

Tintinara Coonalpyn Prescribed Wells Area Water Allocation Plan review Allocation and Use

The Tintinara Coonalpyn Water Allocation Plan is currently under review. Water allocation plans set rules in the allocation and use of the water resource.

This overview has been developed to transparently show allocation and use data over the term of the current Plan since its adoption in 2012. Licensing data including allocation and use is maintained by the Department for Environment and Water.

This overview is provided as indicative data and is for general information purposes only.

Allocation and Use

'Allocation' refers to the volume of water allocation that may be taken and is allocated on water (taking) licences within the Tintinara Coonalpyn Prescribed Wells Area (PWA). Allocation includes delivery supplement but does not include carry-over. There are no current water (holding) licences within the PWA.

In general, the total allocation has remained fairly consistent over the term of the current Plan. Specific principles in transition to current Plan resulted in some changes to allocation to 2016.

'Use' refers to volume of water extracted from water (taking) licences within the Tintinara Coonalpyn Prescribed Wells Area (PWA). This data is provided from the water use return/report from meter reads on an annual basis.

In general, use has remained fairly consistent over the term of the current Plan at the PWA level. Use reflects variance in response to climate/rainfall variability over the term of the Plan. The average annual use from 2013-2025 for the PWA was 55% use of total allocation, ranging from lowest use year of 33% (2023) to highest use year of 55% (2025).

A map of the current management areas with TML, graphs of allocation and use for each management area are provided in this summary document. Carry-over information has not been provided in this summary but has ranged between 19-25% each year over the term of the Plan.

Data has been provided by the Department for Environment and Water (DEW) to the Limestone Coast Landscape Board for the purposes of supporting the review process. All data is considered indicative.

Tintinara Coonalpyn Prescribed Wells Area Allocation and Use 2013-2025

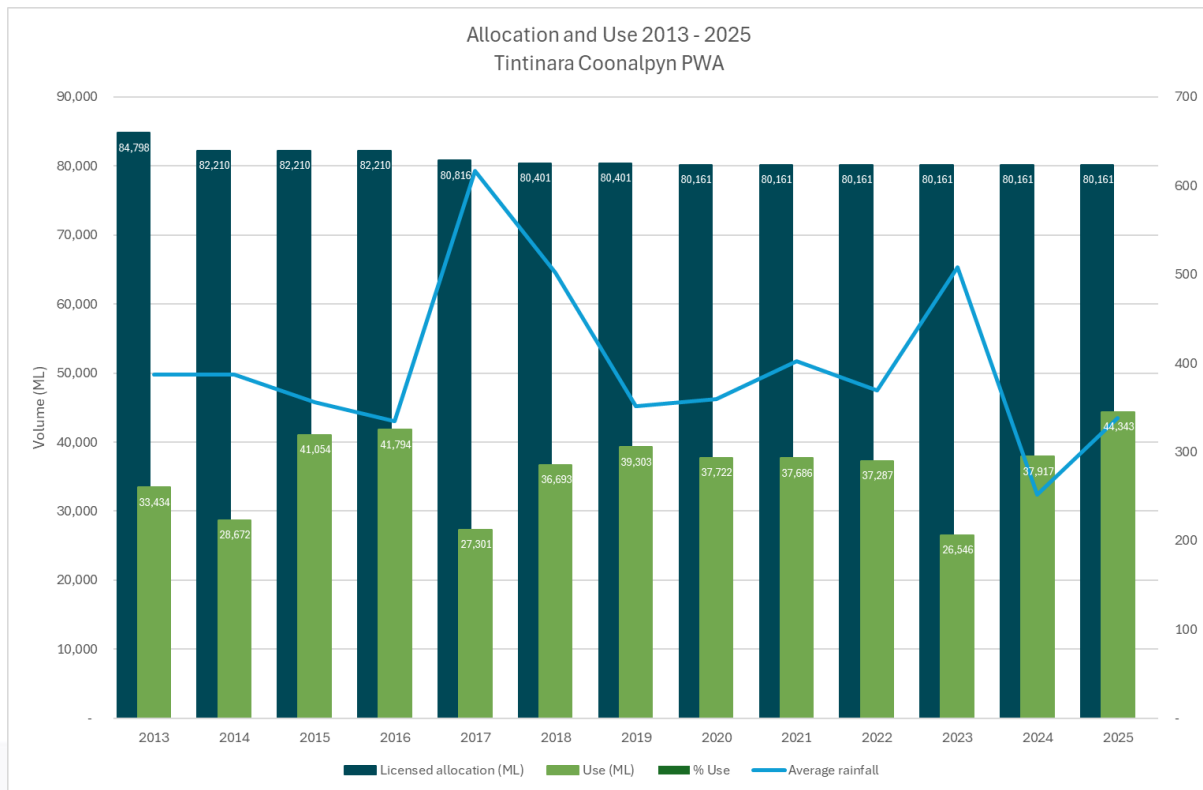


Figure 1: Allocation and use (extraction) with average rainfall for the Tintinara Coonalpyn Prescribed Wells Area for the term of the current Plan – 2013 to 2025 water use year.

