



# Swan Canning Estuary Water Quality Monitoring Project

## Weekly Water Quality Report

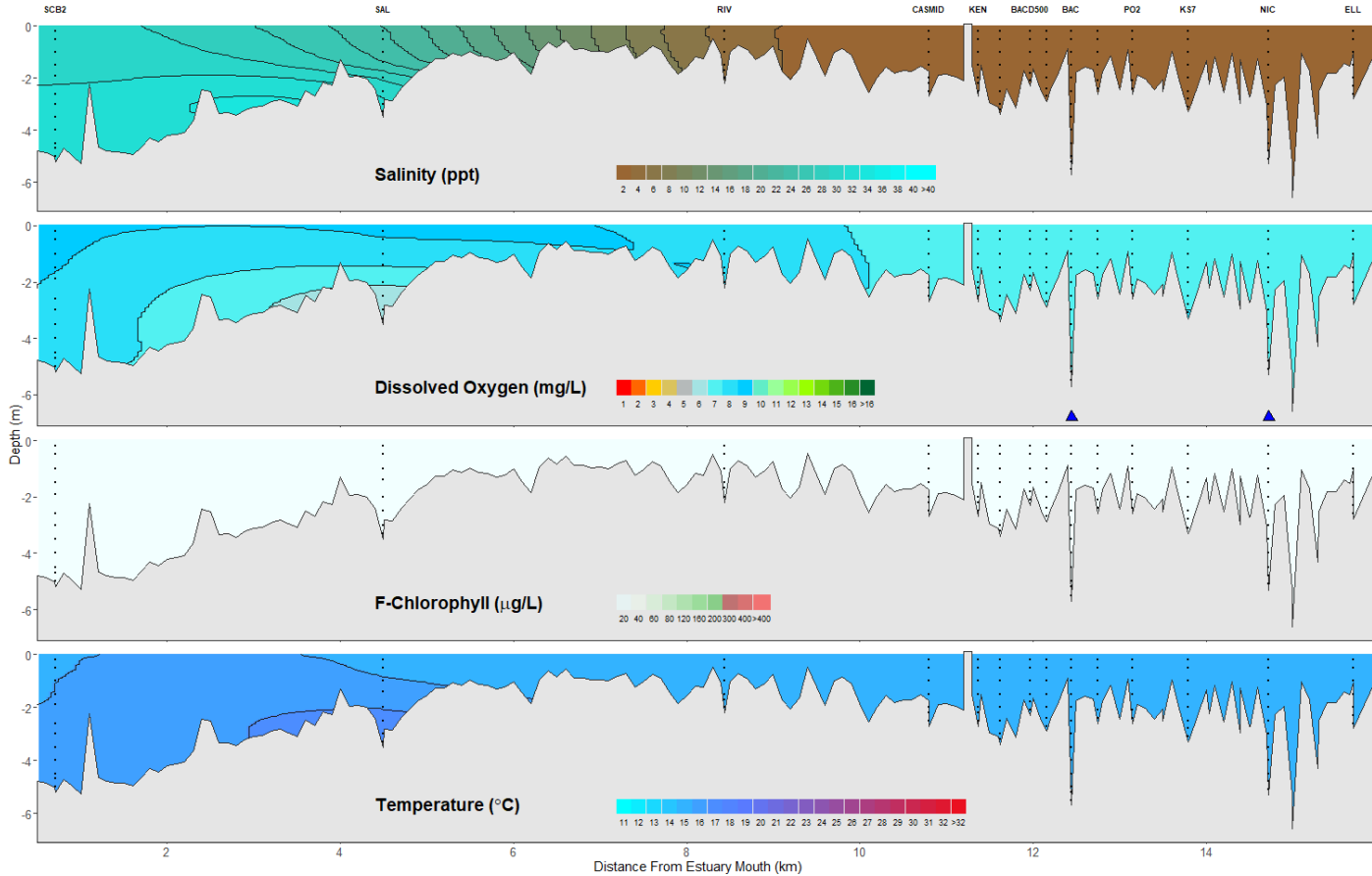
### Canning Estuary and Lower Canning River

30 June 2026

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# Canning Estuary and Lower Canning River - Water Quality Profiles – 30 June 2026



Date: 30 June 2026

Weather & tide conditions: Conditions were stormy with a variable breeze up to 16 knots. The predicted tides at Barrack St were 1.31 m at 11:13 am (high tide) and 0.73 m at 21:37 pm (low tide). Perth recorded 53.4 mm of rain in the week prior to sampling (Bureau of Meteorology).

Oxygenation: The Nicholson Rd and Bacon St oxygenation plants were operable but not triggered to operate during this period.

Canning Estuary (SCB2 to CASMID): The Canning Estuary was saline at SCB2, brackish over saline at SAL and fresh from RIV to CASMID. Waters were oxygenated to well-oxygenated throughout. Chlorophyll fluorescence was low throughout and water temperatures ranged from 14.2 to 16.2 °C.

Lower Canning River (KEN to ELL): The Lower Canning River was fresh and waters were well-oxygenated. Chlorophyll fluorescence was low and water temperatures ranged from 14.8 to 14.9 °C. NICIN, KS9, and PAC were not sampled this week.

NB: Profile plots are visual interpolations of measured parameters only. Detailed data are available at [wir.water.wa.gov.au](http://wir.water.wa.gov.au).

**Oxygenation Plant Operational Status:**

- ▲ Operating for part or all of the 24 hours prior to sampling
- ▲ Operable but not triggered to operate in the 24 hours prior to sampling
- ▲ Inoperable for part or all of the 24 hours prior to sampling

**Definitions:**

Salinity – fresh <5, brackish 5-25, saline 25-35, hypersaline >36  
Dissolved oxygen – well-oxygenated >6 mg L<sup>-1</sup>, oxygenated >4-6 mg L<sup>-1</sup>, low oxygen >2-4 mg L<sup>-1</sup>, hypoxic 0.5-2 mg L<sup>-1</sup>, anoxic <0.5 mg L<sup>-1</sup>  
Chlorophyll fluorescence (low flow): low < 50 µg L<sup>-1</sup>, moderate 50-150 µg L<sup>-1</sup>, high 150-400 µg L<sup>-1</sup>, extreme > 400 µg L<sup>-1</sup>