

Eyre Peninsula Water Allocation Plan Review

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Department for Environment & Water

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Government of South Australia
Department for Environment
and Water



Roles & Responsibilities – A reminder

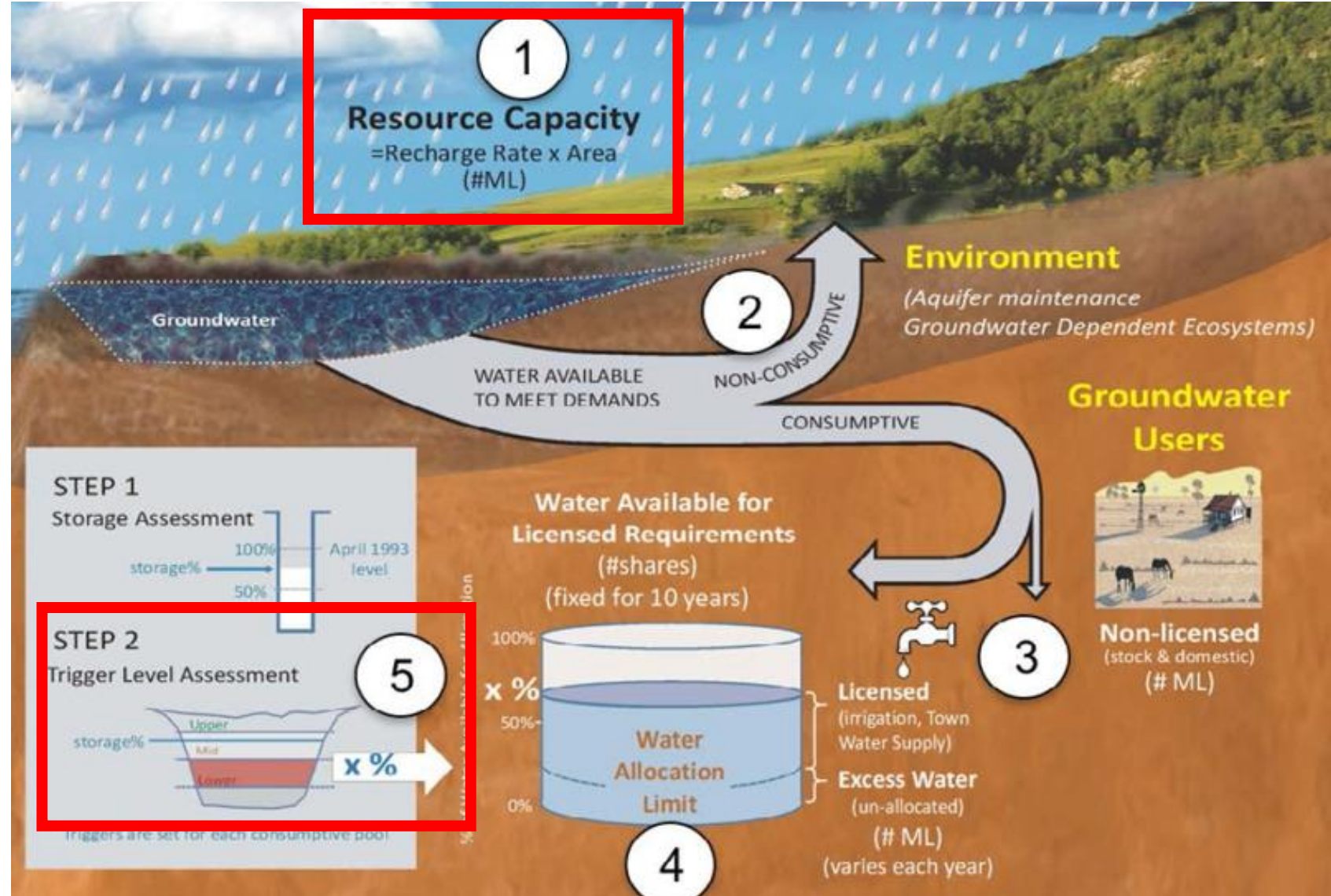
- **Landscape Boards** – Design the rule book for how water is shared – the water allocation plan
- **Department for Environment & Water** – monitor and assess the resource and allocate water to licensees in line with the water allocation plan
- **SA Water** – use their water license to provide drinking quality water to customers

While there is a clear delineation in roles and responsibilities, water management on Eyre Peninsula is unequivocally linked to water security.