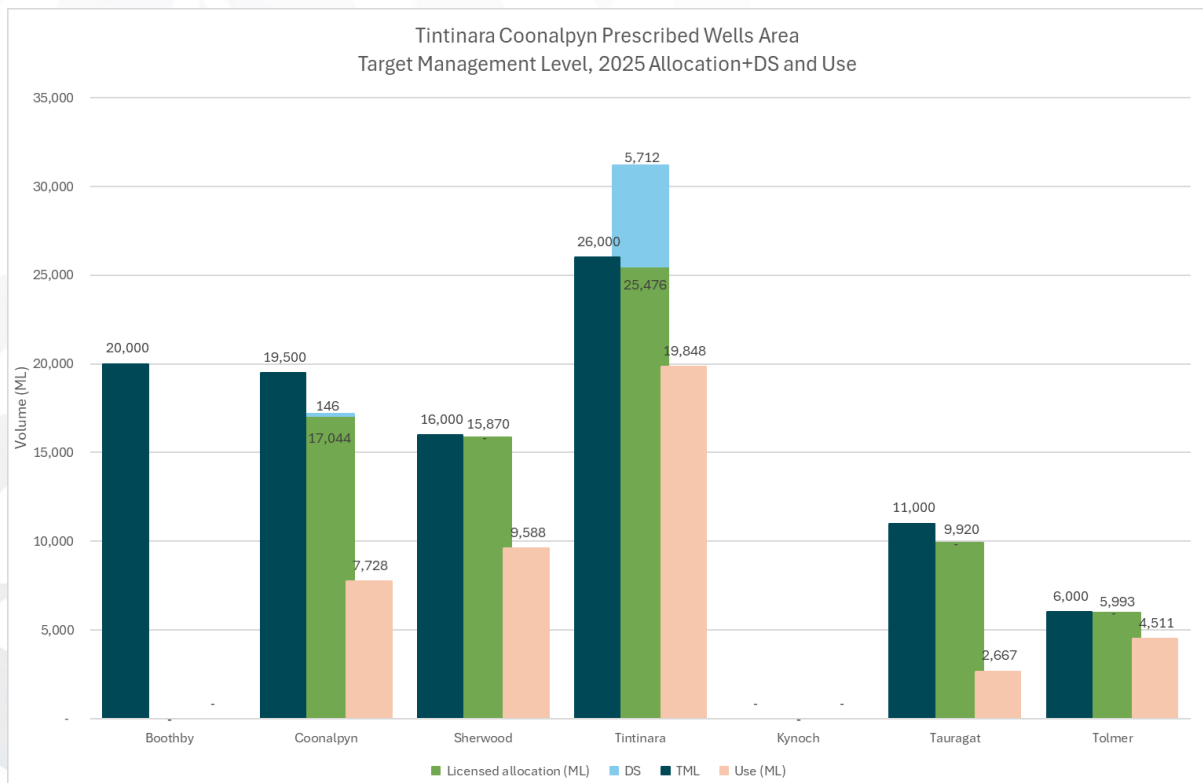


Figure 2: TML, allocation and use (extraction) for the Tintinara Coonalpyn Prescribed Wells Area for the 2025 water use year. Delivery supplement – flood shown in addition to tradeable allocation.

Tintinara Coonalpyn Prescribed Wells Area

Purpose of Use 2013-2025

Each water (taking) allocation has an associated purpose of use that the water can be used for. The Plan includes principles which apply to specific purpose of use.

Purpose of use has remained fairly consistent over the term of the Plan after transition allocation/changes occurred to 2016 such as from Irrigation to Delivery supplement – Flood.

Table 1: Purpose of use for the Tintinara Coonalpyn Prescribed Wells Area for the term of the current Plan – 2013 to 2025 water use year.

