

Djarlgarro

Canning waterway

Weekly water quality report
30 September 2026

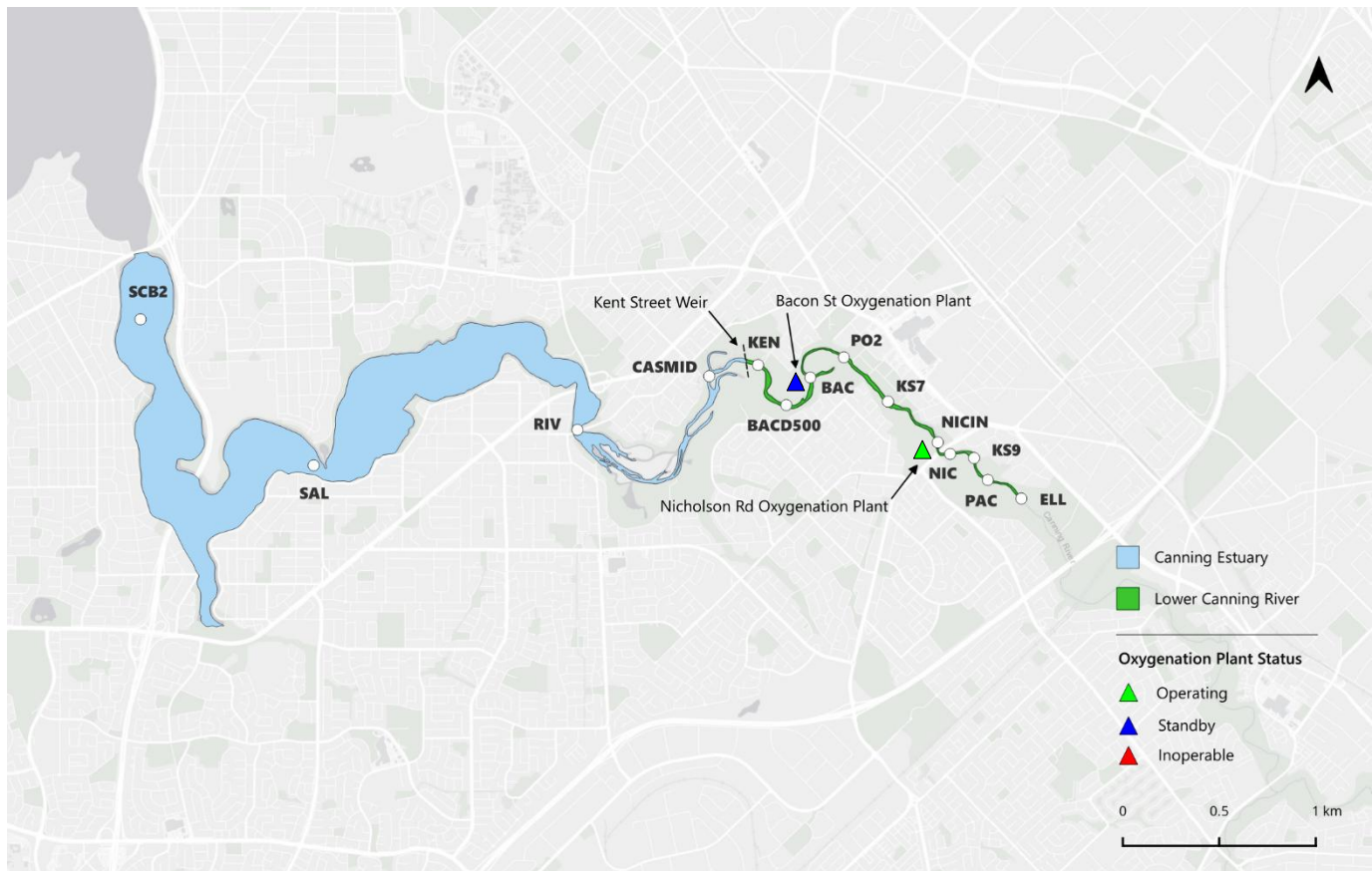
Monitoring conducted on Whadjuk Noongar Country

