

Djarlgarro

Canning waterway

Weekly water quality report
7 July 2026

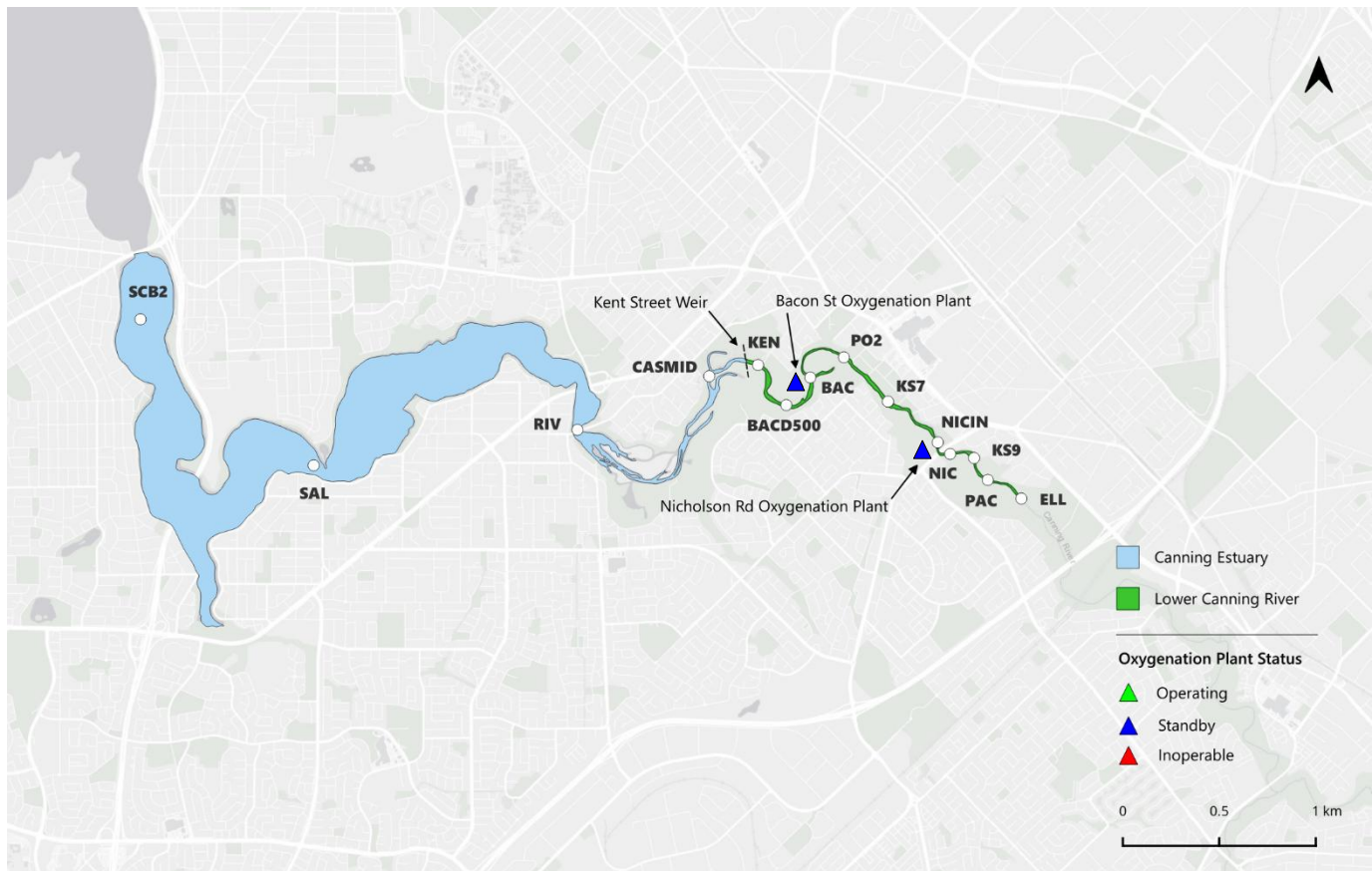
Monitoring conducted on Whadjuk Noongar Country

