Djarlgarro

Canning waterway

Weekly water quality report

12 August 2026

Monitoring conducted on Whadjuk Noongar Country

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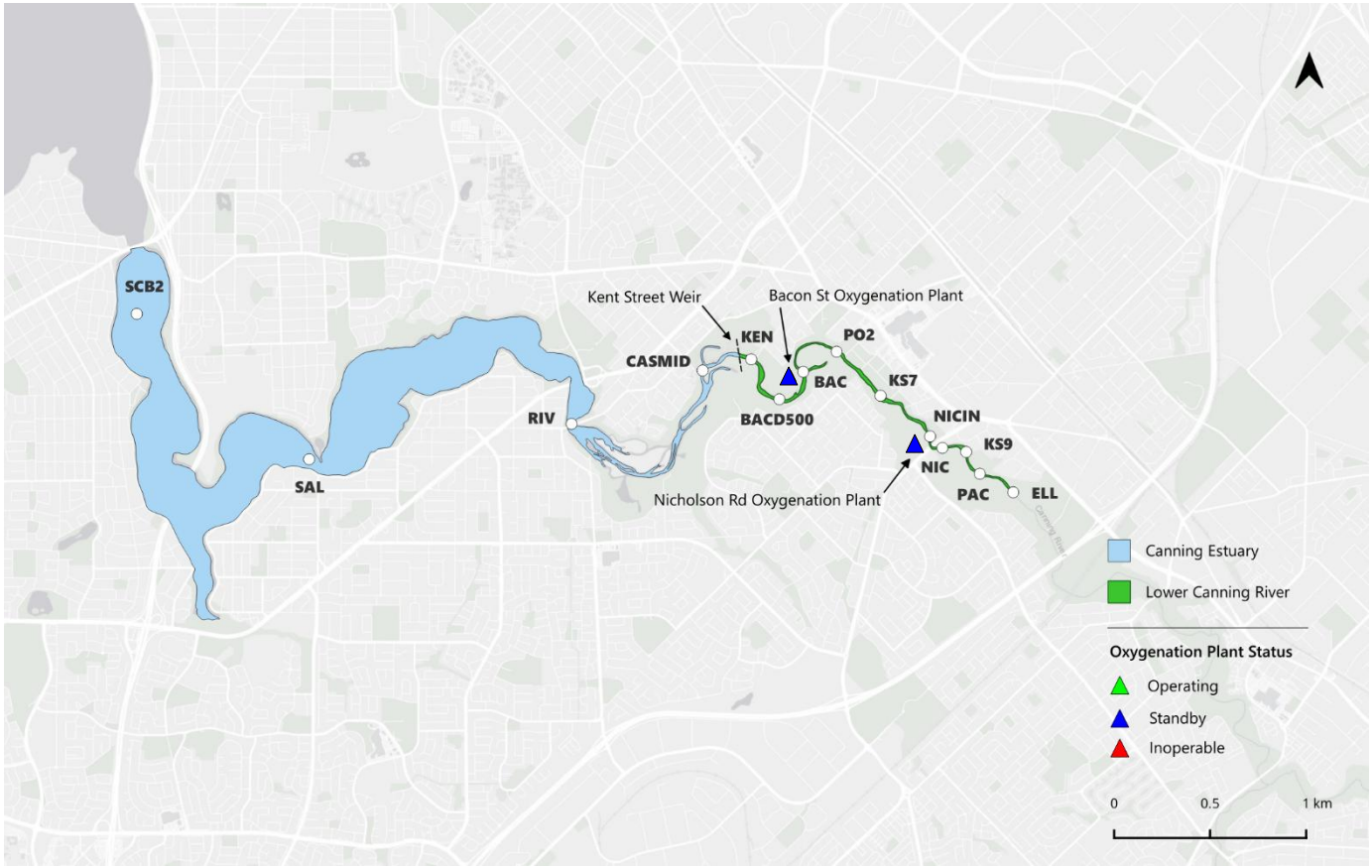
Department of Biodiversity, Conservation and Attractions

