

BURNETT / BAFFLE WATER QUALITY IMPROVEMENT PLAN (WQIP)

BURNETT INLAND NORTH CATCHMENT WORKSHOP – 22 MAY 2007












DRAFT RESULTS FROM WORKSHOP HUMAN WATERWAY USES AND VALUES












Explanation provided to participants












1. The accompanying table allows you to identify human waterway uses/values (“Environmental Values - EVs”) for specific waterways in the Burnett Inland North subcatchments. The different human uses/values are shown across the top of the table (eg irrigation, stock watering, etc).
2. The workshop will proceed downwards through each column 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 major 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. (Refer to unshaded rows under each of the major [grey shaded] rows 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 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: values from consultations with Traditional Owners not included)
	Now / future	Now / future	Now / future	Now / future	Now / future	Now / future	Now / future	Now / future	Now / future	Now /future	Now / future
FRESHWATERS (Note: Instream storages (dams, weirs and barrages) have been included and these have been <u>underlined</u>)											
AUBURN RIVER/CADARGA/ST JOHN CREEKS											
Cadarga Creek top of catchment to junction with Auburn River	M/?	X/X	H/H	X/X	L/L	L/L	L/L	M/M	X/X	X/X	M-H/M-H
Cadarga Creek main channel	/	/	/	/	/	/	/	/	/	/	/
Tributaries (specify)	/	/	/	/	/	/	/	/	/	/	/
Auburn River top of catchment to junction with Burnett River/Jones Weir Pool	H/H (lucerne, cane, citrus – when water available)	H/H	H/H	X/L	L/L	L/L	L/L	M/M	X/X	X/X	M-H/M-H
Auburn River main channel	/	/	/	/	/	/	/	/	/	/	/
Auburn River tributaries	/	/	/	/	/	/	/	/	/	/	/
➤ Chess Creek	/	/	/	/	/	/	/	/	/	/	/
➤ Thistle Creek	/	/	/	/	/	/	/	/	/	/	/
➤ Hooper Creek	/	/	/	/	/	/	/	/	/	/	/
➤ Cheltenham Creek	/	/	/	/	/	/	/	/	/	/	/
➤ Other (specify)	/	/	/	/	/	/	/	/	/	/	/












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: values from consultations with Traditional Owners not included)
	Now / future	Now / future	Now / future	Now / future	Now / future	Now / future	Now / future	Now / future	Now / future	Now /future	Now / future
St John Creek to junction with Burnett River/upstream end Jones Weir pool	X/X	X/X	H/H	X/X	X/X	X/X	X/X	L/L	X/X	X/X	M-H/M-H
St John Creek main channel	/	/	/	/	/	/	/	/	/	/	/
Tributaries (specify)	/	/	/	/	/	/	/	/	/	/	/
NOGO RIVER											
Nogo River top of catchment to upstream end of Wuruma Dam storage	X/X	X/X	H/H	X/X	X/X	X/X	X/X	L/L	X/X	X/X	M-H/M-H
Nogo River main channel	/	/	/	/	/	/	/	/	/	/	/
Tributaries	/	/	/	/	/	/	/	/	/	/	/
➤ Trevethan Creek	/	/	/	/	/	/	/	/	/	/	/
➤ Cattle Creek	/	/	/	/	/	/	/	/	/	/	/
➤ Other (specify)	/	/	/	/	/	/	/	/	/	/	/
Wuruma Dam storage (part of upper Burnett water supply scheme)	X/X	X/X	H/H	X/X	H/H	H/H	H/H	M/H (camping areas - possible increased future use)	X/X	X/X	L/L
Dam storage	/	/	/	/	/	/	/	/	/	/	/
Tributaries entering dam	/	/	/	/	/	/	/	/	/	/	/












