



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 4th January 2017

Oxygenation: The Nicholson Road and Bacon Street oxygenation plants were operational the week prior to sampling.

Canning Estuary (downstream of Kent St Weir): The Canning Estuary was saline at all sites, with the exception of brackish surface water at RIV. Water was well oxygenated to oxygenated at all sites. Water temperature ranged from 24.2 to 30.1 ° C.

Lower Canning River (upstream of Kent St Weir): The Lower Canning River was fresh throughout all sites. Water was well oxygenated to oxygenated at all sites, with the exception of hypoxic to near anoxic bottom water at PAC and KS9, and low oxygen bottom water at KENU300 and KEN. Water temperature ranged from 21.7 to 27.6 ° 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 January 2017

