

Black / Ross Water Quality Improvement Plan (WQIP)

Magnetic Island Workshop – Tuesday 22 July 2008 (Arcadia)












Human Uses and Values of Waterways












Explanation












1. The accompanying table allows you to identify human uses/values i.e. Environmental Values (EVs), for specific waterways (freshwater and estuaries) on Magnetic Island and the adjacent coastal and marine waters (see map). The different human uses/values are shown across the top of the table (e.g. irrigation, stock watering, etc).
2. The workshop will proceed through each row in the table and will record, in turn, waterway uses/values for waters listed in the left hand column of the table (freshwaters, then estuaries, then marine waters). Workshop organisers will seek verbal input from workshop attendees, and will record this in a 'master copy' table (and, where helpful, also on maps). If participants have differing views from those expressed/agreed at the workshop, they can record these on their own table and hand in the table to organisers at the conclusion of the workshop.
3. As a minimum, we will be seeking to fill in human uses/values for all rows with grey shading.
4. Where requested by workshop attendees, waterway uses/values can be recorded at a more detailed scale, for example where particular uses are limited to specific waterways. The unshaded rows under each of the major [grey shaded] rows will be used, if necessary, for these more detailed listings.
5. In each cell, there is provision to record current uses/values and also any known future uses/values.
6. The method for recording level/importance of use is as follows:
 - H** – High importance/use;
 - M** – moderate importance/use;
 - L** – low importance/use;
 - X** – waterway use/value not selected (i.e. no use).

Workshop attendees will be given the opportunity to discuss the levels of importance of waterway uses/value before these are recorded.

7. This table focuses only on human uses and values. A **separate table** will record information on ecological values of aquatic ecosystems in the area.
8. Following the workshop we will prepare draft tables summarising the uses/values identified by participants and will send draft table outputs to workshop attendees for any feedback/correction.

Waterway	Irrigation	Farm supply	Stock watering	Aquaculture	Human consumer	Primary recreation	Secondary recreation	Visual appreciation	Drinking water	Industrial use	Cultural and spiritual values
	 (eg cane irrigation)	 (eg fruit packing, milking sheds)	 (eg cattle)	 (eg barramundi, red claw farm)	 (eg of wild or stocked fish, shellfish)	 (fully immersed in water eg swimming, snorkelling)	 (possibly splashed with water, eg sailing, fishing)	 (no contact with water, eg picnic, bush walking)	 (raw water supplies taken from river for drinking)	 (eg power generation, manufacturing)	 (note: additional consultations to occur with Traditional Owners)
	Now / future	Now / future	Now / future	Now / future	Now / future	Now / future	Now / future	Now / future	Now / future	Now /future	Now / future
Petersen Creek (Fresh)	/	/	/	/	/	/	/	/	/	/	/
Petersen Creek (Estuary)	/	/	/	/	/	/	/	/	/	/	/
Gorge Creek (Fresh)	/	/	/	/	/	/	/	/	/	/	/
Gorge Creek (Estuary)	/	/	/	/	/	/	/	/	/	/	/
Endeavour Creek (Fresh)	/	/	/	/	/	/	/	/	/	/	/
Endeavour Creek (Estuary)	/	/	/	/	/	/	/	/	/	/	/
	/	/	/	/	/	/	/	/	/	/	/
	/	/	/	/	/	/	/	/	/	/	/
	/	/	/	/	/	/	/	/	/	/	/
	/	/	/	/	/	/	/	/	/	/	/
	/	/	/	/	/	/	/	/	/	/	/
	/	/	/	/	/	/	/	/	/	/	/
	/	/	/	/	/	/	/	/	/	/	/
Near Coastal and Marine Waters											
All near coastal waters				/	/	/	/	/		/	/
Young Bay				/	/	/	/	/		/	/
Bolger Bay				/	/	/	/	/		/	/
Cockle Bay				/	/	/	/	/		/	/

Waterway	Irrigation	Farm supply	Stock watering	Aquaculture	Human consumer	Primary recreation	Secondary recreation	Visual appreciation	Drinking water	Industrial use	Cultural and spiritual values
	 (eg cane irrigation)	 (eg fruit packing, milking sheds)	 (eg cattle)	 (eg barramundi, red claw farm)	 (eg of wild or stocked fish, shellfish)	 (fully immersed in water eg swimming, snorkelling)	 (possibly splashed with water, eg sailing, fishing)	 (no contact with water, eg picnic, bush walking)	 (raw water supplies taken from river for drinking)	 (eg power generation, manufacturing)	 (note: additional consultations to occur with Traditional Owners)
	Now / future	Now / future	Now / future	Now / future	Now / future	Now / future	Now / future	Now / future	Now / future	Now /future	Now / future
Picnic Bay				/	/	/	/	/		/	/
Nelly Bay				/	/	/	/	/		/	/
Geoffrey Bay				/	/	/	/	/		/	/
Alma Bay				/	/	/	/	/		/	/
Arthur Bay				/	/	/	/	/		/	/
Gowrie Bay											
Florence Bay				/	/	/	/	/		/	/
Radical Bay				/	/	/	/	/		/	/
Balding Bay				/	/	/	/	/		/	/
Horseshoe Bay				/	/	/	/	/		/	/
Five Beach Bay				/	/	/	/	/		/	/
Rollingstone Bay				/	/	/	/	/		/	/
				/	/	/	/	/		/	/
				/	/	/	/	/		/	/
				/	/	/	/	/		/	/
West Channel				/	/	/	/	/		/	/
				/	/	/	/	/		/	/
				/	/	/	/	/		/	/
Cleveland Bay				/	/	/	/	/		/	/

Waterway	Irrigation  (eg cane irrigation)	Farm supply  (eg fruit packing, milking sheds)	Stock watering  (eg cattle)	Aquaculture  (eg barramundi, red claw farm)	Human consumer  (eg of wild or stocked fish, shellfish)	Primary recreation  (fully immersed in water eg swimming, snorkelling)	Secondary recreation  (possibly splashed with water, eg sailing, fishing)	Visual appreciation  (no contact with water, eg picnic, bush walking)	Drinking water  (raw water supplies taken from river for drinking)	Industrial use  (eg power generation, manufacturing)	Cultural and spiritual values  (note: additional consultations to occur with Traditional Owners)
	Now / future	Now / future	Now / future	Now / future	Now / future	Now / future	Now / future	Now / future	Now / future	Now /future	Now / future
				/	/	/	/	/		/	/
				/	/	/	/	/		/	/
Halifax Bay				/	/	/	/	/		/	/
				/	/	/	/	/		/	/
				/	/	/	/	/		/	/
Outer Marine				/	/	/	/	/		/	/
				/	/	/	/	/		/	/

Other comments:

Magnetic Island and Marine Waters Map



Waterway	Code	Waterway	Code
Retreat Creek	62	Gustav Ck	67
Chinamans Gully	63	Petersen Creek	68
Duck Creek	64	Gorge Creek	69
Ned Lee Creek	65	Endeavour Creek	70
Butler Creek	66		
Waterway	Code	Waterway	Code
Young Bay	M1	Florence Bay	M9
Bolger Bay	M2	Gowrie Bay	M9a
Cockle Bay	M3	Radical Bay	M10
Picnic Bay	M4	Balding Bay	M11
Nelly Bay	M5	Horseshoe Bay	M12
Geoffrey Bay	M6	Five Beach Bay	M13
Alma Bay	M7	Rollingstone Bay	M14
Arthur Bay	M8		