Water Allocation Plan

Water Allocation Plan

for the Southern Basins and Musgrave Prescribed Wells Areas



Water Allocation Plan

 Water Allocation Plan, a five minute overview  Copy link



UNDERGROUND AQUIFERS

Watch on  YouTube

Southern Basins & Musgrave Prescribed Wells Areas

Groundwater condition

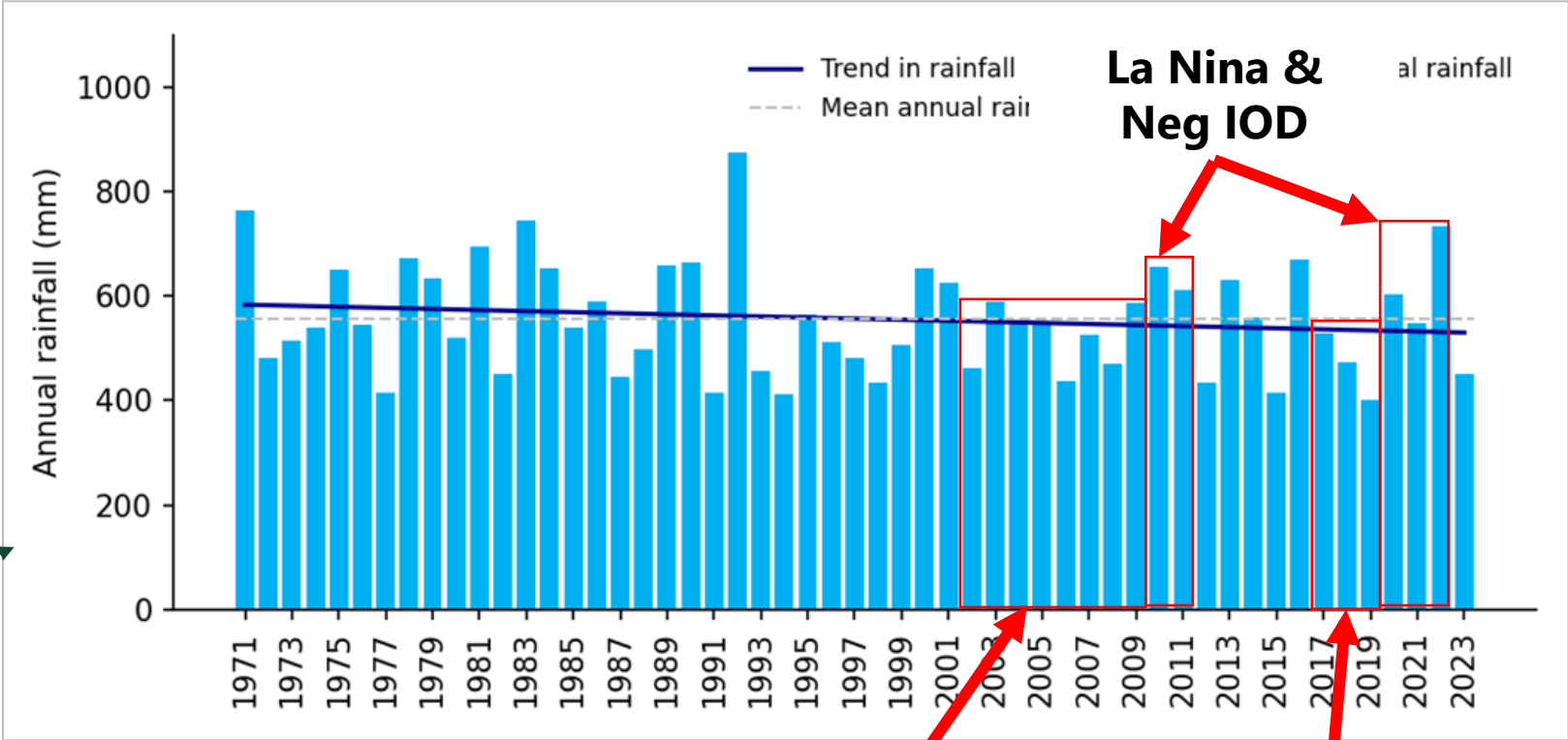


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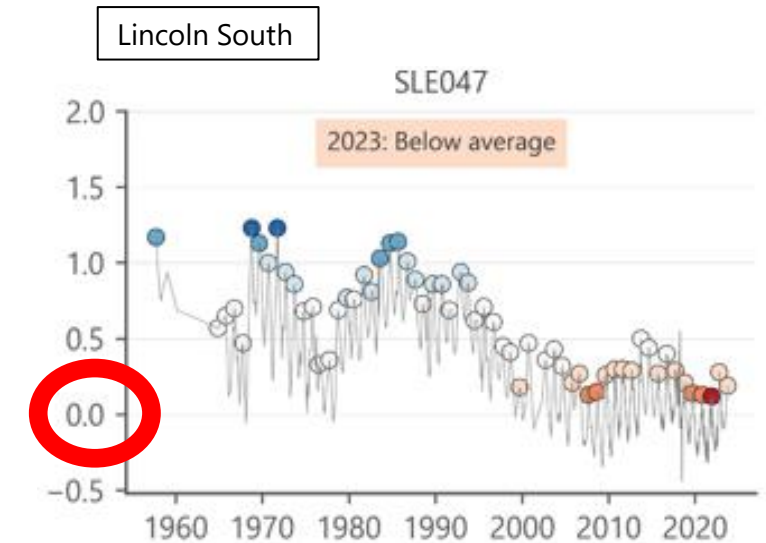
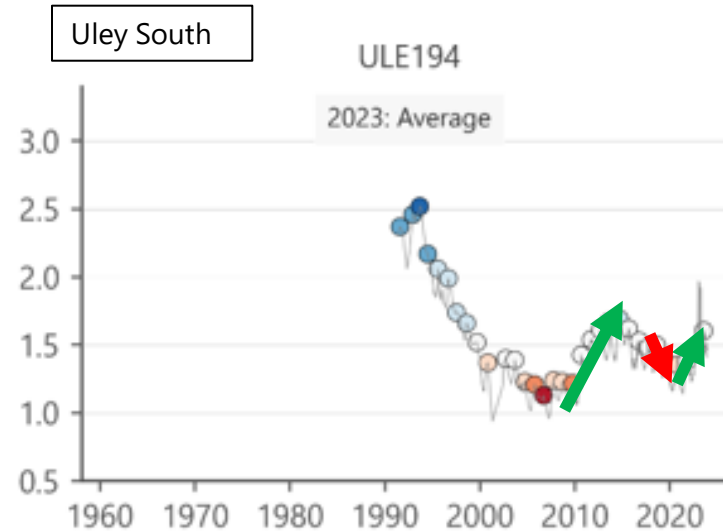
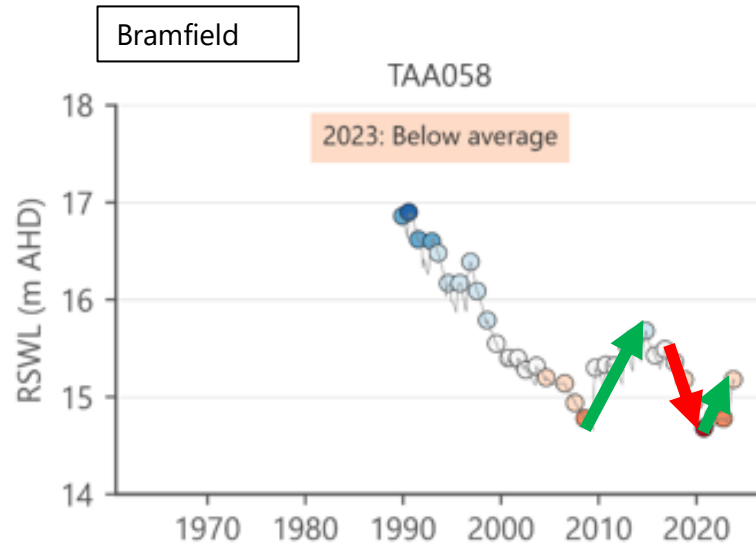


