

Djarlgarro

Canning waterway

Weekly water quality report

10 November 2026

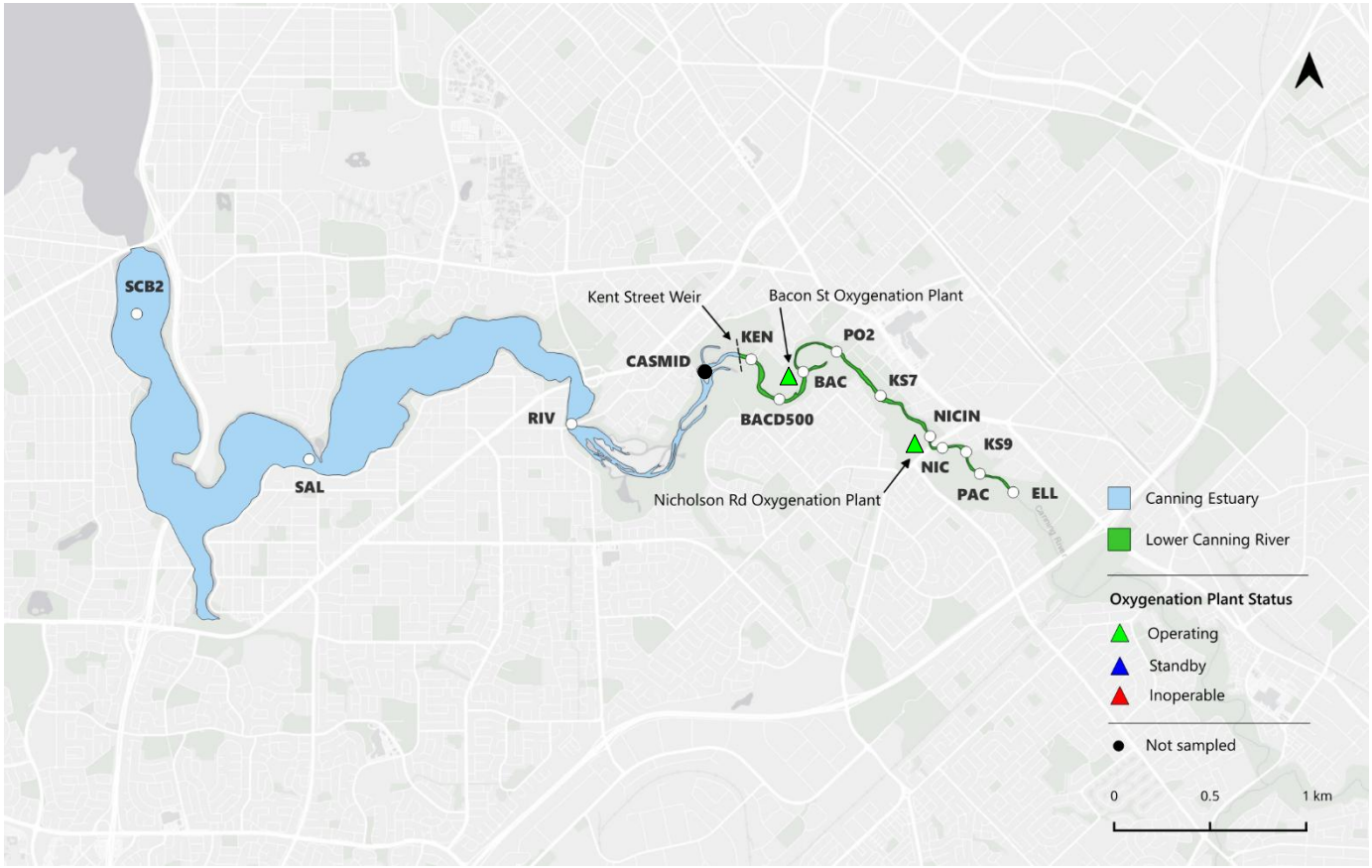
Monitoring conducted on Whadjuk Noongar Country

