

























Table: Waterway uses/values in the **Mackenzie catchment**
(based on results from Dingo stakeholder workshop, held 4 March 2010)

Waterway	Waterway uses/values for Mackenzie waterways (✓ = present ✗ = absent) H = High M = Medium L = Low											
	Aquatic Ecosystem 	Irrigation  (e.g. cotton irrigation)	Farm use  (e.g. fruit packing, milking sheds)	Stock watering  (e.g. cattle)	Aquaculture  (e.g. barramundi, red claw farm)	Human consumer  (e.g. of wild or stocked fish, shellfish)	Primary recreation  (fully immersed in water e.g. swimming, snorkelling)	Secondary recreation  (possibly splashed with water, e.g. sailing, fishing)	Visual appreciation  (no contact with water, e.g. picnic, bush walking)	Drinking water  (raw water supplies taken from river for drinking)	Industrial use  (e.g. power generation, manufacturing)	Cultural and spiritual values  (e.g. traditional lore and customs)
MACKENZIE - undeveloped	✓	✗	✗?	✗ ✓ (L)	✗	✓	✓	✓	✓	✓?	✗	✓/
MACKENZIE - developed	See sub-catchment rows below											
14 – Northwestern tributaries (including Cattle, Sandy, Cooroora, Oaky, German, Roper, Carlo, Junee Cks) - excluding any dam/weir pools	✓	✗	✗	✓ (H)	✗	✓	✓	✓ (Bundoora Dam – high rec use)	✓	✓ (Bundoora Dam = mine and Middlemou nt drinking water, German Ck)	✓	✓
15 – Southern and Eastern tributaries (incl. Acheron , [map label should be Springton ??], Blackwater, Bridgewater, Bullock, Burngrove, Charlevue, Duckworth, Falldown, Kaiuroo, Lorraine, Middle, Springton, Stony, Strathconan, Ten Mile and Paddock and tribs on east side)												
15A – eastern edge Rookwood Range	✓	✗	✗ ✓?	✓	✗	✓	✓	✓	✓	✗?	✗	✓ (historic mine site Old Coach Rd)
15B – Duaringa, Blackwater	✓	✗	✗ ✓?	✓	✗	✓	✓	✓	✓	✗ ✓? (Dingo supply?)	✗ ✓?	✓

	Waterway uses/values for Mackenzie waterways (✓ = present ✕ = absent) H = High M = Medium L = Low											
Waterway	Aquatic Ecosystem  (e.g. cotton irrigation)	Irrigation  (e.g. fruit packing, milking sheds)	Farm use  (e.g. cattle)	Stock watering  (e.g. barramundi, red claw farm)	Aquaculture  (e.g. of wild or stocked fish, shellfish)	Human consumer  (fully immersed in water e.g. swimming, snorkelling)	Primary recreation  (possibly splashed with water, e.g. sailing, fishing)	Secondary recreation  (no contact with water, e.g. picnic, bush walking)	Visual appreciation  (raw water supplies taken from river for drinking)	Drinking water  (e.g. power generation, manufacturing)	Industrial use  (e.g. traditional lore and customs)	Cultural and spiritual values 
16 –Mackenzie main channel -Lakes Mary, McDonald - dams/weirs (Bedford, Bingegang, Tartus) - supplemented reaches	✓	✓ (H)	✓ (H)	✓	✓ (check GIS + aq. north side Bingegang Weir)	✓	✓ (Bedford Wr = H)	✓ (Bedford Wr = H)	✓ (Bedford Wr = H)	✓	✓ (Bedford, Bingegang = H)	✓ (Old township, Maxford? North East side at junction with Isaac)
GROUNDWATERS	✓	✓	✓	✓	✕	✕	✕? (any swimming pools?)	✕	✕	✓ (L) (Bedford Springs, edge of Blackdown table lands)	✓	✓

Traditional owner's (TO) responses were the same as the stakeholder responses unless otherwise indicated in blue. These are based on past and present cultural and spiritual values.

Other information:

To be clarified

Notes:

1. EVs identified are for current waterway uses/values. During workshops, stakeholders were also invited to comment on known future waterway uses/values (e.g. already approved) that might change from current status. Any such future uses are identified in the relevant cells.
2. EVs are provided for surface and ground waters.
3. The aquatic ecosystem EV is selected for all waters. In principle, the aim for aquatic ecosystems is to maintain (and where possible improve) current condition. A separate table has been prepared to identify the high ecological value and slightly disturbed waterways in this catchment, using available information and stakeholder input.

4. For the “domestic” component of a “stock and domestic” water licence, a number of EVs may be relevant depending on the use e.g. “**irrigating**” if used to water lawns, etc; “**farm use**” if used to wash down sheds, fruit, etc.; “**drinking water**” if used for drinking; “**primary recreation**” if used for showers (with a similar risk of ingestion of water).
5. Stock watering is typically the “**stock**” component of a “stock and domestic” licence.
6. Where groundwaters are used as a source for filling swimming pools, this is captured under primary recreation.
7. Tourism water uses/values are captured under relevant EVs e.g. sightseeing (visual recreation), sailing (secondary recreation), swimming (primary recreation), etc.
8. For industrial uses, the main intent was to identify specific industrial uses of water direct from waterways (rather than from town water supplies). Road works may also source water from waterways as required (e.g. dust suppression).