Rainfall

Rainfall station	Long-term trend in annual rainfall
Elliston (18069)	Declining
Polda (A0211001)	Declining
Big Swamp (18017)	Declining
Westmere (18137)	Declining



Groundwater status 2022-23 – water level behaviour

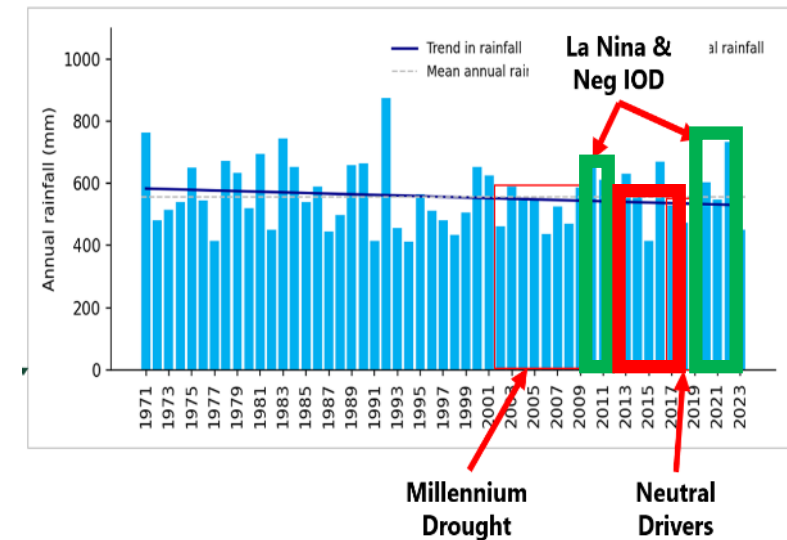
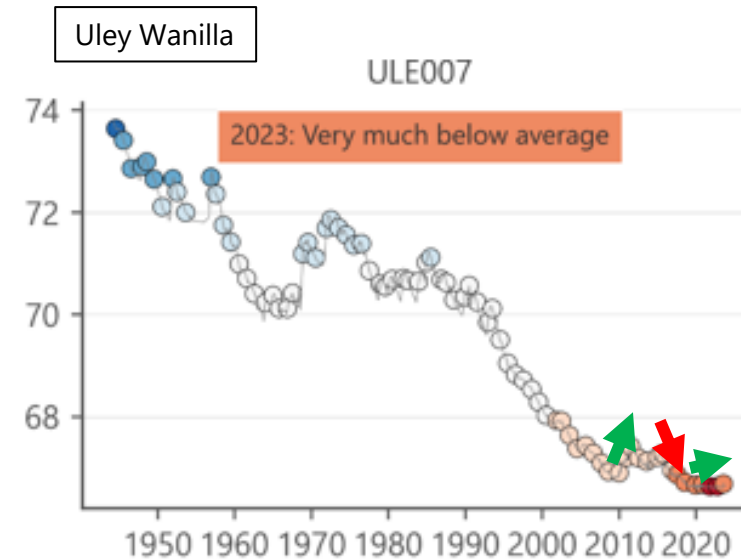


