

# Report card for the Upper Shoalhaven River Water Source

Report card 54 of 64

## Water source context

<b>Water Sharing Plan:</b>	Greater Metropolitan Region Unregulated River Water Sources
<b>Extraction Management Unit:</b>	Shoalhaven River
<b>Management Zones:</b>	Mid Shoalhaven River Management Zone Upper Shoalhaven River Management Zone
<b>Area:</b>	165,006 ha
<b>Inflowing water source:</b>	Upper Shoalhaven Tributaries Water Source
<b>Receiving water source:</b>	Shoalhaven River Gorge Water Source

## River flows

	<b>Upper Shoalhaven River Management Zone</b>
<b>Low flow index:</b>	16.2 ML/day (80 <sup>th</sup> percentile)
<b>Flow records:</b>	Shoalhaven River at Kadoona gauge (215008)
	<b>Mid Shoalhaven River Management Zone</b>
<b>Low flow index:</b>	72.7 ML/day (80 <sup>th</sup> percentile)
<b>Flow records:</b>	Shoalhaven River at Warri gauge (215002)

## Basic landholder rights

<b>Domestic and stock rights estimate:</b>	2,062.3 ML/yr
<b>Native title rights:</b>	0 ML/yr

## Licensed water entitlements

<b>Total surface water entitlement:</b>	2,270.5 ML/yr (376.5 ML/yr domestic and stock licences, 1,894 ML/yr unregulated river licences)
<b>Local water utilities entitlement:</b>	0 ML/yr
<b>Major utilities entitlement:</b>	0 ML/yr

Proportion of extraction management unit: 6%

## Rules

### Managing access licences

Each water access licence has its own share component (volume of the licence) and a water allocation account that acts like a bank account where water is credited or debited.

- Water is credited to an account by an available water determination or if water is traded in (purchased) during the year from other licence holders
- Water is debited from the account when water is extracted or traded out (sold). Total extraction from a work (pump, bore, etc.) will be measured via metering or logbooks.

### Carryover and individual account limits

For a major water utility access licence account – carryover is not permitted.

Domestic and stock, unregulated river and aquifer access licence accounts - carryover is permitted up to 1 ML per unit share or 100% of share component (where expressed in ML) at the end of each water year.

Domestic and stock, unregulated river and aquifer access licences - the maximum water account debit in any 3 consecutive water years is the volume of water allocated to the account over those 3 years from available water determinations plus any adjustments made for allocation assignments (trades) or water allocation re-credited into the account.

Table 1. Draft rules for granting access licences

Type	Current rules	Proposed rules
<p>There are limited purposes for which a new licence will be granted. It is anticipated that most water needs will be sourced from the market. One reason a licence may be granted is for Aboriginal cultural purposes. Other reasons are identified in Clause 10 of the Water Management Act General Regulation 2018.</p>		
Aboriginal cultural access licence	Permitted to a limit of 10 ML/yr.	No change.
Aboriginal community development access licence	Permitted to a combined total limit of 218 ML/yr.	No change.

Table 2. Draft surface water access rules

Type	Current rules	Proposed rules
<p>River flow can be viewed on <a href="#">WaterNSW Real-time Data website</a>. Search for a gauge under Rivers and Streams.</p>		
<b>Cease to pump</b>	<p><b>Mid Shoalhaven River Management Zone</b></p> <p>Cease to pump when no visible flow at the pump site.</p> <p>No take when flows are in the very low flow class.</p> <p><b>Upper Shoalhaven River Management Zone</b></p> <p>Cease to pump when no visible flow at the pump site.</p> <p>No take when flows are in the very low flow class.</p>	<p><b>Mid Shoalhaven River Management Zone</b></p> <p>Cease to pump when no visible flow at the pump site.</p> <p>No take when flows are in the very low flow class.</p> <p><b>Upper Shoalhaven River Management Zone</b></p> <p>Cease to pump when no visible flow at the pump site.</p>
<b>Flow classes</b>	<p><b>Mid Shoalhaven River Management Zone</b></p> <p>On a falling river:</p> <p>Very Low Flow Class: ≤48 ML/day</p> <p>A Class: &gt;48 ML/day</p> <p>On a rising river:</p> <p>Very Low Flow Class: ≤63 ML/day</p> <p>A Class: &gt;63 ML/day</p> <p><b>Upper Shoalhaven River Management Zone</b></p> <p>On a falling river:</p> <p>Very Low Flow Class: ≤10 ML/day</p> <p>A Class: &gt;10 - ≤45 ML/day</p> <p>B Class: &gt;45 ML/day</p> <p>On a rising river:</p> <p>Very Low Flow Class: ≤14 ML/day</p> <p>A Class: &gt;14 - ≤45 ML/day</p> <p>B Class: &gt;45 ML/day</p>	<p><b>Mid Shoalhaven River Management Zone</b></p> <p>No change.</p> <p><b>Upper Shoalhaven River Management Zone</b></p> <p>No change.</p>
<b>Extraction from an in-river pool</b>	<p>Must cease pumping if the in-river pool is below full capacity</p>	<p>No change.</p>