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Photo – DBCA

Djarlgarro water quality monitoring sites

10 November 2026



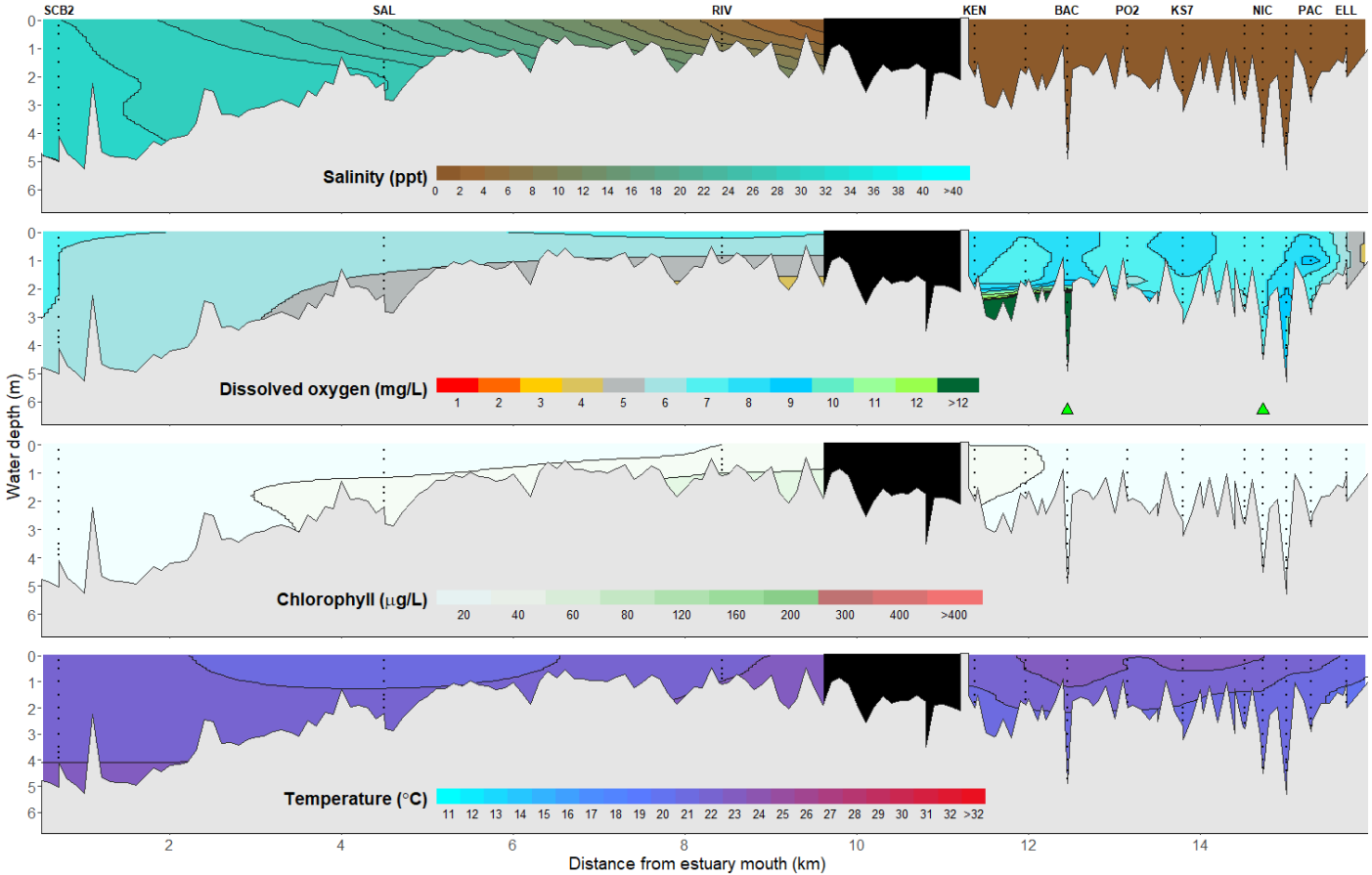
Department of Biodiversity, Conservation and Attractions

GOVERNMENT OF WESTERN AUSTRALIA

Biodiversity and Conservation Science

Djarlgarro water quality profile

10 November 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

10 November 2026

Canning Estuary: Salinity transitioned from euhaline to polyhaline to mesohaline at SCB2, SAL and RIV, respectively. Waters were oxygenated or well oxygenated and chlorophyll fluorescence was low, indicating low phytoplankton activity. Water temperatures ranged from 20.4 to 22.0˚C.

Lower Canning River: Waters were fresh and oxygenated to well oxygenated. Chlorophyll fluorescence was low and water temperatures ranged from 19.6 to 22.9˚C.

NB: *CASMID was not sampled this week due to very low tides preventing site access.*

Season	
Kambarang	Second spring

Predicted tides[1]			
Low Tide		**High Tide**	
0.58 m	9:12 am	1.14 m	11:15 pm

Recorded weather conditions	
Skies	Clear
Wind direction	E
Wind speed (max)	13.8 knots
Air temperature[2] (max)	27.7 °C
Rainfall[2] (in week prior)	0 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 10 November 2026.
2. BOM (Bureau of Meteorology) (2026) Perth Western Australia Daily Weather Observations, BOM, accessed 10 November 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, 10 November 2026.* Rivers and Estuaries Science (https://www.dbca.wa.gov.au/management/swan-canning-riverpark/swan-canning-riverpark-water-quality-monitoring)