</b> at the flow reference point.		
Reference point	Nambucca River – North Arm upstream of Bowraville (GS 205015).		
	Access rules for natural off-river pools		
Cease to pump	Licence holders are not permitted to take water from an off-river pool when there is no outflow from the pool. <b>Note:</b> Natural off-river pools include those pools located on flood runners, floodplains and effluent streams e.g. lakes, lagoons and billabongs.		
Reference point	Individual natural off-river pool.		
	Access rules for alluvial aquifers		
Cease to pump	From Year 6 of the plan, licence holders within 40m of a stream are not permitted to take water when flows are equal to or less than <b>5 ML/day</b> at the flow reference point.		
Daily pumping restrictions	From Year 6 of the plan, licence holders within 40m of a stream are not permitted to take water for more than <b>8 hours per day</b> when flows are less than or equal to <b>10 ML/day</b> at the flow reference point.		
Reference point	Nambucca River – North Arm upstream of Bowraville (GS 205015).		

Missaboti Creek Water Source - Rules summary sheet 4 of 9

### **Access rules**

#### General notes in relation to access rules:

**Note:** The stream flow levels for cease-to-pump (5 ML/day) and water sharing (10 ML/day) are based on estimates of the 91st and 95<sup>th</sup> percentiles flows at GS205015. Data have only been collected from this site since June 2006. Upon remake of the Nambucca Water Sharing Plan (2026), these levels will be revised, and may be amended based on updated stream flow data.

**Note:** Aquifer access licences arising from conversion of unregulated river access licences are subject to access rules from plan commencement. (See exemptions below.)

**Note:** In most cases, groundwater extractions for domestic and stock purposes can be taken under Basic Landholder Rights and will not require an access licence.

**Note:** Access rules only apply to groundwater works within 40 metres of a stream. At a later date, works further than 40 metres from any stream may be subject to these access rules with a lag time.

**Note:** Water Act 1912 licence conditions that are more stringent than the plan rules are carried across to Water Management Act 2000 licences.

**Note:** All access rules described above do not apply:

- 1. to water taken for "health and hygiene purposes" as listed in the plan (up to 20 kL/day), using works nominated by licences listed in clause 1 of Schedule 2 or clause 1 of Schedule 3 in the plan
- to water taken for domestic consumption (up to 1 kL/house/day) using works nominated by stock and domestic access licences
- 3. for the first 3 years of the plan, to <u>surface</u> water taken for stock (up to 14 L/ha of grazeable area/day) using works nominated by stock and domestic access licences
- 4. for the first 5 years of the plan, to <u>groundwater</u> taken for stock using works nominated by stock and domestic access licences
- 5. to water taken from existing dams. Conditions on *Water Act 1912* licences which nominate in-river dams are carried across to *Water Management Act 2000* licences.

Trading rules	
INTO water source	Permitted from North Arm, South Creek or Buckrabendinni Creek water sources, subject to assessment.
WITHIN water source	Permitted, subject to assessment.

**More information** about the planning process for the Nambucca River Unregulated and Alluvial Water Sources is available at the DPI Water website: www.industry.nsw.gov.au/water



North Arm - Nambucca River Water Source - Rules summary sheet 5 of 9

# **Rules Summary Sheet**

## North Arm – Nambucca River Water Source

Water sharing plan	Nambucca River Unregulated and Alluvial Water Sources
Plan commencement	30 September 2016
Term of the plan	10 years

### **Rules summary**

The following rules are a guide only. For more information please contact WaterNSW on 1300 662 077.

**Boundary definition** 

Includes all surface water and alluvial groundwater in the hydrologic catchment of the Nambucca River upstream of the Bowraville weir.