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Aquaculture	104	104	104	104	104	104	104	4	4	4	4	4	4
Delivery supplement - flood	1,529	1,422	1,422	1,422	6,486	6,098	6,098	5,858	5,858	5,858	5,858	5,858	5,858
Industrial	72	72	72	72	72	72	72	72	72	72	72	72	72
Industrial - Dairy	20	20	20	20	20	20	20	20	20	20	20	20	20
Intensive Animal Keeping	172	172	172	172	422	172	172	885	885	885	885	885	885
Irrigation	82,739	80,259	80,259	80,259	73,550	73,773	73,773	73,160	73,160	73,160	73,160	73,160	73,160
Recreational	162	162	162	162	162	162	162	162	162	162	162	162	162
Total	84,798	82,210	82,210	82,210	80,816	80,401	80,401	80,161	80,161	80,161	80,161	80,161	80,161

Unconfined aquifer

Management area map with Target Management Level (TML)

Target management level (TML) is the maximum annual volume of water that the Plan identified could potentially be extracted to ensure the resource is managed sustainably.

Delivery Supplement – Flood is excluded in TML but is included in both allocation and use data presented for each management area. Delivery Supplement – Flood is allocated in Tintinara (5,712ML) and Coonalpyn (146ML).

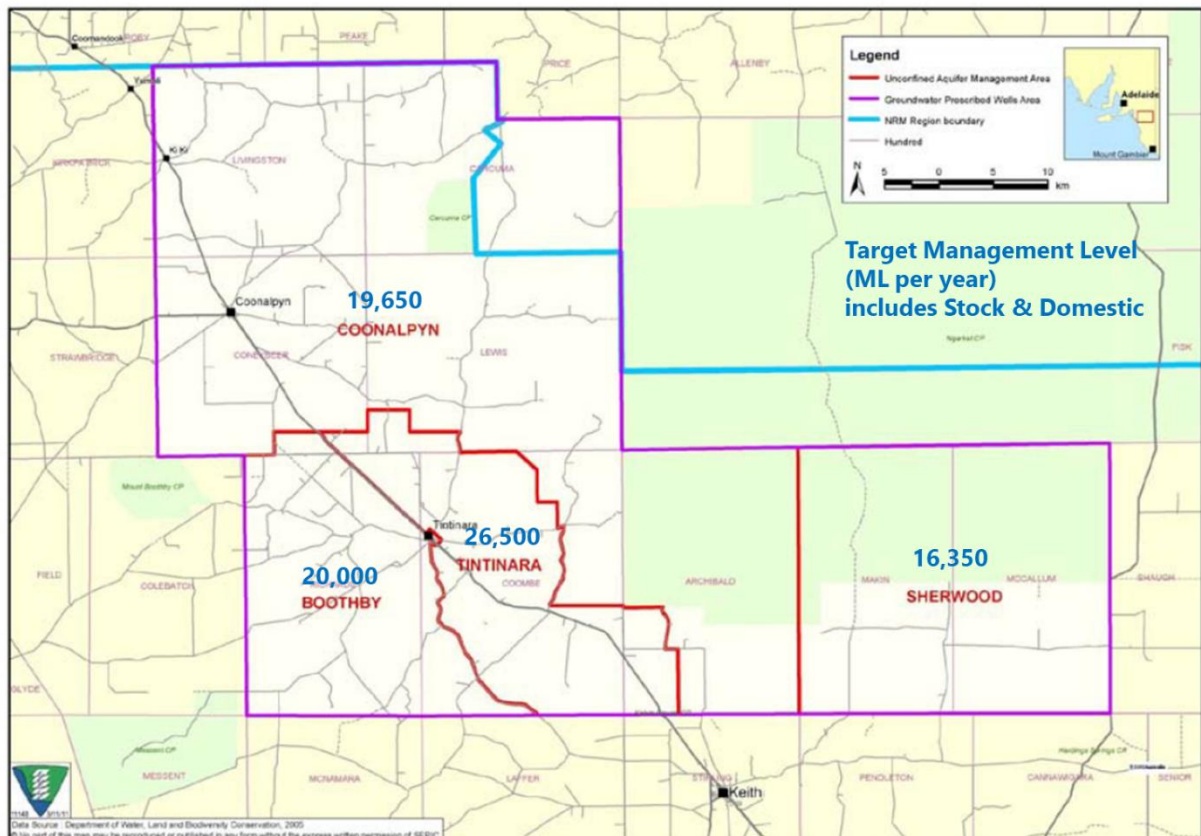


Figure 3: Map of Unconfined aquifer management areas and current Target Management Level (TML) in the Tintinara Coonalpyn PWA.

