



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: Tuesday 4<sup>th</sup> August 2015

Weather & tide conditions: Conditions were overcast with up to 80% cloud cover and a south easterly breeze of up to 4 knots. The tide was flowing for the duration of the sampling period. Perth recorded 24.2 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 operational the week prior to sampling.

Canning Estuary (downstream of Kent St Weir): The Canning Estuary was brackish over saline at SCB2 and SAL, and fresh over brackish at RIV. Water was well oxygenated and oxygenated at all sites. Water temperature ranged from 13.0 to 17.2 °C.

Lower Canning River (upstream of Kent St Weir): The Lower Canning River was fresh and well oxygenated at all sites. Water temperature ranged from 12.9 to 14.1 °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 - 4th August 2015

