

West Arm and Woods Inlet

Summary

Water quality at the West Arm and Woods Inlet upper estuary monitoring sites was in excellent condition.

Nature of system

- Stream and riparian areas intact
- Large areas dry on spring tides in West Arm
- Extensive mangrove habitat and inter-tidal mudflats
- Minimal development in this region
- Most remote from development impacts within the Harbour, hence commonly considered as 'reference' condition
- Considered to have minimal pollution









Potential sources of pollution

- Sediment and nutrients from catchment diffuse sources during the wet season



*Sampling oysters (*Saccostrea cucullata*) for assessing micropollutant levels at a reef in West Arm. This area is commonly considered to be a "reference" area with minimal human impacts.*

West Arm and Woods Inlet marine water quality

Indicator and units	Water quality objective	Compliance
 pH	6–8.5	7.4–8.1 ✓
 Chlorophyll a (µg/L)	<4	1 ✓
 NOx (µg N/L)	<20	2 ✓
 Ammonia (µg N/L)	<20	6 ✓
 Total nitrogen (µg N/L)	<300	180 ✓
 Total phosphorus (µg P/L)	<30	10 ✓
 Filterable reactive phosphorus (µg P/L)	<10	4 ✓
Number of samples		16
2011 rating		
2010 rating (2009 data)		A
2009 rating (2001–2008 data)		nd
<p>Note¹: (nd). Limited or no data available Note²: (NA). Not applicable, no WQO developed No freshwater or biological sites are routinely monitored in this region because the freshwater section of the streams is very short and flows for only a very brief part of the year.</p>		