LEGEND

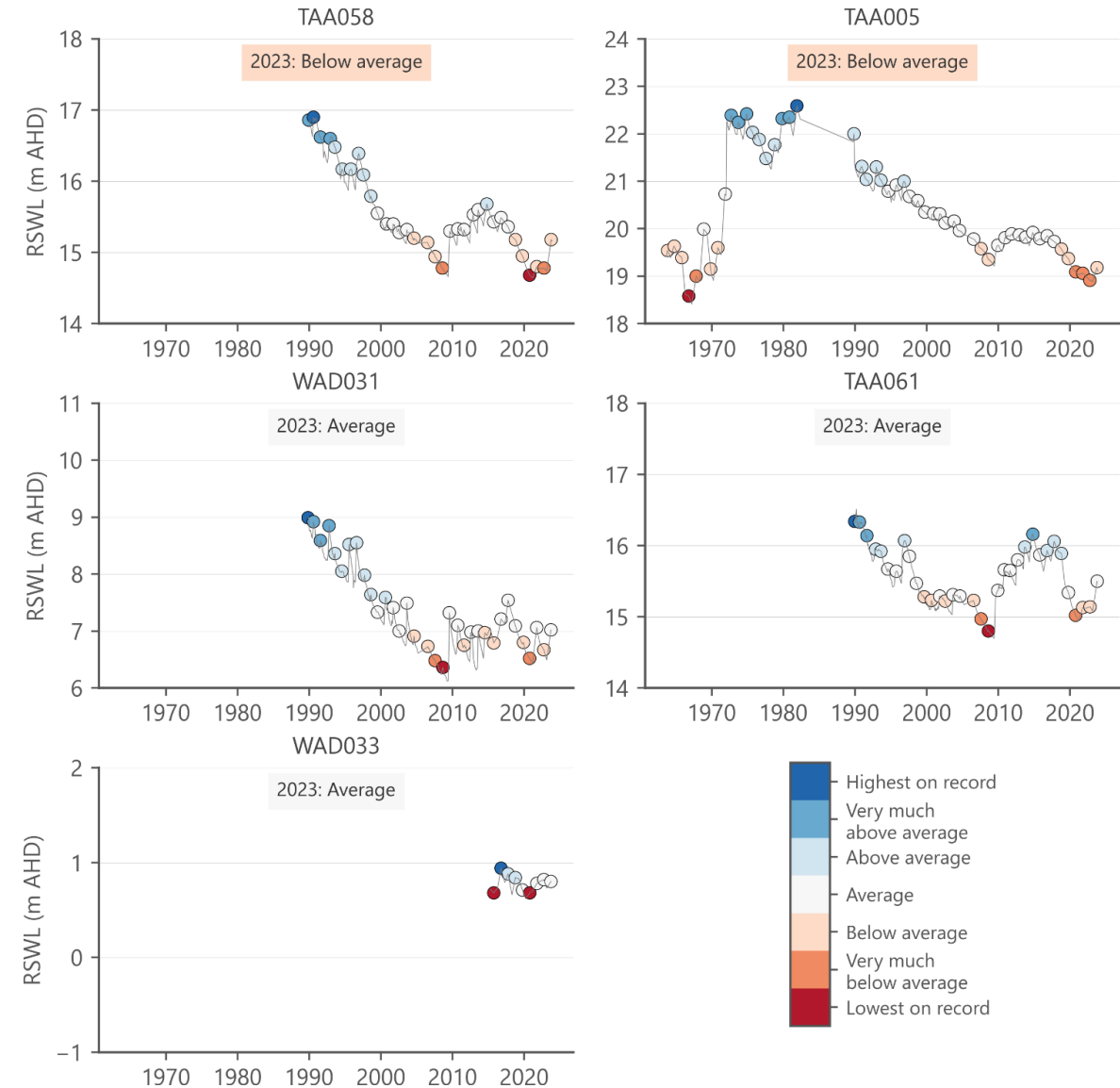
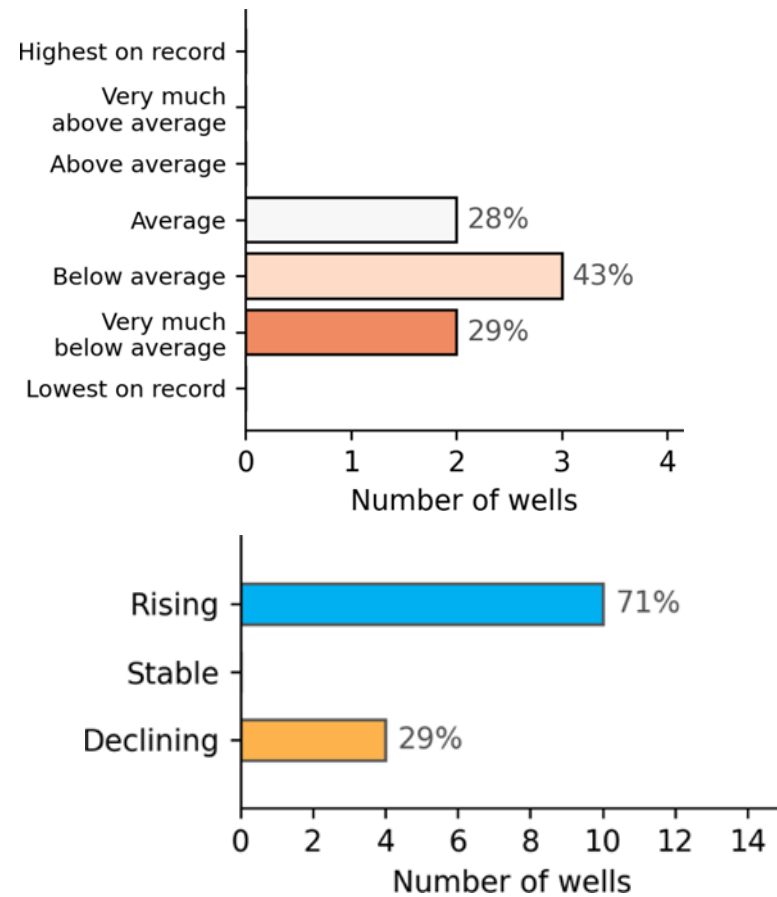
- Highest on record
- Very much above average
- Above average
- Average
- Below average
- Very much below average
- Lowest on record
- Long-term trend

