

## Appendix J: Proposed Catchment Management Units

(See Appendix B for Acronyms)

Catchment Management Unit (CMU)	Main Catchments and Sub-catchments	Land and Resource Uses Uplands	Land and Resource Uses Lowlands	Downstream Values	Catchment Values	LANDSCAPE CONDITIONS	PRIORITIES FOR NATURAL RESOURCE MANAGEMENT AND CONSERVATION	Main Jurisdictions	Existing Community Processes
1 <b>Crystal Creek</b>	Crystal, Birthday, Ollera, Scrubby & Hencamp Cks.	<ul style="list-style-type: none"> <li>• Conservation</li> <li>• State forest</li> <li>• Tourism</li> </ul>	<ul style="list-style-type: none"> <li>• State Forest, grazing</li> <li>• Horticulture, cane</li> <li>• Small settlements</li> </ul>	GBRWHA Endangered ecosystem Seagrass beds Recreational	WTWHA, Recreation Water supply Freshwater swamps	Uplands: low modification Lowlands: weeds, cleared areas	<ul style="list-style-type: none"> <li>• Assessing land conditions &amp; capability</li> <li>• Protection of native vegetation</li> <li>• Protection of ecological connectivity</li> </ul>	<ul style="list-style-type: none"> <li>• CoT</li> <li>• DNR(Forestry)</li> <li>• EPA/WTMA/EA</li> <li>• TTWSB</li> </ul>	<ul style="list-style-type: none"> <li>• CRRP</li> <li>• Progress Assn</li> </ul>
2 <b>Northern Coast</b>	Rollingstone, Saltwater, Cassowary, Camp Oven, Lillypond, Leichardt, Cks	<ul style="list-style-type: none"> <li>• Conservation</li> <li>• State forest</li> <li>• Grazing</li> </ul>	<ul style="list-style-type: none"> <li>• State Forest</li> <li>• Horticult., cane, grazing</li> <li>• Recreation</li> <li>• Settlement</li> <li>• Aquaculture (restricted)</li> </ul>	GBRWHA Endangered ecosystem	Mt to coast connectivity, Recreation Forest resources	Uplands: low modification Lowlands: weeds, cleared areas, plantation	<ul style="list-style-type: none"> <li>• Protection of high connectivity values</li> <li>• Impacts from aquaculture</li> <li>• Management of multiple-use forest</li> </ul>	<ul style="list-style-type: none"> <li>• CoT</li> <li>• DNR(Forestry)</li> <li>• WTMA</li> <li>• EA</li> </ul>	<ul style="list-style-type: none"> <li>• CRRP</li> <li>• Progress Assn</li> </ul>
3 <b>Bluewater Creek</b>	Sleeper Log, Two Mile & Christmas, Bluewater, Deep, Healy & Althaus Creeks	<ul style="list-style-type: none"> <li>• Forest</li> <li>• Grazing</li> </ul>	<ul style="list-style-type: none"> <li>• Grazing</li> <li>• Settlements</li> <li>• Cane farming</li> </ul>	GBRWHA Fish habitats Wetlands	Ecosystem 'of concern' Good agricultural land	Weeds, erosion (banks), cleared areas	<ul style="list-style-type: none"> <li>• Assessing land conditions &amp; capability</li> <li>• Weeds</li> <li>• Protect aquatic systems; control exotic fish</li> <li>• Rural-residential land use</li> </ul>	<ul style="list-style-type: none"> <li>• CoT</li> <li>• DNR(Water)</li> <li>• DNR(Forestry)</li> <li>• EA</li> </ul>	<ul style="list-style-type: none"> <li>• Coastcare</li> <li>• Bird Observers</li> <li>• Progress Assns</li> </ul>
4 <b>Black River</b>	Black & Alice Rivers Log, Canal & Alick Cks	<ul style="list-style-type: none"> <li>• Conservation (Black R.)</li> <li>• Grazing (Alice R.)</li> </ul>	<ul style="list-style-type: none"> <li>• Grazing</li> <li>• Rural residential</li> <li>• Heavy industry</li> </ul>	GBRWHA Fish habitats Seagrass beds	Freshwater habitats Connectivity Wet Tropics areas Lowland rainforest	Riparian degraded Streambank erosion Weeds & feral pests Water quality	<ul style="list-style-type: none"> <li>• Protection of aquatic systems</li> <li>• Weeds</li> </ul>	<ul style="list-style-type: none"> <li>• CoT</li> <li>• DNR(Water)</li> <li>• EA</li> </ul>	<ul style="list-style-type: none"> <li>• Coastcare</li> <li>• Bird Observers</li> <li>• Progress Assns</li> </ul>