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Photo – DBCA

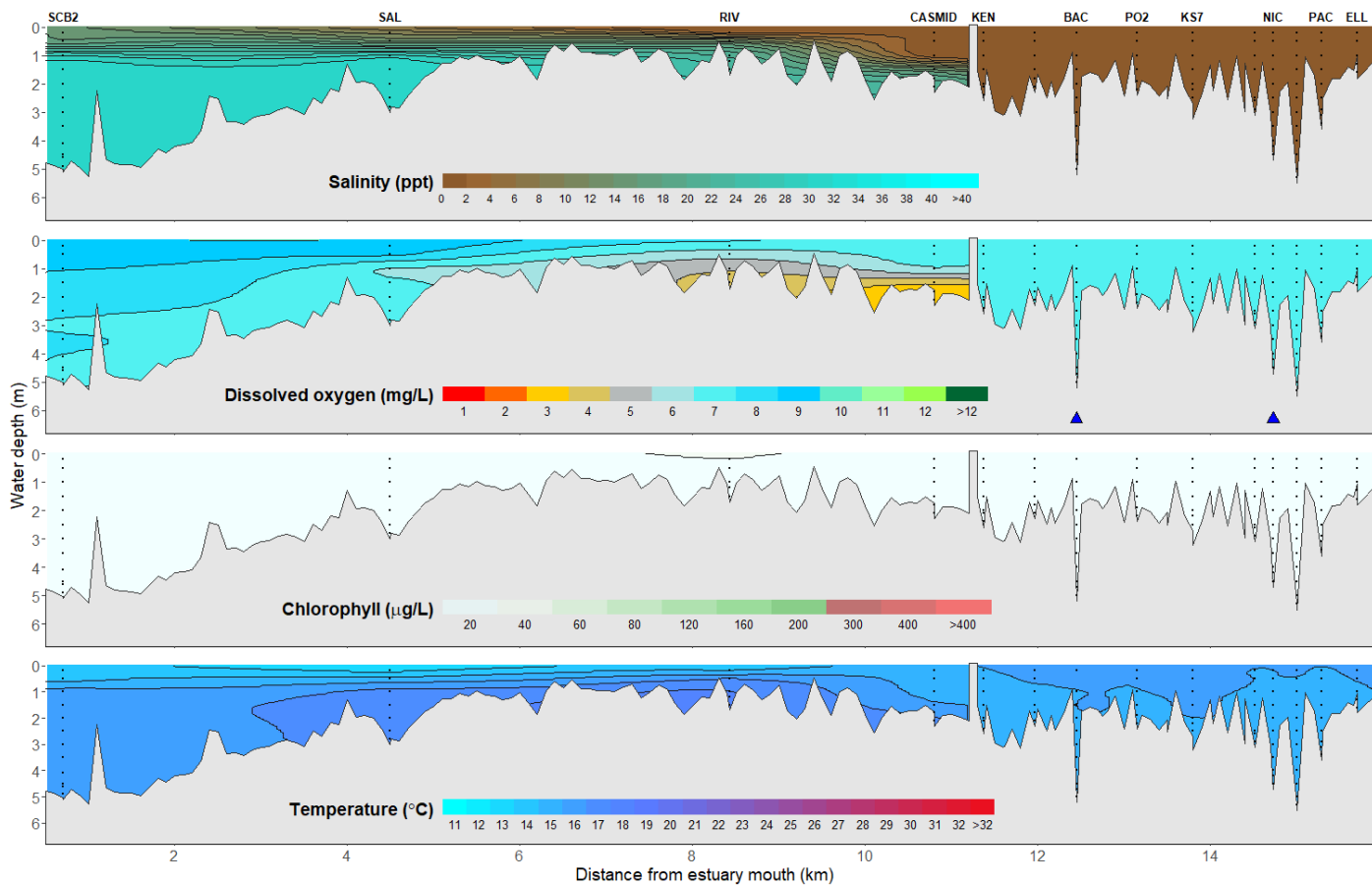
Djarlgarro water quality monitoring sites

7 July 2026



Djarlgarro water quality profile

7 July 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

7 July 2026

Canning Estuary: Freshwater flow from recent rainfall has resulted in significant stratification across this zone. Conditions ranged from oligohaline in the surface waters of CASMID, to euhaline in the bottom waters of SCB2. Low oxygen was detected from RIV to CASMID, where the degree of stratification was highest. Chlorophyll fluorescence was low, indicating low phytoplankton activity. Water temperatures ranged from 12.9 to 17.2 °C.

Lower Canning River: The river was flowing as freshwater from recent rainfall flushed through the system. This zone was well mixed, with well-oxygenated waters and low chlorophyll fluorescence throughout. Water temperatures ranged from 14.8 to 15.5 °C.

Season			
Makuru		Winter	
Predicted tides ¹			
High tide		Low tide	
1.04 m	6:11 am	0.86 m	9:00 pm

Recorded weather conditions	
Skies	Clear
Wind direction	E
Wind speed (max)	4.2 knots
Air temperature ² (max)	Station error, not recorded
Rainfall ² (in week prior)	19.2 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 7 July 2026.
2. BOM (Bureau of Meteorology) (2026) [Perth Western Australia Daily Weather Observations](#), BOM, accessed 7 July 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*, 7 July 2026. Rivers and Estuaries Science (<https://www.dbca.wa.gov.au/management/swan-canning-riverpark/swan-canning-riverpark-water-quality-monitoring>)