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Photo – DBCA

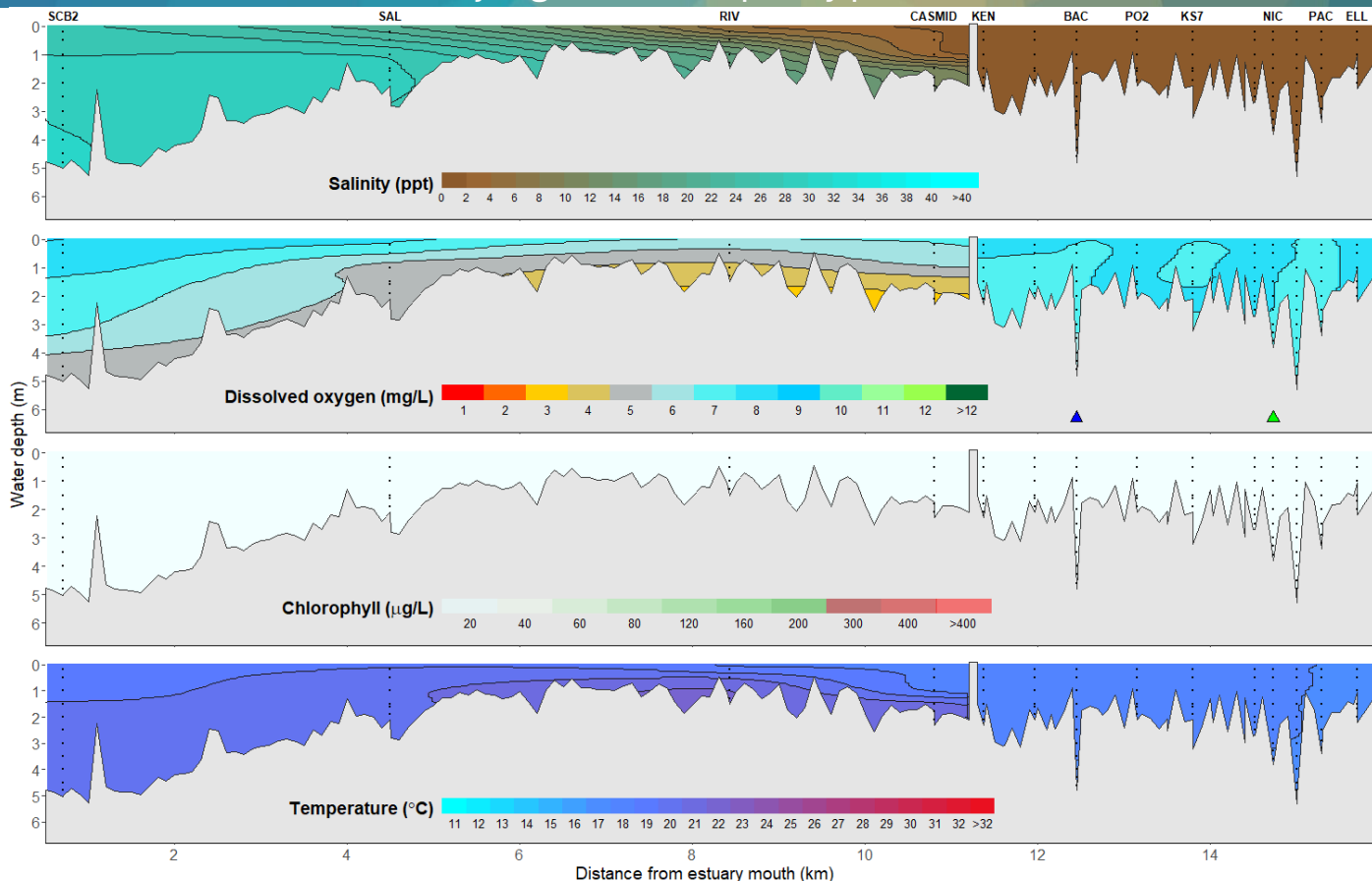
Djarlgarro water quality monitoring sites

30 September 2026



Djarlgarro water quality profile

30 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

30 September 2026

Canning Estuary: Conditions in the estuary were stratified from recent riverine flow. Salinity ranged from euhaline in the bottom waters of SCB2 to oligohaline in the surface waters of CASMID. Waters were oxygenated or well oxygenated, except for bottom waters at RIV and CASMID, which were low in oxygen. Chlorophyll fluorescence was low and water temperatures ranged from 17.7 to 21.0 °C.

Lower Canning River: The river was flowing and waters were predominately oligohaline and well oxygenated. Chlorophyll fluorescence was low and water temperatures ranged from 16.4 to 17.69 °C.

Season			
Djilba		First spring	
Predicted tides ¹			
High Tide		Low Tide	
1.09 m	12:51 am	0.62	10:43 pm

Recorded weather conditions	
Skies	Overcast
Wind direction	S
Wind speed (max)	4.3 knots
Air temperature ² (max)	19.1 °C
Rainfall ² (in week prior)	14.2 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 30 September 2026.
2. BOM (Bureau of Meteorology) (2026) [Perth Western Australia Daily Weather Observations](#), BOM, accessed 30 September 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, 30 September 2026*. Rivers and Estuaries Science (<https://www.dbca.wa.gov.au/management/swan-canning-riverpark/swan-canning-riverpark-water-quality-monitoring>)