5 <b>Bohle River</b>	Little Bohle & Bohle Rivers, Stoney, Saunders, Middle Bohle, Mt Louisa Creeks	<ul style="list-style-type: none"> <li>• Grazing</li> <li>• Rural residential</li> </ul>	<ul style="list-style-type: none"> <li>• Urban</li> <li>• Rural residential</li> <li>• Sewage treatment plant</li> <li>• Light to heavy industry</li> </ul>	Fish habitats Town Common Seagrass beds Fisheries	Habitat connectivity Pinnacles Open space/recreation Town Common	Riparian very degraded Erosion (upper) Weeds Water quality Illegal dumping	<ul style="list-style-type: none"> <li>• Water Quality</li> <li>• Protection of riverine systems</li> </ul>	<ul style="list-style-type: none"> <li>• CoT</li> <li>• TCC</li> <li>• EPA</li> <li>• DPI</li> </ul>	<ul style="list-style-type: none"> <li>• RI VER (discont.)</li> <li>• Bird Observers</li> </ul>
6 <b>Ross River</b>	Ross River (below dam), Mt Louisa Creek (high flow)	<ul style="list-style-type: none"> <li>• Urban, rural residential</li> <li>• Sand extraction</li> <li>• Defence training</li> <li>• Grazing</li> </ul>	<ul style="list-style-type: none"> <li>• Urban</li> <li>• Light &amp; heavy industry</li> <li>• Open space</li> <li>• Port</li> </ul>	Town Common Dugong Sanctuary Seagrass beds GBRWHA Wetlands mosaic	Residential Open space Scenic Town Common	Highly modified Degraded areas Weeds	<ul style="list-style-type: none"> <li>• Urban &amp; industrial development</li> <li>• Urban stormwater / Water quality</li> <li>• Coastal Zone Use &amp; Development</li> <li>• Waste management</li> <li>• Riparian vegetation &amp; open space management</li> </ul>	<ul style="list-style-type: none"> <li>• TCC</li> <li>• TPA</li> <li>• GBRMPA/EA</li> <li>• Defence</li> </ul>	<ul style="list-style-type: none"> <li>• Landcare</li> <li>• RI VER/TBOC</li> <li>• Wildlife Carers</li> <li>• Coastcare</li> <li>• Cleveland Bay Cons.</li> </ul>
7 <b>Stuart Creek</b>	Stuart, Stoney & Sandfly Creeks	<ul style="list-style-type: none"> <li>• Rural residential</li> <li>• Grazing</li> <li>• Defence</li> </ul>	<ul style="list-style-type: none"> <li>• Residential</li> <li>• Industry (expanding)</li> <li>• Grazing</li> <li>• Aquaculture (disused)</li> </ul>	South Bank Complex GBRWHA Dugong Sanctuary Indigenous sites	Riparian gallery rainforest Instream connectivity	Woody weeds Cleared Built areas	<ul style="list-style-type: none"> <li>• Riparian vegetation</li> <li>• Industrial &amp; urban development</li> <li>• Water quality protection</li> </ul>	<ul style="list-style-type: none"> <li>• TCC</li> <li>• TPA</li> <li>• EA</li> </ul>	<ul style="list-style-type: none"> <li>• Stuart Creek Revegetation</li> </ul>
8 <b>Ross River Dam</b>	Ross River (above Dam) & tributaries, Sachs, Antill Plains, Four Miles & Six Miles Creeks	<ul style="list-style-type: none"> <li>• Defence training</li> <li>• Grazing</li> <li>• State forest</li> </ul>	<ul style="list-style-type: none"> <li>• Grazing</li> <li>• Water supply</li> </ul>	Potable water supply	Endangered species high diversity of macropods Defence training	Some erosion Woody weeds	<ul style="list-style-type: none"> <li>• Water quality</li> <li>• Weeds</li> <li>• Protection of riverine systems</li> </ul>	<ul style="list-style-type: none"> <li>• TTWSB</li> <li>• TCC</li> <li>• CoT</li> <li>• Defence</li> </ul>	<ul style="list-style-type: none"> <li>• Oak Valley Landcare</li> </ul>
9 <b>Alligator Creek</b>	Alligator, Slippery Rock, Whites, Killymoon, Crocodile & Cocoa Creeks	<ul style="list-style-type: none"> <li>• Conservation</li> <li>• Grazing</li> <li>• Rural residential</li> </ul>	<ul style="list-style-type: none"> <li>• Rural residential</li> <li>• Horticulture/ grazing</li> <li>• Heavy industry (restr.)</li> </ul>	Dugong Sanctuary Wetlands mosaic Indigenous sites	Bowling Green Bay N.P. Killymoon Creek Good agricultural land	Agricultural Woody weeds Uplands undisturbed (NP)	<ul style="list-style-type: none"> <li>• Plans for further heavy industry</li> <li>• Protection of seagrass beds &amp; wetlands</li> <li>• Horticulture irrigation - salinity risk</li> </ul>	<ul style="list-style-type: none"> <li>• TCC</li> <li>• EPA</li> <li>• TPA</li> </ul>	<ul style="list-style-type: none"> <li>• Landcare</li> <li>• Wildlife Carers</li> <li>• Cleveland Bay Consortium</li> </ul>