Boothby management area

TML of 20,000ML made available for allocation by the Minister for innovative purposes.
No allocation and no use during the term of the current Plan.

Coonalpyn management area

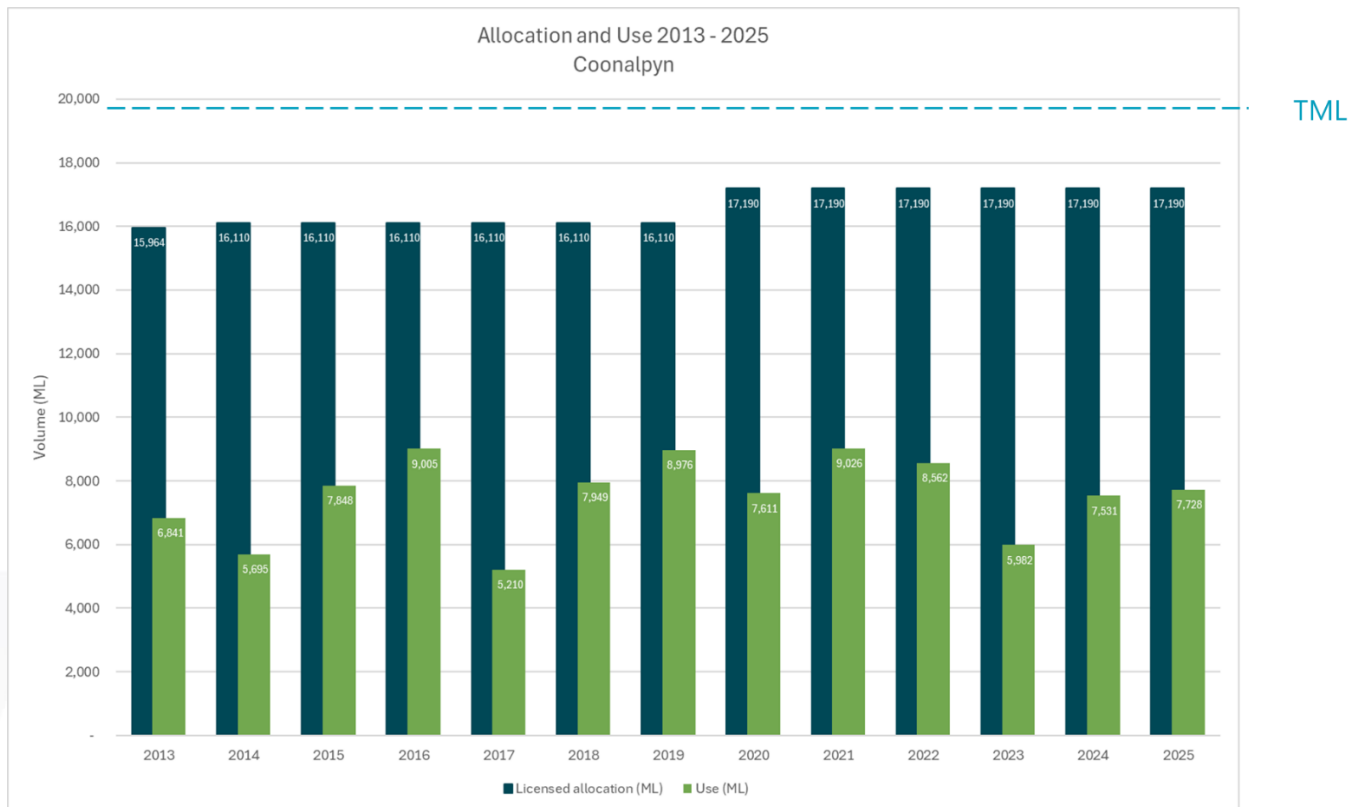


Figure 4: Allocation and use (extraction) for the Coonalpyn management area in the unconfined aquifer for the term of the current Plan – 2013 to 2025 water use year.

