



Department of  
Parks and Wildlife



SWAN CANNING  
RIVERPARK

**Environmental Monitoring and Reporting  
Canning River Estuary ~ Weekly profile**

**by  
Water Science Branch, Department of Water**

Date: Wednesday 30<sup>th</sup> September 2015

Weather & tide conditions: Conditions were fine with up to 75% cloud cover and north east to south easterly breeze of up to 3 knots. The tide was ebbing for the duration of the sampling period. Perth recorded 0 mm of rainfall during the week prior to the morning of sampling (Bureau of Meteorology).

Oxygenation: The Bacon Street, Camsell Way and Nicholson Road oxygenation plants were not operational the week prior to sampling.

Canning Estuary (downstream of Kent St Weir): Water was well oxygenated to oxygenated and brackish to saline at SCB2 and SAL, oxygenated to low oxygen and brackish throughout at RIV and well oxygenated to low oxygen and fresh to brackish at CASMID. Water temperature ranged from 19.4 to 21.3 °C.

Lower Canning River (upstream of Kent St Weir): Water was fresh throughout with well oxygenated surface water over oxygenated bottom water at KEN and ELL, well oxygenated over hypoxic at BAC and well oxygenated over low oxygen at NIC. Water temperature ranged from 17.5 to 20.4 °C.

**Definitions:**

Salinity – fresh <5ppt, brackish 5-25ppt, saline 25-35ppt, hypersaline >35ppt

Dissolved oxygen – well oxygenated >6 mg/L  
oxygenated >4 to 6 mg/L, low oxygen >2 to 4 mg/L,  
hypoxic >0.5 to 2.0 mg/L, near anoxic <0.5 mg/L

# Canning River Estuary - Physical-chemical Profile - 30th September 2015