10 <b>Reid River</b>	Reid & upper Haughton Rivers	<ul style="list-style-type: none"> <li>• Defence training</li> <li>• Grazing</li> </ul>	<ul style="list-style-type: none"> <li>• Forest/conservation</li> <li>• Grazing</li> <li>• Extractive (disused)</li> </ul>	see CMU # 11 & 13	Endangered species Open woodland Mt Flagstone .	Some erosion Woody weeds	<ul style="list-style-type: none"> <li>• Assessing land conditions &amp; capability</li> <li>• Weeds</li> <li>• Vegetation management</li> </ul>	<ul style="list-style-type: none"> <li>• TCC</li> <li>• Dalrymple Shire</li> <li>• DNR(Forestry)</li> <li>• Defence</li> </ul>	<ul style="list-style-type: none"> <li>• -</li> </ul>
11 <b>Woodstock</b>	Spring, Double, Walkers, Double Barrel, Majors Cks, Serpentine Lag., middle Haughton R.	<ul style="list-style-type: none"> <li>• Conservation</li> </ul>	<ul style="list-style-type: none"> <li>• Horticulture/cane</li> <li>• Grazing</li> <li>• Rural residential</li> </ul>	Undisturbed freshwater habitats see CMU # 13	Serpentine Lagoon Water resources Mount Elliot N.P.	Weeds Uplands undisturbed (NP)	<ul style="list-style-type: none"> <li>• Plans for heavy industry &amp; cane</li> <li>• Land capability assessment</li> <li>• Wetlands/drought refuge protection</li> </ul>	<ul style="list-style-type: none"> <li>• TCC</li> </ul>	<ul style="list-style-type: none"> <li>• WAG</li> <li>• Bird Observers</li> </ul>
12 <b>Magnetic Island</b>	Gustav, Petersen, Alma, Gorge, Endeavour & Western Creeks	<ul style="list-style-type: none"> <li>• Conservation</li> </ul>	<ul style="list-style-type: none"> <li>• Conservation</li> <li>• Residential</li> <li>• Recreation/tourism</li> </ul>	GBRWHA	Indigenous culture conservation/tourism /lifestyle/recreation	Settled areas: weeds & drainage modification	<ul style="list-style-type: none"> <li>• Water quality</li> <li>• Coastal Zone Use &amp; Development</li> <li>• Protection of riverine systems</li> </ul>	<ul style="list-style-type: none"> <li>• TCC</li> <li>• EPA</li> <li>• GBRMPA/EA</li> </ul>	<ul style="list-style-type: none"> <li>• MI NCA</li> <li>• Cleveland Bay Consortium</li> </ul>
13 <b>Bowling Green Bay</b>	Reed Beds, Mackenzie, Emmet, StMargaret, Barrambush, Cromarty & Palm Cks, lower Haughton River	<ul style="list-style-type: none"> <li>• Conservation</li> </ul>	<ul style="list-style-type: none"> <li>• Sugar cane/grazing</li> <li>• Sand extraction</li> <li>• Beach settlement</li> <li>• Conservation</li> </ul>	Ramsar site Cromarty Wetlands Dugong Sanctuary Fish nursery GBRWHA	Cromarty Wetlands Bowling Green Bay N.P Agriculture	Wetlands Grasslands Weeds ( <i>Hymenacne</i> )	<ul style="list-style-type: none"> <li>• Protection of wetland systems</li> <li>• Assessing land conditions &amp; capability</li> </ul>	<ul style="list-style-type: none"> <li>• TCC</li> <li>• EPA</li> <li>• EA</li> </ul>	<ul style="list-style-type: none"> <li>• Cungulla Prog. Assn</li> <li>• Coastcare</li> <li>• Canegrowers</li> </ul>
14 <b>Cape Cleveland</b>	Cape Cleveland catchments	<ul style="list-style-type: none"> <li>• Conservation</li> </ul>	<ul style="list-style-type: none"> <li>• Conservation, Researc h</li> <li>• Beach settlement</li> <li>• Defence training</li> </ul>	Dugong Sanctuaries Cleveland Bay Bowling Green Bay	Bowling Green Bay N.P	Mostly undisturbed	<ul style="list-style-type: none"> <li>• Management of protected area</li> <li>• Fire regime</li> </ul>	<ul style="list-style-type: none"> <li>• EPA</li> <li>• TCC</li> <li>• TPA</li> </ul>	<ul style="list-style-type: none"> <li>• -Cungulla Prog. Assn</li> </ul>

DIVIDER BETWEEN 9 AND 13 GOES FROM SADDLE MT TO CAPE CLEVELAND ALONG THE AIMS ROAD; DIVIDER BETWEEN 11 AND 13 GOES FROM MT ELLIOT TO MAJORS CREEK MOUNTAINS