Sherwood management area

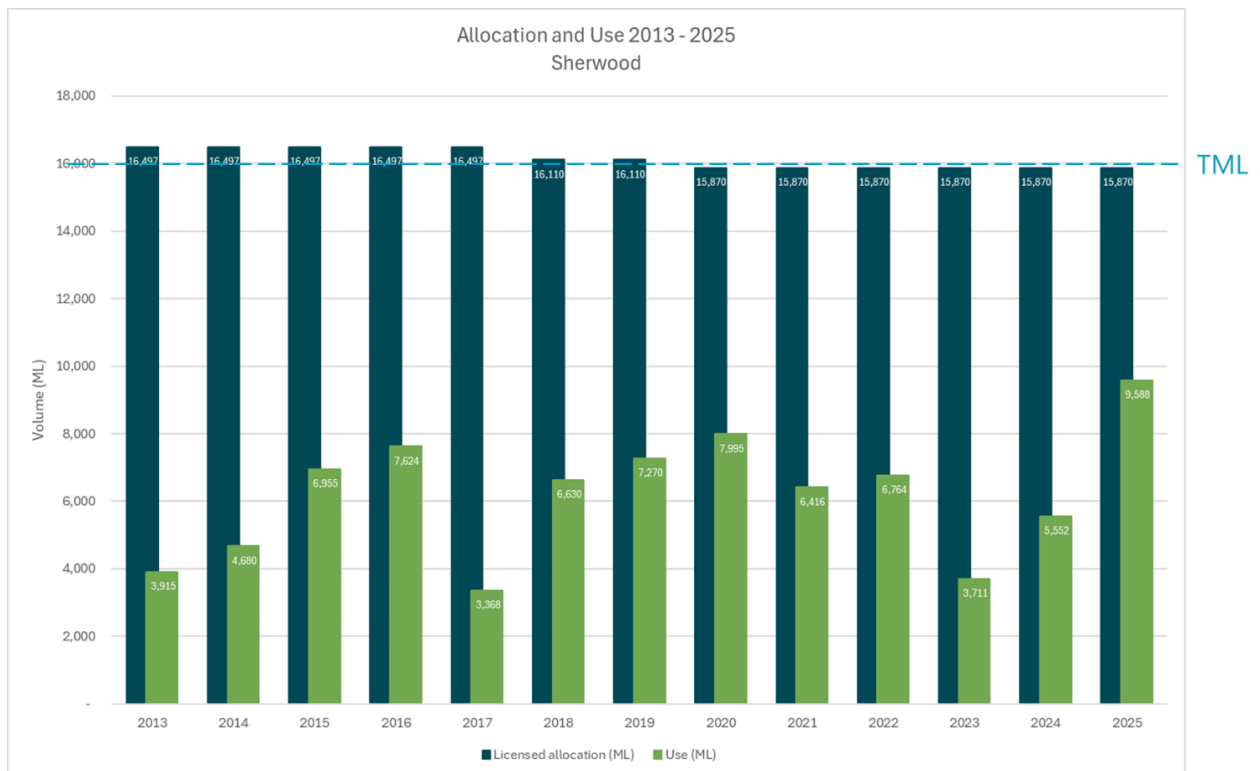


Figure 5: Allocation and use (extraction) for the Sherwood management area in the unconfined aquifer for the term of the current Plan – 2013 to 2025 water use year.

