

Djarlgarro

Canning waterway

Weekly water quality report
25 August 2026

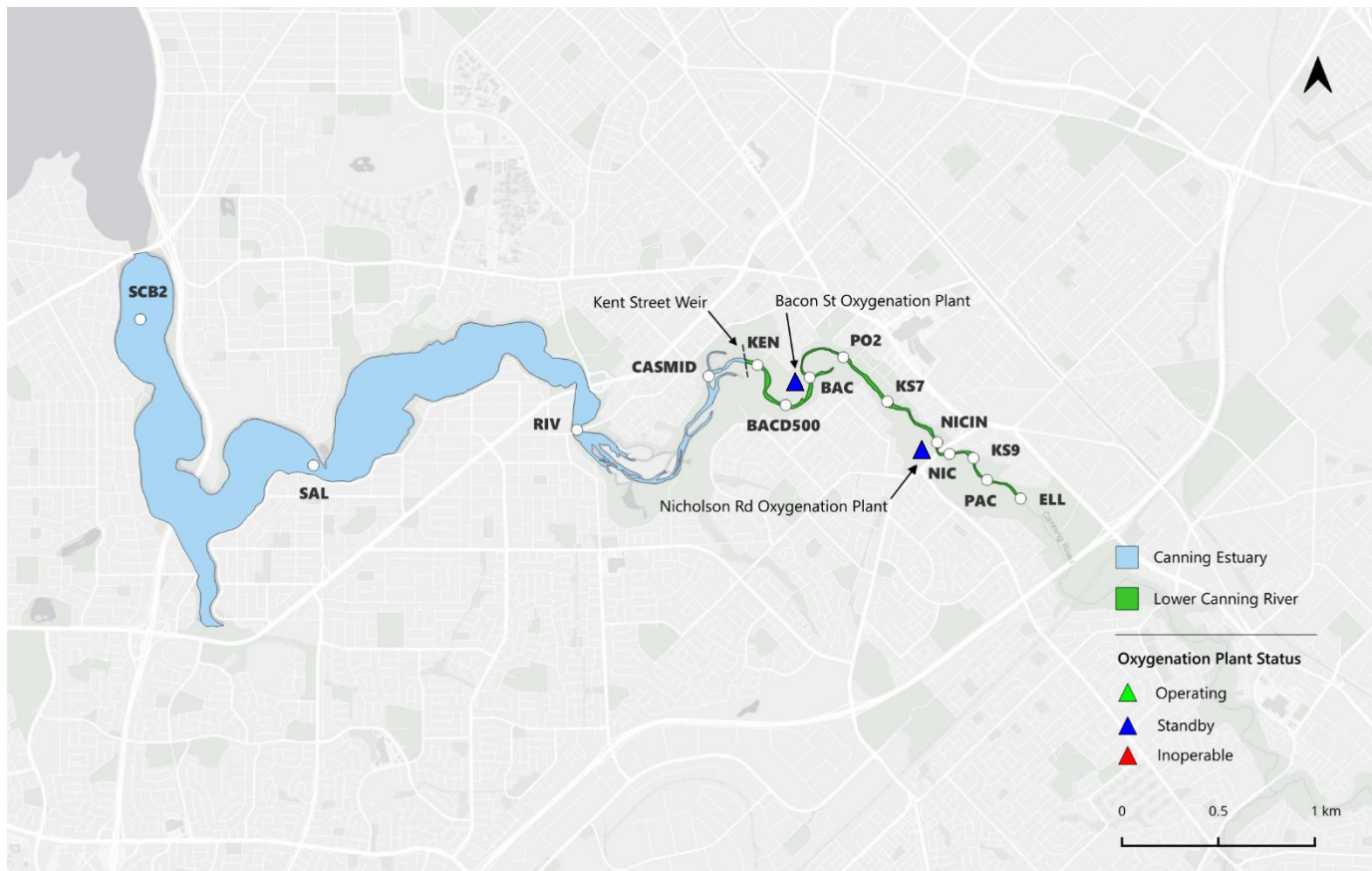
Monitoring conducted on Whadjuk Noongar Country

