



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 12th April 2016

Weather & tide conditions: Conditions were overcast with up to 100% cloud cover and a predominately north easterly breeze of up to 3 knots. The tide was flooding for the duration of the sampling period. Perth recorded 16.4 mm of rainfall during the week prior to the morning of sampling (Bureau of Meteorology).

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

Canning Estuary (downstream of Kent St Weir): The Canning Estuary was hyper saline throughout, well oxygenated throughout at SCB2 and oxygenated to oxygenated at SAL. Water temperature ranged from 20.3 to 21.1 ° C.

Lower Canning River (upstream of Kent St Weir): The Lower Canning River was fresh throughout. Water was oxygenated due to low oxygen from KEN to just upstream of BAC. Water temperature ranged from 20.1 to 20.9 ° 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