Access rules	
Acce	ess rules for rivers, creeks and natural in-stream pools
Cease to pump	Licence holders are not permitted to take water when flows are equal to or less than <b>5 ML/day</b> at the flow reference point.
Commence to pump	Licence holders are not permitted to take water for a period of 24 hours after flows at the reference point first exceed <b>5 ML/day</b> following any period of 48 hours or more during which flows were less than or equal to <b>5 ML/day</b> .
Daily pumping restrictions	Licence holders are not permitted to take water for more than <b>8 hours per day</b> when flows are less than or equal to <b>10 ML/day</b> at the flow reference point.
Reference point	Nambucca River – North Arm upstream of Bowraville (GS 205015).
	Access rules for natural off-river pools
Cease to pump	Licence holders are not permitted to take water from an off-river pool when there is no outflow from the pool. <b>Note:</b> Natural off-river pools include those pools located on flood runners, floodplains and effluent streams e.g. lakes, lagoons and billabongs.
Reference point	Individual natural off-river pool.
	Access rules for alluvial aquifers
Cease to pump	From Year 6 of the plan, licence holders within 40m of a stream are not permitted to take water when flows are equal to or less than <b>5 ML/day</b> at the flow reference point.
Daily pumping restrictions	From Year 6 of the plan, licence holders within 40m of a stream are not permitted to take water for more than <b>8 hours per day</b> when flows are less than or equal to <b>10 ML/day</b> at the flow reference point.
Reference point	Nambucca River – North Arm upstream of Bowraville (GS 205015).

North Arm - Nambucca River Water Source - Rules summary sheet 5 of 9

### Access rules

#### General notes in relation to access rules:

**Note:** The stream flow levels for cease-to-pump (5 ML/day) and water sharing (10 ML/day) are based on estimates of the 91st and 95<sup>th</sup> percentiles flows at GS205015. Data have only been collected from this site since June 2006. Upon remake of the Nambucca Water Sharing Plan (2026), these levels will be revised, and may be amended based on updated stream flow data.

**Note:** Aquifer access licences arising from conversion of unregulated river access licences are subject to access rules from plan commencement. (See exemptions below.)

**Note:** In most cases, groundwater extractions for domestic and stock purposes can be taken under Basic Landholder Rights and will not require an access licence.

**Note:** Access rules only apply to groundwater works within 40 metres of a stream. At a later date, works further than 40 metres from any stream may be subject to these access rules with a lag time.

**Note:** Water Act 1912 licence conditions that are more stringent than the plan rules are carried across to Water Management Act 2000 licences.

Note: All access rules described above do not apply:

- 1. to water taken for "health and hygiene purposes" as listed in the plan (up to 20 kL/day), using works nominated by licences listed in clause 1 of Schedule 2 or clause 1 of Schedule 3 in the plan
- 2. to water taken for domestic consumption (up to 1 kL/house/day) using works nominated by stock and domestic access licences
- 3. for the first 3 years of the plan, to <u>surface</u> water taken for stock (up to 14 L/ha of grazeable area/day) using works nominated by stock and domestic access licences
- 4. for the first 5 years of the plan, to groundwater taken for stock using works nominated by stock and domestic access licences
- 5. to water taken from existing dams. Conditions on *Water Act 1912* licences which nominate in-river dams are carried across to *Water Management Act 2000* licences.

Trading rules	
INTO water source	Not permitted.
WITHIN water source	Permitted, subject to assessment.

**More information** about the planning process for the Nambucca River Unregulated and Alluvial Water Sources is available at the DPI Water website: www.industry.nsw.gov.au/water



South Creek Water Source - Rules summary sheet 6 of 9

# **Rules Summary Sheet**

### South Creek Water Source

Water sharing plan	Nambucca River Unregulated and Alluvial Water Sources
Plan commencement	30 September 2016
Term of the plan	10 years

### **Rules summary**

The following rules are a guide only. For more information please contact WaterNSW on 1300 662 077.

### Boundary definition

Includes all surface water and alluvial groundwater in the hydrologic catchment of South Creek.

Access rules		
Ace	Access rules for rivers, creeks and natural in-stream pools	
Cease to pump	Licence holders are not permitted to take water when there is no visible flow at the pump site, or where water is being taken from a pool, when there is no outflow from the pool.	
Daily pumping restrictions	Licence holders are not permitted to take water for more than <b>8 hours per day</b> when flows are less than or equal to <b>3 ML/day</b> at the flow reference point.	
Reference point	South Creek at Bowraville (GS205018).	
	Access rules for natural off-river pools	
Cease to pump	Licence holders are not permitted to take water from an off-river pool when there is no outflow from the pool. <b>Note:</b> Natural off-river pools include those pools located on flood runners, floodplains and effluent streams e.g. lakes, lagoons and billabongs.	
Reference point	Individual natural off-river pool.	
	Access rules for alluvial aquifers	
Cease to pump	Nil.	
Daily pumping restrictions	From Year 6 of the plan, licence holders within 40m of a stream are not permitted to take water for more than <b>8 hours per day</b> when flows are less than or equal to <b>3 ML/day</b> at the flow reference point.	
Reference point	South Creek at Bowraville (GS205018).	