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Photo – DBCA

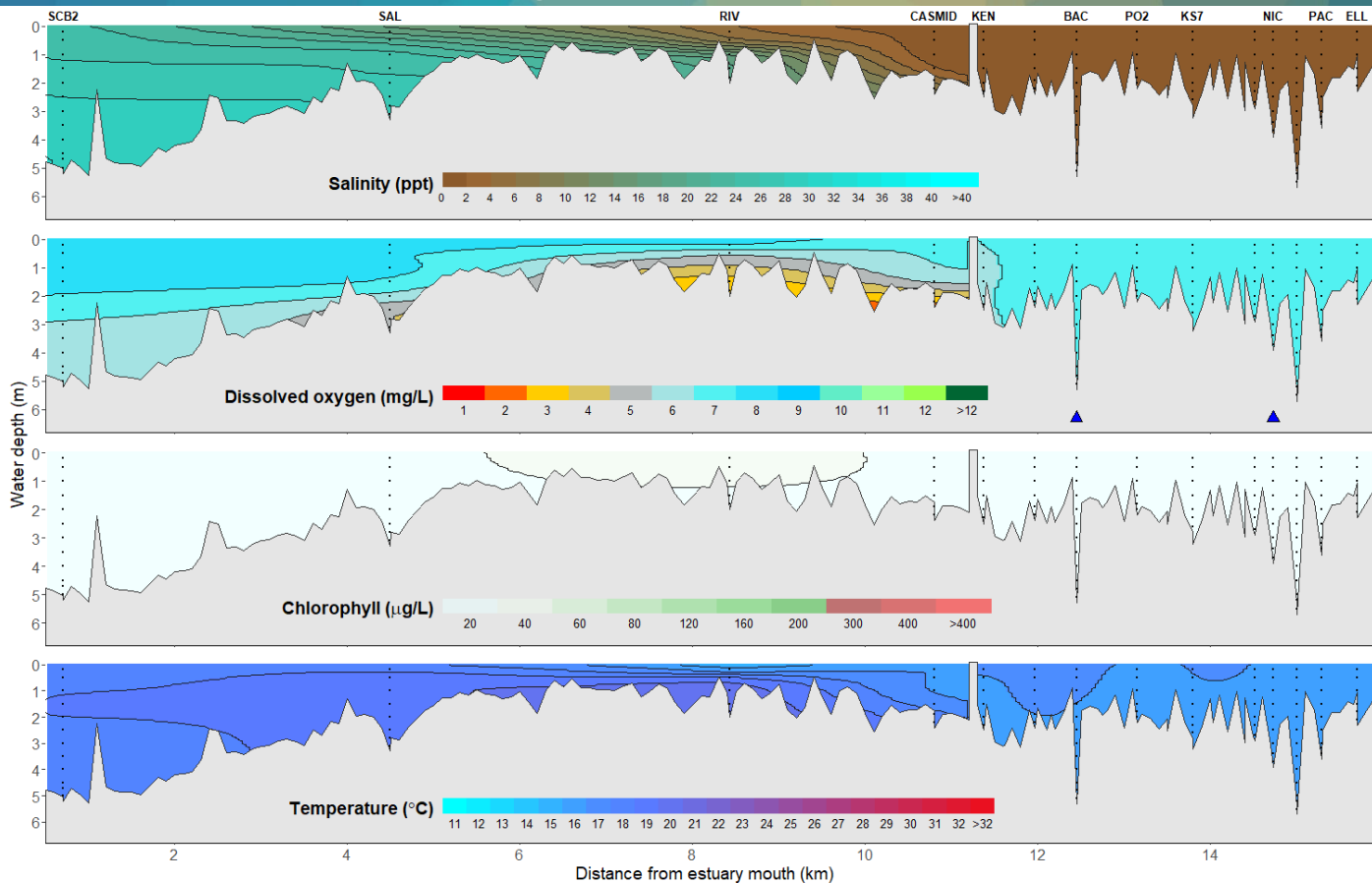
Djarlgarro water quality monitoring sites

25 August 2026



Djarlgarro water quality profile

25 August 2026



Note: Profile plots are visual interpolations of measured parameters only. Detailed data are available at wir.water.wa.gov.au.

Djarlgarro water quality summary

25 August 2026

Canning Estuary: Waters were polyhaline at SCB2, mesohaline over polyhaline from SAL to RIV and oligohaline over mesohaline at CASMID. Waters were oxygenated or well oxygenated, except for bottom waters from RIV to CASMID which were low in oxygen. RIV recorded moderate chlorophyll fluorescence indicating some micro-algal activity at this site. Water temperatures ranged from 15.5 to 19.8 °C.

Lower Canning River: The river was flowing and conditions were fresh with oxygenated to well oxygenated waters and low chlorophyll fluorescence. Water temperatures ranged from 15.4 to 16.3 °C.

Season			
Djilba		First spring	
Predicted tides ¹			
High Tide		Low Tide	
1.04 m	2:36 am	0.74 m	6:12 pm

Recorded weather conditions	
Skies	Cloudy
Wind direction	NE
Wind speed (max)	4.8 knots
Air temperature ² (max)	21.1 °C
Rainfall ² (in week prior)	4.8 mm

Definitions

Salinity (ppt)³ – fresh: <0.5; oligohaline: 0.5 – 5; mesohaline: >5 – 18; polyhaline: >18 – 30; euhaline: >30 – 40; hyperhaline: >40.

Dissolved oxygen (mg/L)⁴ – anoxic: 0; hypoxic: >0 – 2; low oxygen: >2 – 4; oxygenated: >4 – 6; well oxygenated: >6.

Chlorophyll fluorescence (µg/L)⁵ – low: <50; moderate: 50 – 150; high: >150 – 400, very high: >400.

References

1. DTMI (Department of Transport and Major Infrastructure) (2025) [Tide predictions](#), DTMI, accessed 25 August 2026.
2. BOM (Bureau of Meteorology) (2026) [Perth Western Australia Daily Weather Observations](#), BOM, accessed 25 August 2026.
3. (2003) 'The Venice System for the Classification of Marine Waters According to Salinity', *Limnology and Oceanography*, 3, [doi: 10.4319/lo.1958.3.3.0346](#).
4. DWER (Department of Water and Environmental Regulation) (2018) [Oxygenating the Vasse estuary exit channel: the results of a two year trial 2025 - 2017](#), DWER, Government of Western Australian.
5. Chlorophyll definitions were internally developed from historical trends within the Swan Canning Riverpark.

Recommended reference for this report

Department of Biodiversity, Conservation and Attractions, 2026. *Canning Water Quality Report, 25 August 2026*. Rivers and Estuaries Science (<https://www.dbca.wa.gov.au/management/swan-canning-riverpark/swan-canning-riverpark-water-quality-monitoring>)