



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 25<sup>th</sup> October 2016

Weather & tide conditions: Conditions were fine with up to 100% cloud cover and a westerly breeze of up to 1 knot. The tide was flowing for the duration of the sampling period. Perth recorded 2.6 mm of rainfall during the week prior to the morning of sampling (Bureau of Meteorology).

Oxygenation: The Nicholson Road oxygenation plant was operational the week prior to sampling, the Bacon Street oxygenation plant was not operational.

Canning Estuary (downstream of Kent St Weir): The Canning Estuary was brackish throughout SCB2 and SAL and fresh over brackish at RIV and CASMID. Water was well oxygenated to oxygenated at SCB2 and RIV and well oxygenated over low oxygen at SAL and CASMID. Water temperature ranged from 17.7 to 20.6 °C.

Lower Canning River (upstream of Kent St Weir): The Lower Canning River was fresh and well oxygenated to oxygenated throughout all sites. Water temperature ranged from 15.7 to 18.7 °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 - 25th October 2016