Type	Current rules	Proposed rules
<b>Extraction from an authorised in-river dam pool</b>	Rules specified on the water supply work approval for the in-river dam.	No change
<b>Off-river pools (natural pools, lakes or lagoons)</b>	Extraction from natural pools can only occur if the pool is 100% full.	No change.

Table 3 Exemptions from surface water access rules

Type	Current rules	Proposed rules
<b>Health and hygiene</b>	For an access licence specified in Schedule 2 of the plan, no more than 20 kl/day for the following reasons: <ul style="list-style-type: none"> <li>• fruit washing</li> <li>• cleaning of dairy plant and equipment for the purposes of hygiene</li> <li>• poultry watering and misting</li> <li>• cleaning of enclosures used for intensive animal production for the purposes of hygiene.</li> </ul>	Exemption now applies to both fruit and vegetable washing.
<b>Domestic use</b>	For domestic consumption under a domestic and stock access licence, up to 1 kl/day.	No change.
<b>Harvestable rights</b>	From a run-off harvesting dam.	No change.
<b>Specific purpose</b>	For an access licence specified in Schedule 2 of the plan.	No change.

Table 4 Draft rules for constructing surface water supply works

Type	Current rules	Proposed rules
<b>In-river dams</b>	<b>Mid Shoalhaven River Management Zone</b> Prohibited.	<b>Mid Shoalhaven River Management Zone</b> No change.
	<b>Upper Shoalhaven River Management Zone</b> Permitted.	<b>Upper Shoalhaven River Management Zone</b> No change.

Type	Current rules	Proposed rules
Works near coastal wetlands listed under <i>State Environmental Planning Policy (Resilience and Hazards) 2021</i>	No current rule.	Prohibited within 3km upstream of a Ramsar wetland or 200m of a coastal wetland identified on the Coastal Wetlands and Littoral Rainforest Area Map available on the NSW Planning Portal at <a href="http://www.planningportal.nsw.gov.au">www.planningportal.nsw.gov.au</a>

Table 5 Draft water trading (dealing) rules

Type	Current rules	Proposed rules
<p>Trading covers conversion of access licence to a new category (for example from unregulated river to aquifer), assignment of rights dealings (trading of a licence), share component dealings between water sources (trading of entitlement between water sources), water allocation dealings (trading an annual allocation) and water supply works dealings (relocation of an extraction point).</p>		
<b>INTO water source</b>	Permitted, with no net gain – Upper Shoalhaven River Management Zone Prohibited – Mid Shoalhaven River Management Zone	Permitted– both management zones
<b>WITHIN water source</b>	Permitted	No change
<b>Surface water to groundwater</b>	Prohibited	No change
<b>Groundwater to surface water</b>	Prohibited	No change
<b>Convert to high flow</b>	Permitted, to a combined limit of 392 ML/yr.	No change.

## Key factors for decisions

- The Upper Shoalhaven River Water Source has medium ecologic values, low likelihood of extraction from low flows impacting the ecological values, and low risk rating for low flows overall.
- Upper and Mid Shoalhaven Management Zones are proposed to be combined into one water source – the Upper Shoalhaven River Water Source. Management zones will remain separate allowing access and trade to be managed separately in each zone.
- No change is proposed to the current access rules as there is low risk to low flows in this water source

- Risk has reduced in the Upper Shoalhaven River Water Source and more broadly across the entire Shoalhaven River Extraction Management Unit. This reduction in risk justifies freeing up trade.

---

## Public exhibition

The Department of Planning and Environment seeks feedback from the public on the suitability of the proposed rules for this water source.

The draft Greater Metropolitan Region Unregulated River Water Sharing Plan and supporting fact sheets are available from the department's [Public Exhibition website](#).