



TABLE 14. INDICATORS OF CATCHMENT CONDITION IN THE CORANGAMITE REGION

Source: *National Land and Water Resources Audit, Australian Catchment, River and Estuary Assessment, 2002*

INDEX	MOORABOOL RIVER	BARWON RIVER	LAKE CORANGAMITE	OTWAY COAST
Salinity – Area-weighted mean salinity recorded at measuring stations within the catchment (EC Units)	2,485	1,628	6,242	682
Salinity –Upper Reaches	P	G	P	G
Salinity –Lower Reaches	P	P	P	G
Nutrient and Suspended Solids Loads Index	0.17	0.15	0.49	0.66
Catchment Disturbance Index	0.49	0.50	0.53	0.56
Hydrological Disturbance Index	0.75	-	0.53	0.88
Riparian Vegetation Index	-	0.52	0.30	1.00

Notes:

Salinity:

G = nearly always within WHO standards for potable supply (800 EC Units)

F = sometimes exceeds WHO standards for potable supply

P = frequently exceeds WHO standards for potable supply

Catchment Disturbance Index:

Score 0-1 reflecting the degree of land cover change (Score of 0 indicates 100% change in original land cover)

Hydrological Disturbance Index:

Based on changes to flow regimes from river regulation, flow diversion or extraction (Score of 1 indicates total disturbance of flow due to regulation/diversion)

Nutrients and Suspended Solids Loads Index:

Index based on changes to suspended sediment and total nutrient loads, and toxicant levels (Score of 1 indicates severely abnormal loads)

Riparian Vegetation Index:

<0.25 = riparian vegetation is badly degraded/modified

0.25 – 0.5 = riparian vegetation is substantially degraded/modified

0.50 to 0.75= some degradation/modification of riparian vegetation

>0.75 =riparian vegetation is in good condition.