

Djarlgarro

Canning waterway

Weekly water quality report
6 October 2026

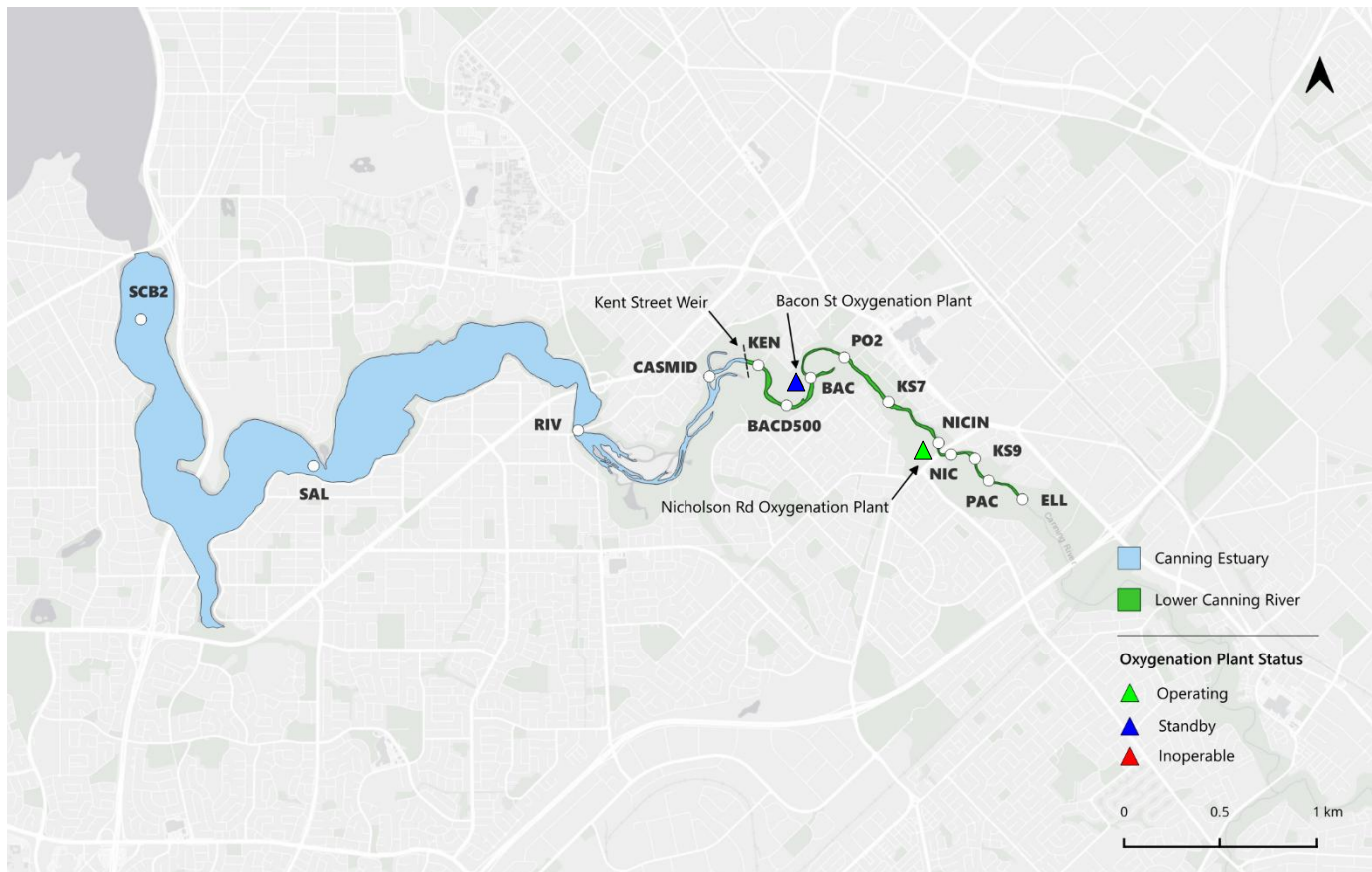
Monitoring conducted on Whadjuk Noongar Country