Tintinara management area

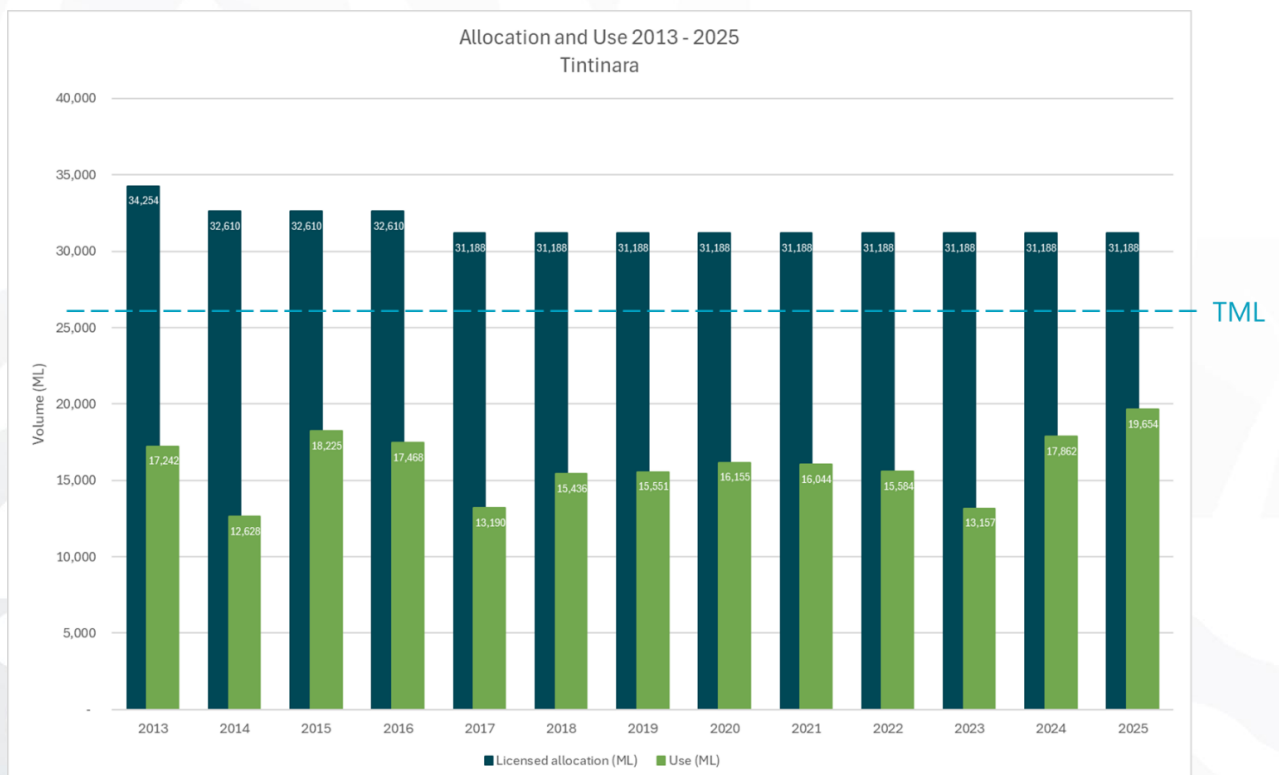


Figure 6: Allocation and use (extraction) for the Tintinara management area in the unconfined aquifer for the term of the current Plan – 2013 to 2025 water use year.

Confined aquifer

Management area map with Target Management Level (TML)

