

Djarlgarro

Canning waterway

Weekly water quality report
1 September 2026

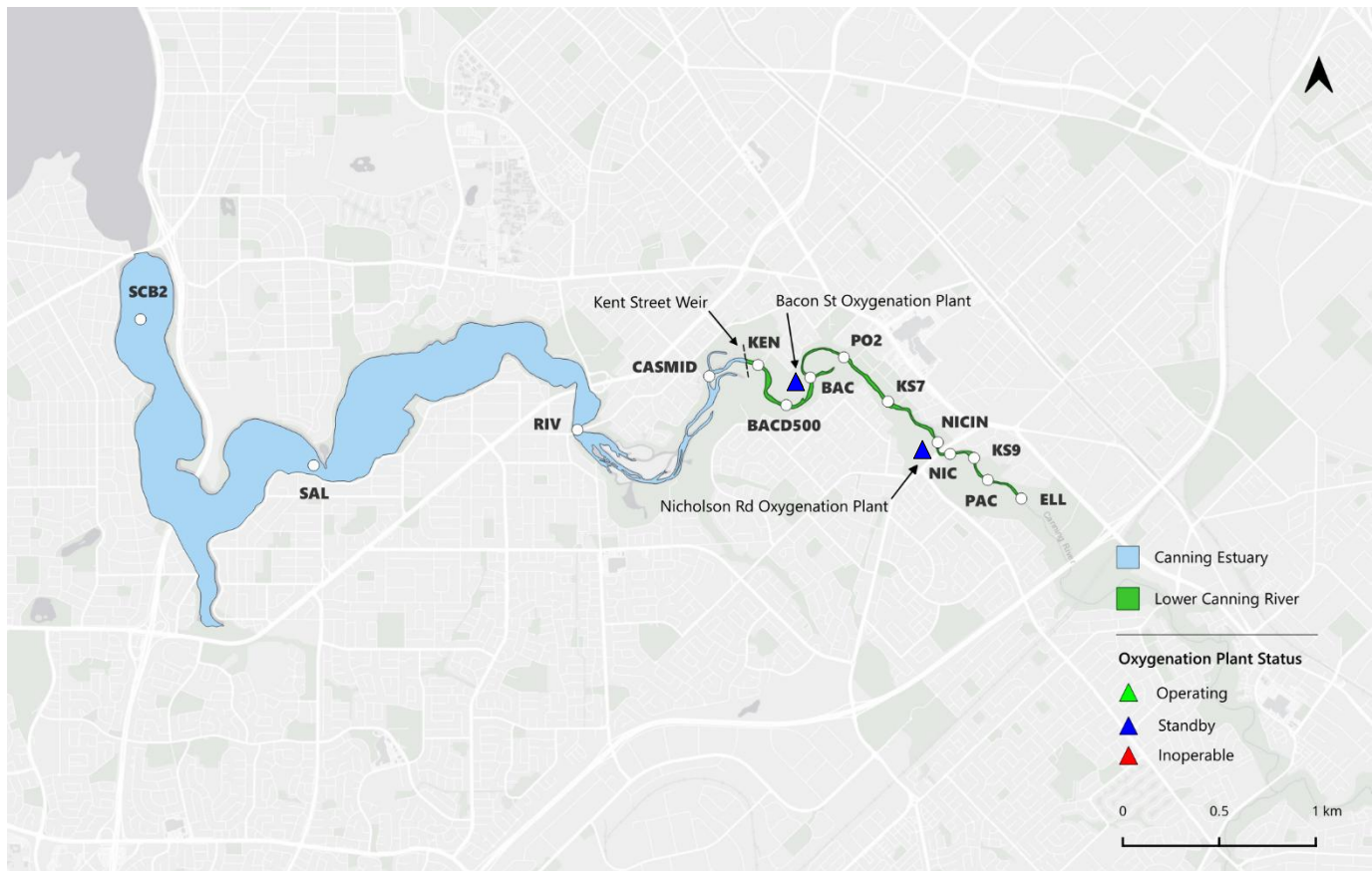
Monitoring conducted on Whadjuk Noongar Country