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Photo – DBCA

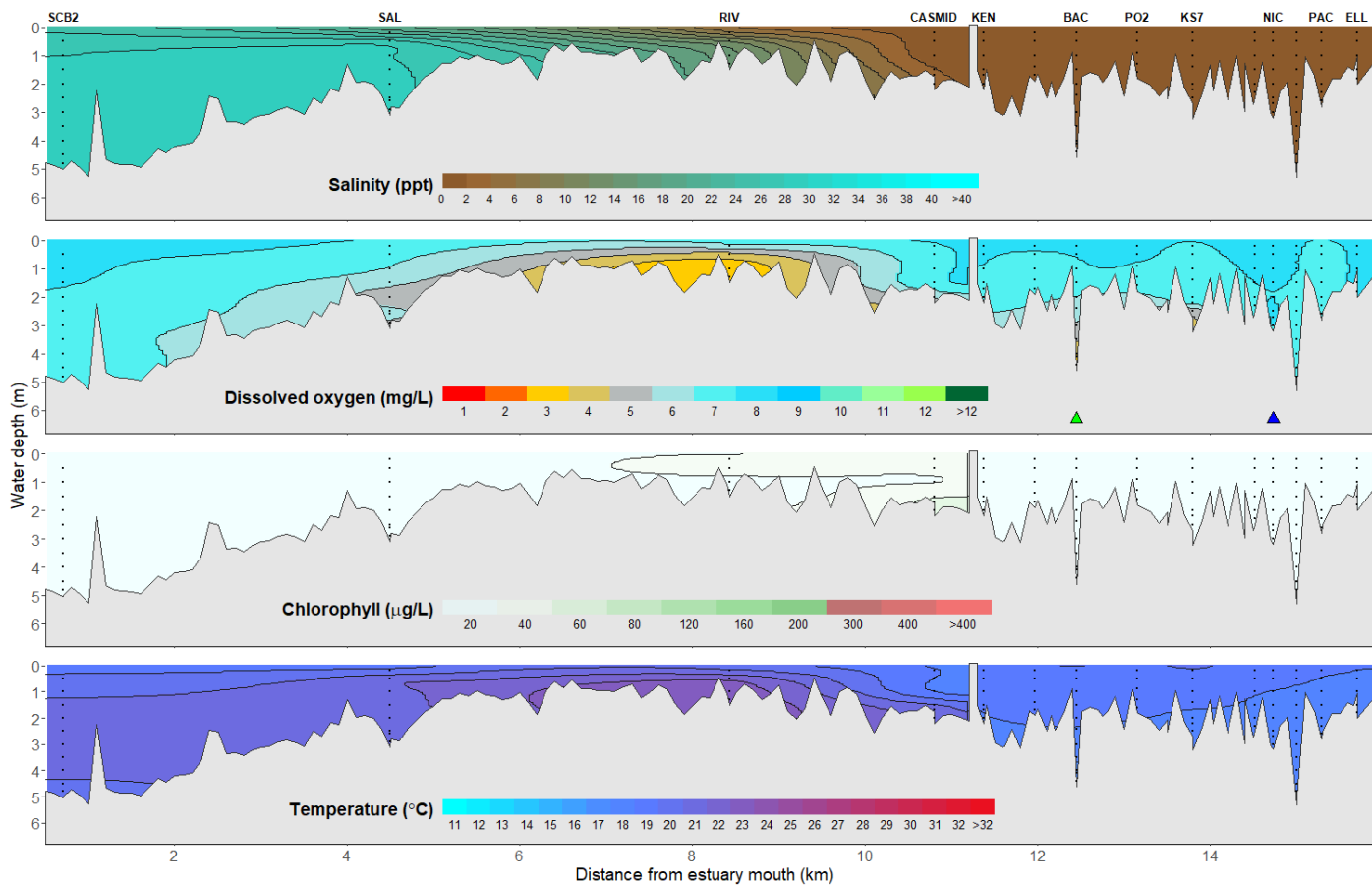
Djarlgarro water quality monitoring sites

6 October 2026



Djarlgarro water quality profile

6 October 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

6 October 2026

Canning Estuary: Conditions in the estuary were stratified from recent riverine flow. Salinity ranged from euhaline in the bottom waters of SCB2 to fresh in the surface waters of CASMID. Waters were oxygenated or well oxygenated, except for bottom waters at RIV, which were low in oxygen. Chlorophyll fluorescence was low and water temperatures ranged from 18.0 to 22.6 °C.

Lower Canning River: The river was flowing and waters were predominately fresh, except for bottom waters at KS9 which were oligohaline. Waters were oxygenated to well oxygenated, except for bottom waters at BAC which were low in oxygen. Chlorophyll fluorescence was low and water temperatures ranged from 16.9 to 19.2 °C.

Season			
Djilba		First spring	
Predicted tides ¹			
High Tide		Low Tide	
0.99 m	7:50 am	0.63	5:06 pm

Recorded weather conditions	
Skies	Cloudy
Wind direction	N
Wind speed (max)	1.9 knots
Air temperature ² (max)	28.2 °C
Rainfall ² (in week prior)	13.6 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 6 October 2026.
2. BOM (Bureau of Meteorology) (2026) [Perth Western Australia Daily Weather Observations](#), BOM, accessed 6 October 2026.
3. 'The Venice System for the Classification of Marine Waters According to Salinity', (1958) *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, 6 October 2026*. Rivers and Estuaries Science (<https://www.dbca.wa.gov.au/management/swan-canning-riverpark/swan-canning-riverpark-water-quality-monitoring>)