Photo – DBCA

Djarlgarro water quality monitoring sites

12 August 2026



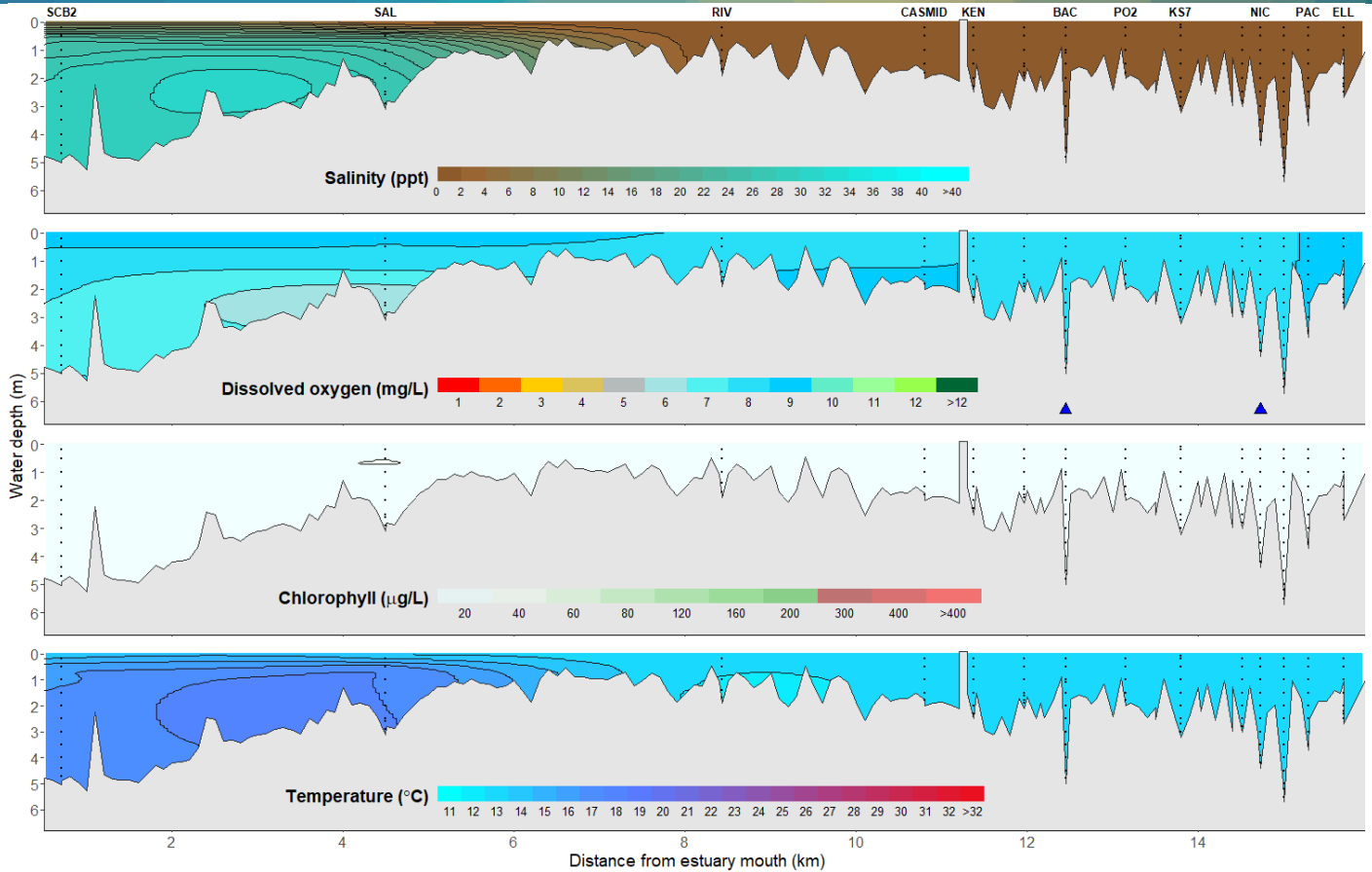
Department of Biodiversity, Conservation and Attractions

GOVERNMENT OF WESTERN AUSTRALIA

Biodiversity and Conservation Science

Djarlgarro water quality profile

12 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

12 August 2026

Canning Estuary: Waters were mesohaline over polyhaline from SCB2 to SAL and fresh from RIV to CASMID. Waters were oxygenated or well oxygenated, and chlorophyll fluorescence was low. Water temperatures ranged from 11.6 to 17.1 ˚C.

Lower Canning River: The river was flowing and conditions were fresh with well oxygenated waters and low chlorophyll fluorescence. Water temperatures ranged from 12.4 to 12.8 ˚C.

NB: *Sampling was delayed by one day due to inclement weather on the 10th impacting routine sampling.*

Season	
Djilba	First spring

Predicted tides[1]			
High Tide		**Low Tide**	
1.31 m	12:32 am	0.74 m	11:02 pm

Recorded weather conditions	
Skies	Clear
Wind direction	NW
Wind speed (max)	2.6 knots
Air temperature[2] (max)	18.7 °C
Rainfall[2] (in week prior)	56.2 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 12 August 2026.
2. BOM (Bureau of Meteorology) (2026) Perth Western Australia Daily Weather Observations, BOM, accessed 12 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, 12 August 2026.* Rivers and Estuaries Science (https://www.dbca.wa.gov.au/management/swan-canning-riverpark/swan-canning-riverpark-water-quality-monitoring)