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Photo – DBCA

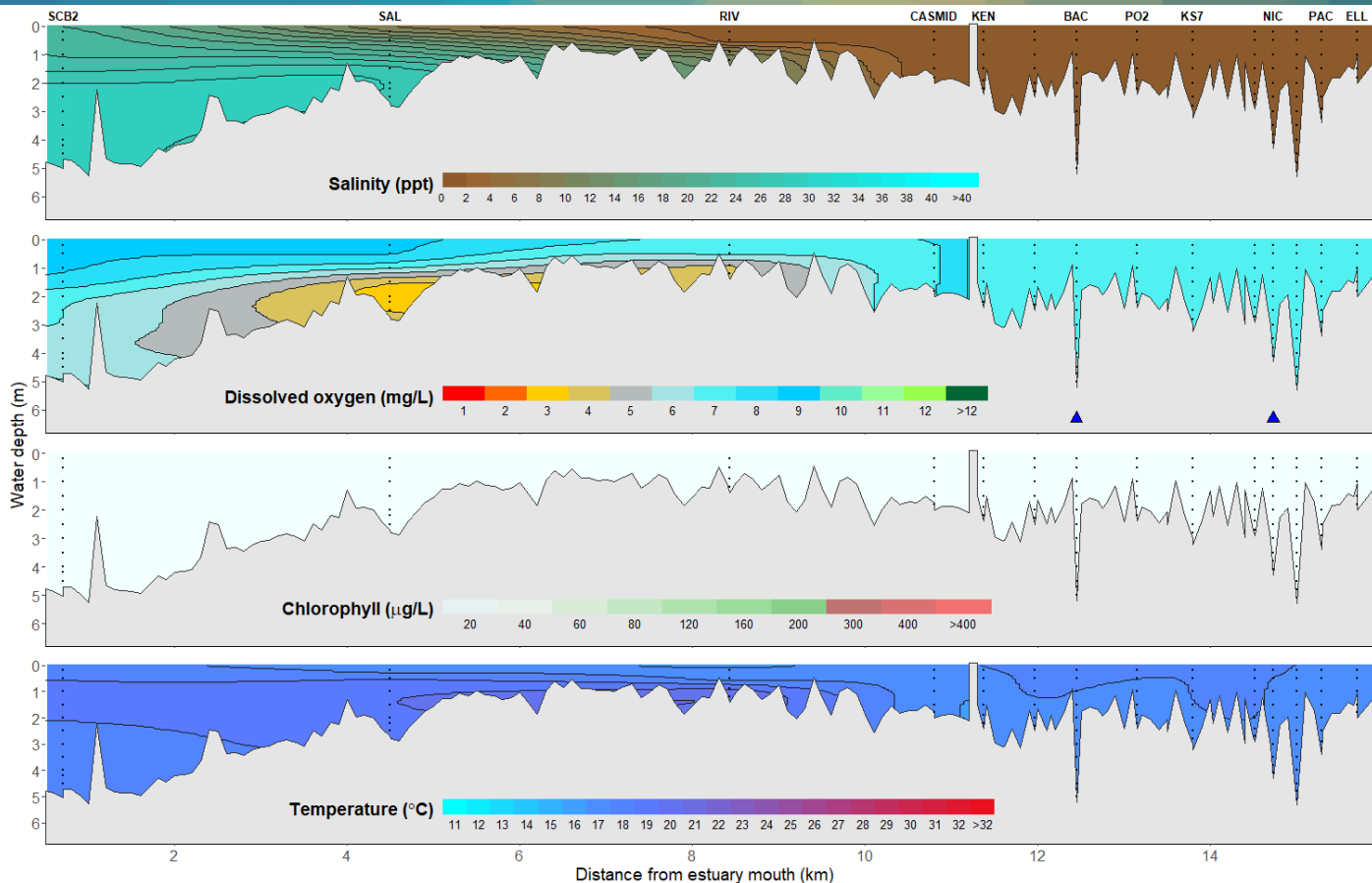
Djarlgarro water quality monitoring sites

1 September 2026



Djarlgarro water quality profile

1 September 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

1 September 2026

Canning Estuary: Waters were polyhaline at SCB2, mesohaline over polyhaline at SAL, oligohaline over mesohaline at RIV, and fresh at CASMID. Waters were oxygenated to well oxygenated, except for bottom waters from SAL to RIV which were low in oxygen. Chlorophyll fluorescence was low throughout, and water temperatures ranged from 16.3 to 19.9 °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 16.1 to 17.7 °C.

Season			
Djilba		First spring	
Predicted tides ¹			
Low Tide		High Tide	
0.78 m	9:05 am	0.82 m	2:15 pm

Recorded weather conditions	
Skies	Cloudy
Wind direction	E
Wind speed (max)	4 knots
Air temperature ² (max)	19.2 °C
Rainfall ² (in week prior)	18 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 1 September 2026.
2. BOM (Bureau of Meteorology) (2026) [Perth Western Australia Daily Weather Observations](#), BOM, accessed 1 September 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, 1 September 2026*. Rivers and Estuaries Science (<https://www.dbca.wa.gov.au/management/swan-canning-riverpark/swan-canning-riverpark-water-quality-monitoring>)