South Creek Water Source - Rules summary sheet 6 of 9

#### Access rules

#### General notes in relation to access rules:

**Note:** The stream gauge for this water source (GS205018) was commissioned in July 2011. Flow data over several more years is required to establish accurate percentile flow figures. In Year 6 of the plan, the access rules for this water source will be reviewed, and may be amended based on updated stream flow data to set the cease-to-pump level at the 95th percentile and pumping restrictions at the 90th percentile. Any such change to the access rule will apply to both surface water and aquifer access licences.

**Note:** Aquifer access licences arising from conversion of unregulated river access licences, and access licences other than aquifer access licences are subject to access rules from plan commencement. (See exemptions below.)

**Note:** In most cases, groundwater extractions for domestic and stock purposes can be taken under Basic Landholder Rights and will not require an access licence.

**Note:** Access rules only apply to groundwater works within 40 metres of a stream. At a later date, works further than 40 metres from any stream may be subject to these access rules with a lag time.

**Note:** Water Act 1912 licence conditions that are more stringent than the plan rules are carried across to Water Management Act 2000 licences.

Note: All access rules described above do not apply:

- 1. to water taken for "health and hygiene purposes" as listed in the plan (up to 20 kL/day), using works nominated by licences listed in clause 1 of Schedule 2 or clause 1 of Schedule 3 in the plan
- to water taken for domestic consumption (up to 1 kL/house/day) using works nominated by stock and domestic access licences
- 3. for the first 3 years of the plan, to <u>surface</u> water taken for stock (up to 14 L/ha of grazeable area/day) using works nominated by stock and domestic access licences
- 4. for the first 5 years of the plan, to groundwater taken for stock using works nominated by stock and domestic access licences
- 5. to water taken from existing dams. Conditions on *Water Act 1912* licences which nominate in-river dams are carried across to *Water Management Act 2000* licences.

Trading rules	
INTO water source	Permitted from Missabotti Creek, North Arm and Buckrabendinni Creek Water Sources, subject to assessment.
WITHIN water source	Permitted, subject to assessment.

**More information** about the planning process for the Nambucca River Unregulated and Alluvial Water Sources is available at the DPI Water website: www.industry.nsw.gov.au/water



Taylors Arm Water Source - Rules summary sheet 7 of 9

# **Rules Summary Sheet**

### **Taylors Arm Water Source**

Water sharing plan	Nambucca River Unregulated and Alluvial Water Sources
Plan commencement	30 September 2016
Term of the plan	10 years

### **Rules summary**

The following rules are a guide only. For more information please contact WaterNSW on 1300 662 077.

Boundary d	lefinition
------------	------------

Includes all surface water and alluvial groundwater in the hydrologic catchment of Taylors Arm upstream of Utungun.

Access rules		
Access rules for rivers, creeks and natural in-stream pools		
Cease to pump	Licence holders are not permitted to take water when there is no visible flow at the pump site, or where water is being taken from a pool, when there is no outflow from the pool.	
Daily pumping restrictions	Licence holders are not permitted to take water for more than <b>8 hours per day</b> when flows are less than or equal to <b>3 ML/day</b> at the flow reference point.	
Reference point	Taylors Arm at Upper Taylors Arm (GS205017).	
	Access rules for natural off-river pools	
Cease to pump	Licence holders are not permitted to take water from an off-river pool when there is no outflow from the pool. <b>Note:</b> Natural off-river pools include those pools located on flood runners, floodplains and effluent streams e.g. lakes, lagoons and billabongs.	
Reference point	Individual natural off-river pool.	
	Access rules for alluvial aquifers	
Cease to pump	Nil.	
Daily pumping restrictions	From Year 6 of the plan, licence holders within 40m of a stream are not permitted to take water for more than <b>8 hours per day</b> when flows are less than or equal to <b>3 ML/day</b> at the flow reference point.	
Reference point	Taylors Arm at Upper Taylors Arm (GS205017).	

Taylors Arm Water Source - Rules summary sheet 7 of 9

#### Access rules

#### General notes in relation to access rules:

**Note:** The stream gauge for this water source (GS205017) was commissioned in September 2011. Flow data over several more years is required to establish accurate percentile flow figures. In Year 6 of the plan, the access rules for this water source will be reviewed and may be amended based on updated stream flow data to set the cease-to-pump level at the 95th percentile and pumping restrictions at the 90th percentile. Any such change to the access rule will apply to both surface water and aquifer access licences.