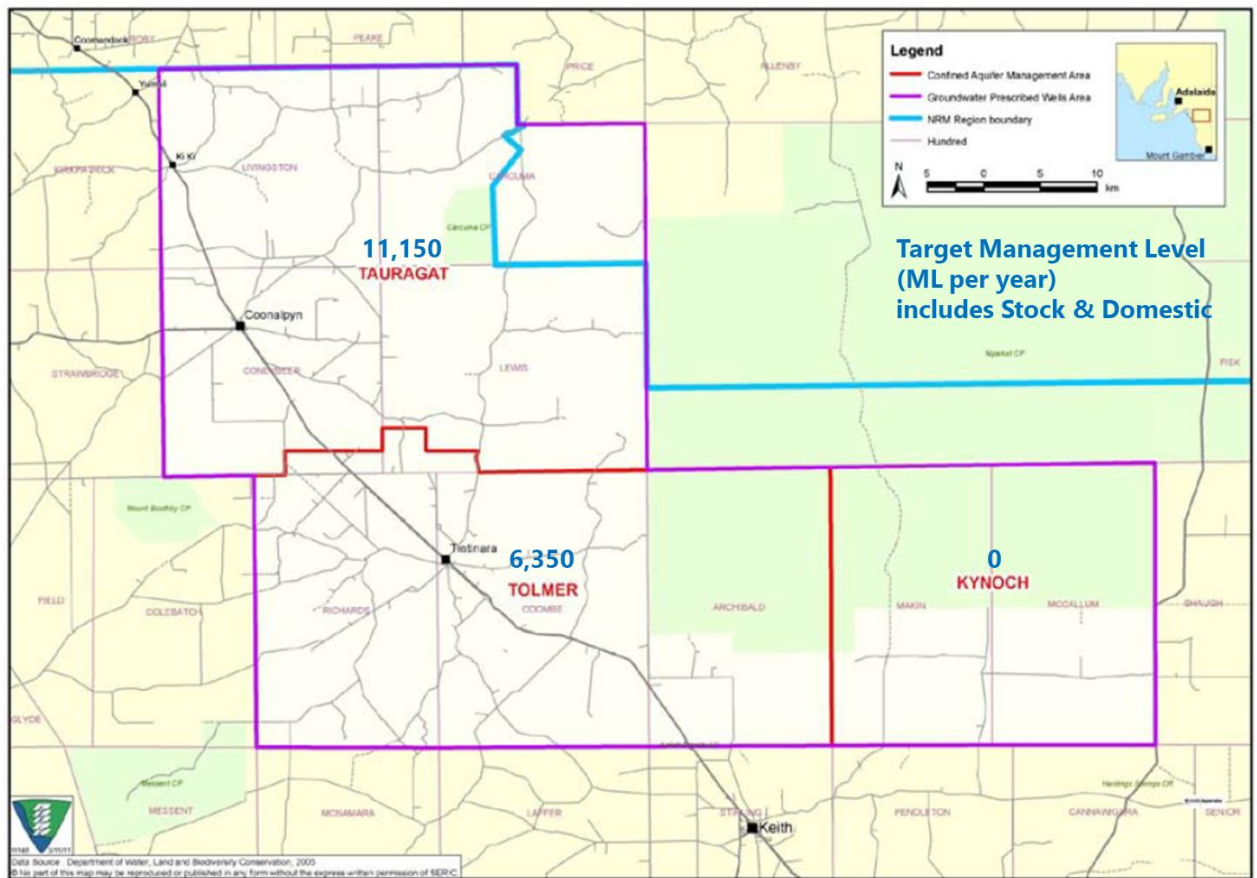


Figure 7: Map of Confined aquifer management areas and current Target Management Level (TML) in the Tintinara Coonalpyn PWA.

Kynoch management area

TML of 0ML. No allocation and no use during the term of the current Plan.

Tauragat management area

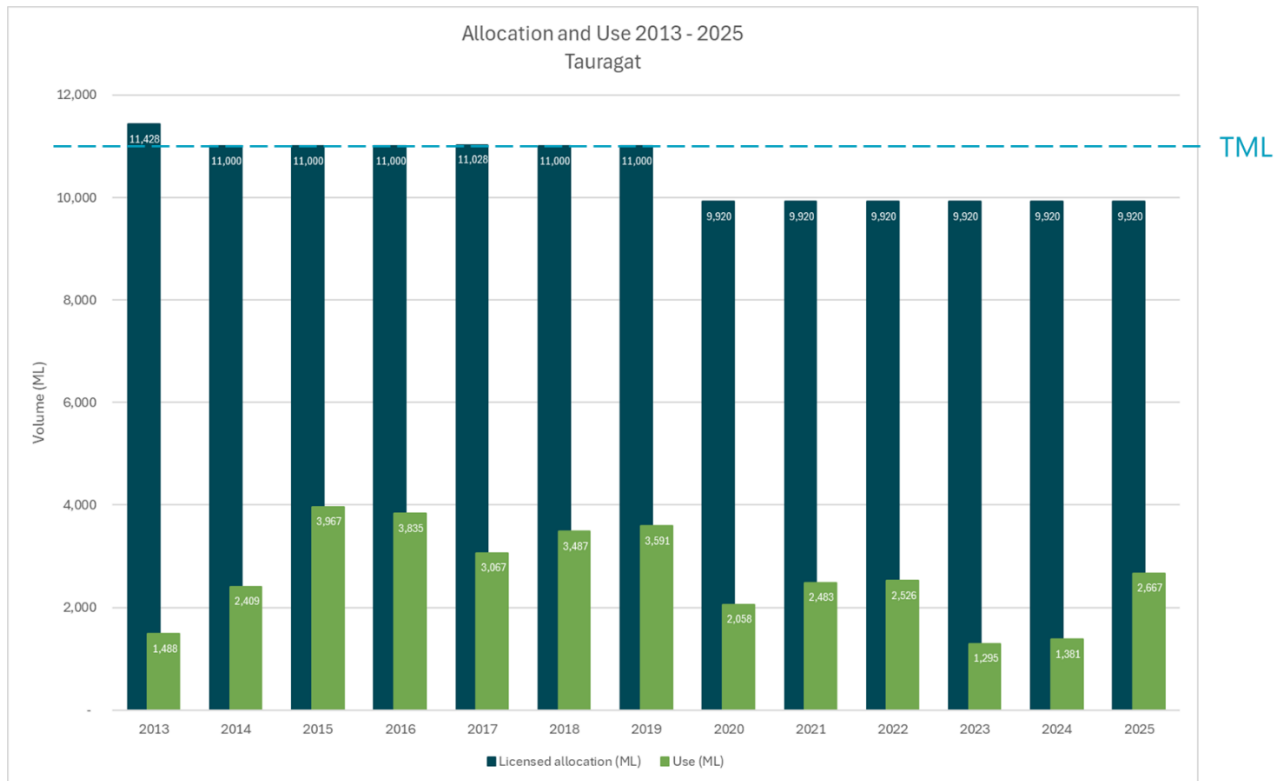


Figure 8: Allocation and use (extraction) for the Tauragat management area in the confined aquifer for the term of the current Plan – 2013 to 2025 water use year.

