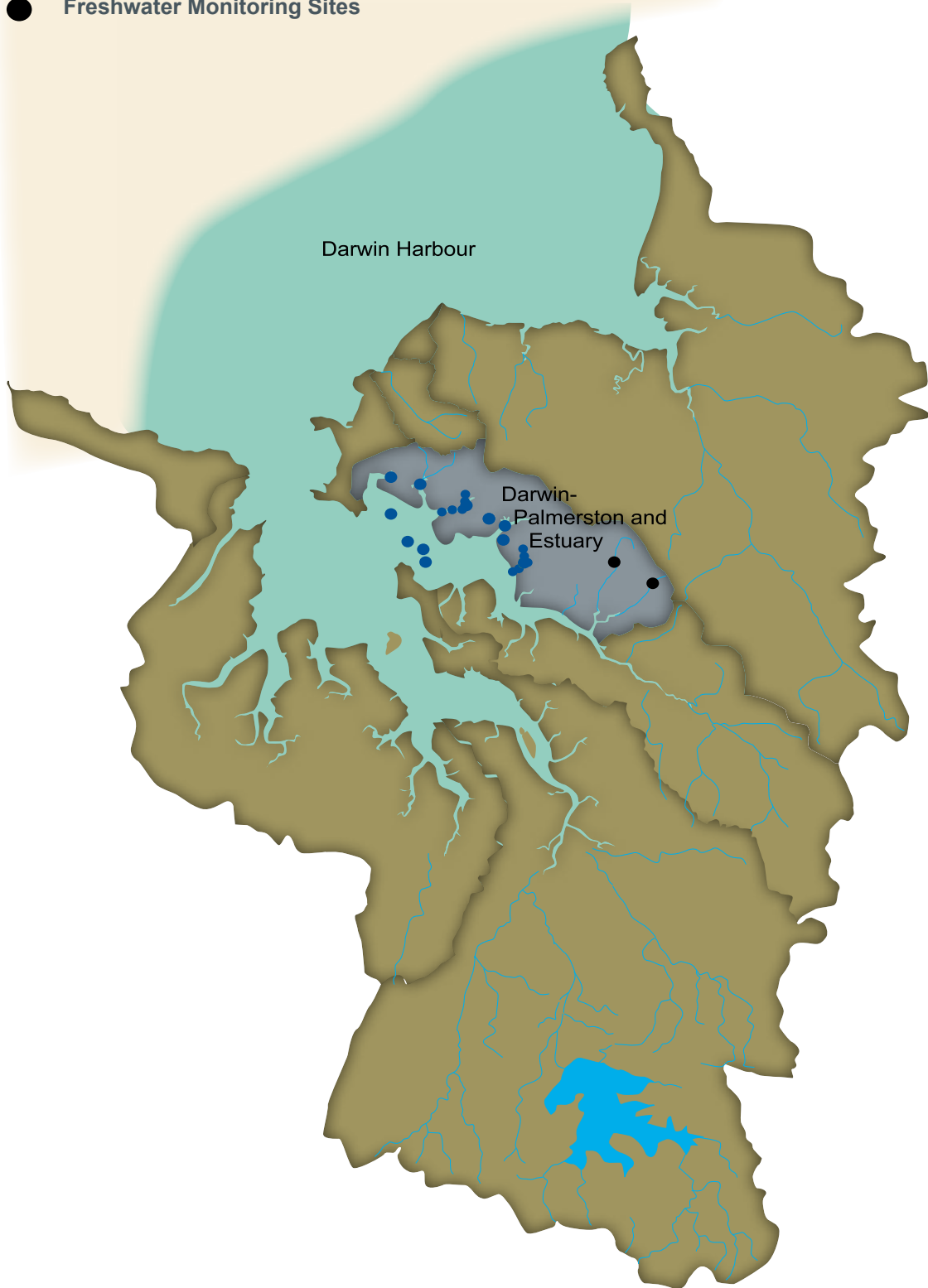








































- Marine Monitoring Sites
- Freshwater Monitoring Sites



Darwin-Palmerston freshwater and estuarine water quality

Indicator and units	Water quality objective freshwater	Compliance freshwater	Water quality objective marine	Compliance Darwin-Palmerston marine	Compliance Myrmidon Ck estuarine
 Electrical conductivity (µS/cm)	<200	86 	NA		
 Turbidity (NTU)	<20	153.5 	NA		
 pH	6.0–7.5	6.5-6.6 	6–8.5	7.4-7.9 	7.5-7.8 
 Dissolved oxygen (%)	50–100	93-96.5 	80–100	*	*
 Total suspended solids (mg/L)	<5	69 	<10	*	*
 Chlorophyll a (µg/L)	<2	1.5 	<4	2.93 	3.82 
 NOx (µg N/L)	<8	140 	<20	4 	7.5 
 Ammonia (µg N/L)	NA		<20	5 	8 
 Total nitrogen (µg N/L)	<230	145 	<300	300 	380 
 Total phosphorus (µg P/L)	<10	47.5 	<30	27.5 	45 
 Filterable reactive phosphorus (µg P/L)	<5	0.5 	<10	4 	13 
Number of samples		2		78	99
2012 grade					
2011 grade		A		A	**
2010 grade		A		A	D
2009 grade		A		B	**
Note (NA). Not applicable, no WQO developed * WQO currently under revision. ** No grade					

Freshwater compliance was constrained by the small sample number in 2012 and high results for the Mitchell Creek site which heavily skewed the data. Turbidity, Total Suspended Sediment and nutrients were high at the time of sampling.