**Note:** Aquifer access licences arising from conversion of unregulated river access licences, and access licences other than aquifer access licences are subject to access rules from plan commencement. (See exemptions below.)

**Note:** In most cases, groundwater extractions for domestic and stock purposes can be taken under Basic Landholder Rights and will not require an access licence.

**Note:** Access rules only apply to groundwater works within 40 metres of a stream. At a later date, works further than 40 metres from any stream may be subject to these access rules with a lag time.

**Note:** Water Act 1912 licence conditions that are more stringent than the plan rules are carried across to Water Management Act 2000 licences.

Note: All access rules described above do not apply:

- 1. to water taken for "health and hygiene purposes" as listed in the plan (up to 20 kL/day), using works nominated by licences listed in clause 1 of Schedule 2 or clause 1 of Schedule 3 in the plan
- to water taken for domestic consumption (up to 1 kL/house/day) using works nominated by stock and domestic access licences
- 3. for the first 3 years of the plan, to <u>surface</u> water taken for stock (up to 14 L/ha of grazeable area/day) using works nominated by stock and domestic access licences
- 4. for the first 5 years of the plan, to <u>groundwater</u> taken for stock using works nominated by stock and domestic access licences
- 5. to water taken from existing dams. Conditions on *Water Act 1912* licences which nominate in-river dams are carried across to *Water Management Act 2000* licences.

Trading rules	
INTO water source	Not permitted.
WITHIN water source	Permitted, subject to assessment.

**More information** about the planning process for the Nambucca River Unregulated and Alluvial Water Sources is available at the DPI Water website: www.industry.nsw.gov.au/water



Warrell Creek Water Source - Rules summary sheet 8 of 9

# **Rules Summary Sheet**

### Warrell Creek Water Source

Water sharing plan	Nambucca River Unregulated and Alluvial Water Sources
Plan commencement	30 September 2016
Term of the plan	10 years

### **Rules summary**

The following rules are a guide only. For more information please contact WaterNSW on 1300 662 077.

**Boundary** definition

Includes all surface water and alluvial groundwater in the hydrologic catchment of Warrell Creek, upstream
of the confluence with Butcher's Creek.

Access rules	
Access rules for rivers, creeks and natural in-stream pools	
Cease to pump	Licence holders are not permitted to take water when there is no visible flow at the pump site, or where water is being taken from a pool, when there is no outflow from the pool.
Reference point	Pump site or the outflow of the pool from which water is taken.
Access rules for natural off-river pools	
Cease to pump	Licence holders are not permitted to take water from an off-river pool when there is no outflow from the pool. <b>Note:</b> Natural off-river pools include those pools located on flood runners, floodplains and effluent streams e.g. lakes, lagoons and billabongs.
Reference point	Individual natural off-river pool.
Access rules for alluvial aquifers	
Cease to pump	Nil.

#### General notes in relation to access rules:

**Note:** In most cases, groundwater extractions for domestic and stock purposes can be taken under Basic Landholder Rights and will not require an access licence.

**Note:** *Water Act 1912* licence conditions that are more stringent than the plan rules are carried across to Water Management Act 2000 licences.

**Note:** All access rules described above do not apply:

- 1. to water taken for "health and hygiene purposes" as listed in the plan (up to 20 kL/day), using works nominated by licences listed in clause 1 of Schedule 2 or clause 1 of Schedule 3 in the plan
- to water taken for domestic consumption (up to 1 kL/house/day) using works nominated by stock and domestic access licences
- 3. for the first 3 years of the plan, to <u>surface</u> water taken for stock (up to 14 L/ha of grazeable area/day) using works nominated by stock and domestic access licences
- 4. to water taken from existing dams. Conditions on *Water Act 1912* licences which nominate in-river dams are carried across to *Water Management Act 2000* licences.

Warrell Creek Water Source - Rules summary sheet 8 of 9

Trading rules	
INTO water source	Permitted, subject to assessment, on a no net-gain basis.
WITHIN water source	Permitted, subject to assessment.

# **More information** about the planning process for the Nambucca River Unregulated and Alluvial Water Sources is available at the DPI Water website: www.industry.nsw.gov.au/water