Tolmer management area

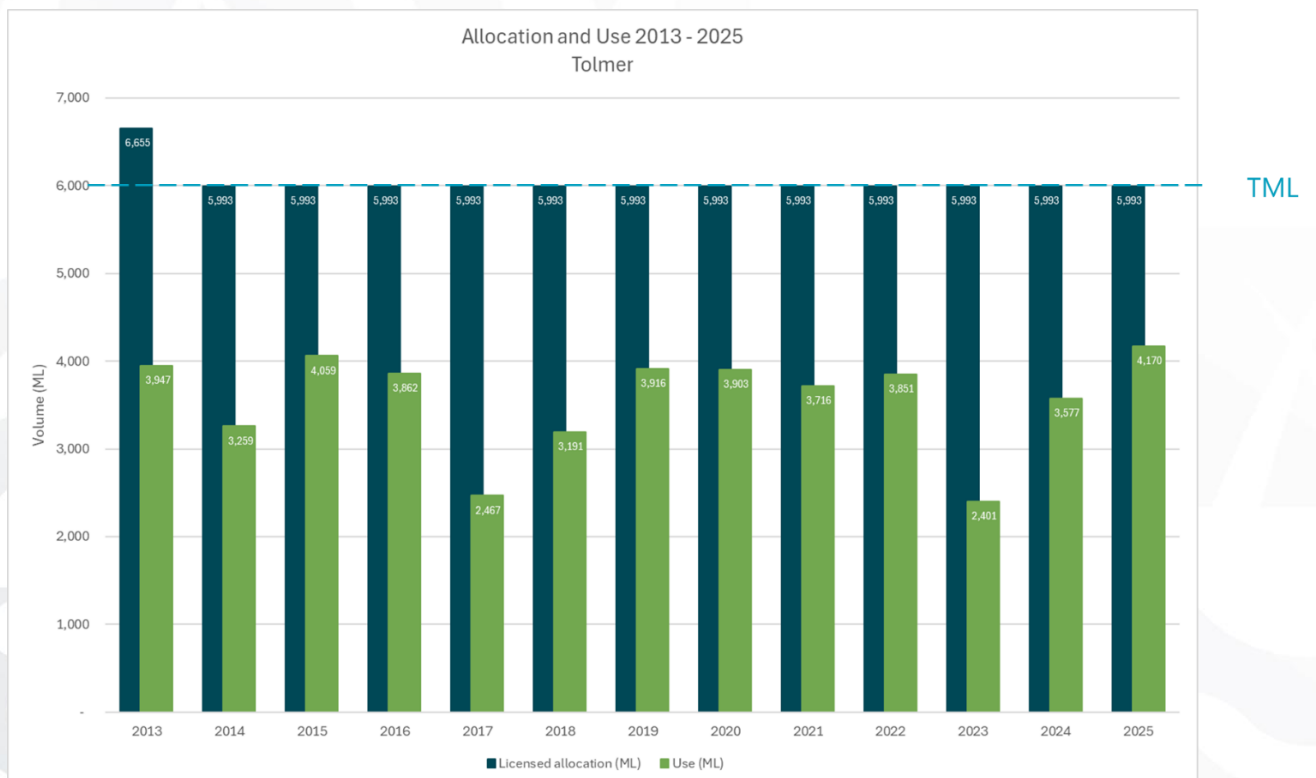


Figure 9: Allocation and use (extraction) for the Tolmer management area in the confined aquifer for the term of the current Plan – 2013 to 2025 water use year.

Further information

Water monitoring wells

Check out groundwater level and salinity monitoring from observation wells in the Tintinara Coonalpyn Prescribed Wells Area:

- Observation well map with graphs:
<https://engage.lclandscapesa.com.au/tintinara-coonalpyn-water-allocation-plan-review/observation-wells-tintinara-coonalpyn-prescribed-wells-area>
- Waterconnect (DEW) <https://www.waterconnect.sa.gov.au/>

Resource condition summary

The *Tintinara Coonalpyn Water Resource Condition update and Salinity Monitoring Summary* can be accessed at: <https://engage.lclandscapesa.com.au/tintinara-coonalpyn-water-allocation-plan-review>

Tintinara Coonalpyn Water Allocation Plan review

Check out the project page: <https://engage.lclandscapesa.com.au/tintinara-coonalpyn-water-allocation-plan-review>

Contact Us

Have questions or want to learn more, contact:

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