Southern Basins PWA	Coffin Bay	
	Lincoln South	
	Uley South	
	Uley Wanilla	

Musgrave PWA	Bramfield	
	Polda	



Water levels - Bramfield



Groundwater status over time

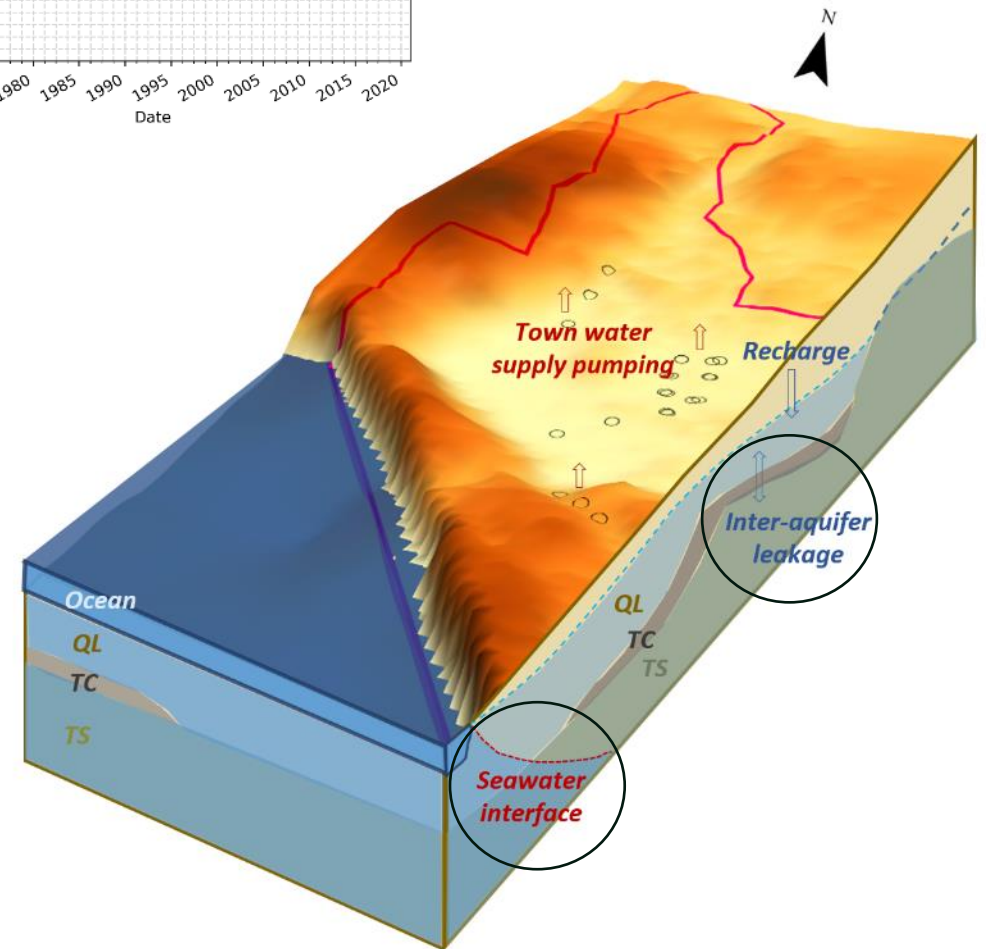
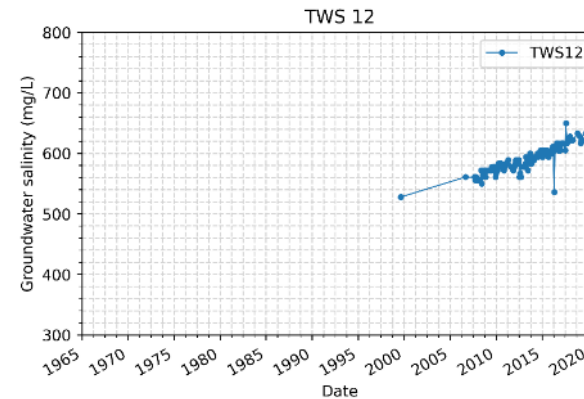
Prescribed area	Report / aquifer	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Musgrave PWA	Bramfield										
	Polda										
Southern Basins PWA	Coffin Bay										
	Lincoln South										
	Uley South										
	Uley Wanilla										

LEGEND

-  Highest on record
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Salinity issues

- Two mechanisms for salinity increase:
 - Inflow from underlying aquifer.
 - Seawater intrusion.
- Declining water levels correspond with increasing salinity in inland supply wells.
- Inflow from underlying aquifer.
- Current data and modelling suggest the toe of the seawater wedge is approx. 1.2km from production bores and will move inland with current levels of extraction



EP WAP REVISION TIMETABLE

EPLB announces immediate combined review and revision of WAP	Apr 2024
Stakeholder engagement: review of 2016 WAP and future issues	Oct – Feb 2025
Technical review of 2016 WAP	Nov 2024
Prepare first draft of revised WAP	Jul 2025
Stakeholder engagement: 2-month consultation on 1 st draft	Aug – Sep 2025
Further revisions to prepare final draft of revised WAP	Dec 2025
Draft of revised WAP and required attachments submitted to Minister	Dec 2025
Any Ministerially-required changes made	Jan 2026
Revised WAP approved	Feb 2026
Stakeholder engagement: information on approved WAP	Apr 2026
Revised water licences issued by DEW	June 2026



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