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	 (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: values from consultations with Traditional Owners not included)
	Now / future	Now / future	Now / future	Now / future	Now / future	Now / future	Now / future	Now / future	Now / future	Now /future	Now / future
Nogo River 'flowing' waters downstream of Wuruma Dam to Burnett River/Kirar (Eidsvold) Weir pool	X/X	X/X	H/H	X/X	H/H (H when water present - otherwise L)	H/H (H when water present - otherwise L)	H/H (H when water present - otherwise L)	H/H (H when water present - otherwise L)	X/X	X/X	M/M
Nogo River main channel	/	/	/	/	/	/	/	/	/	/	/
Tributaries	/	/	/	/	/	/	/	/	/	/	/
➤ Goomeran Creek	/	/	/	/	/	/	/	/	/	/	/
➤ Other (specify)	/	/	/	/	/	/	/	/	/	/	/
THREE MOON/MONAL CREEK											
Three Moon Creek top of catchment to upstream end of Cania Dam storage	X/X	X/X	H/H	X/X	X-L/X-L	X/X	X/X	L/L	X/X	X/X	X/X (mining history, grave stones)
Three Moon Ck main channel	/	/	/	/	/	/	/	/	/	/	/
Tributaries	/	/	/	/	/	/	/	/	/	/	/
Cania Dam storage	X/X	X/X	H/H	X/X	H/H	H/H	H/H	H/H	X/X	X/X	X/X
Dam storage	/	/	/	/	/	/	/	/	/	/	/
Tributaries entering dam	/	/	/	/	/	/	/	/	/	/	/












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: values from consultations with Traditional Owners not included)
	Now / future	Now / future	Now / future	Now / future	Now / future	Now / future	Now / future	Now / future	Now / future	Now /future	Now / future
Three Moon Creek 'flowing' waters downstream of Cania Dam to junction with Burnett River	H/H	H/H	H/H	M/M	L-M/L-M	L/L	L/L	H/H	X/X	M/L	H/H (mining history, grave stones)
Three Moon Ck main channel	/	/	/	/	/	/	/	/	/	/	/
➤ From Cania Dam to upstream end Youlambie Weir pool	/	/	/	/	/	/	/	/	/	/	/
➤ From Youlambie Weir to upstream end of Monto Weir pool	/	/	/	/	/	/	/	/	/	/	/
➤ From Monto Weir to upstream end Bazely Weir pool	/	/	/	/	/	/	/	/	/	/	/
➤ From Bazely Weir to upstream end Avis Weir pool	/	/	/	/	/	/	/	/	/	/	/
➤ From Avis Weir to upstream end Mulgildie Weir pool	/	/	/	/	/	/	/	/	/	/	/
➤ From Mulgildie Weir to junction with upper Burnett River	/	/	/	/	/	/	/	/	/	/	/
Tributaries (specify) Bunyip Hole	/	/	/	/	/	H/H	H/H	/	/	/	/
Fern Pool at Hurdle Gully	/	/	/	/	/	H/H	H/H	/	/	/	/

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: values from consultations with Traditional Owners not included)
	Now / future	Now / future	Now / future	Now / future	Now / future	Now / future	Now / future	Now / future	Now / future	Now /future	Now / future
<u>Three Moon Creek small weirs</u>	H/H	H/H	H/H	M/M	L-M/L-M	L/L	L/L	H/H	X/X	M/L	H/H
Youlambie Weir pool	/	/	/	/	/	/	/	/	/	/	/
Monto Weir pool	/	/	/	/	/	/	/	/	/	/	/
Bazely Weir pool	/	/	/	/	/	/	/	/	/	/	/
Avis Weir pool	/	/	/	/	/	/	/	/	/	/	/
Mulgildie Weir pool	/	/	/	/	/	/	/	/	/	/	/
Tributaries entering weir pools	/	/	/	/	/	/	/	/	/	/	/
Monal Creek top of catchment to upstream end of Mungungo Weir pool	X/X	X/X	L/L	X/X	X/X	X/X	X/X	M-H/M-H (H rating in upper reaches eg Dooloo Tops)	X/X	X/X	H/H (history of mining)
Monal Creek main channel	/	/	/	/	/	/	/	/	/	/	/
Tributaries (specify)	/	/	/	/	/	/	/	/	/	/	/
<u>Mungungo Weir pool</u>	M/X?	X?/X?	M/X?	X/X	X/X	L/L	L/L	L/L	X/X	X/X	X/X
Weir pool	/	/	/	/	/	/	/	/	/	/	/
Tributaries entering weir pool	/	/	/	/	/	/	/	/	/	/	/

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: values from consultations with Traditional Owners not included)
	Now / future	Now / future	Now / future	Now / future	Now / future	Now / future	Now / future	Now / future	Now / future	Now /future	Now / future
Monal Creek 'flowing' waters downstream of Mungungo Weir pool to junction with Three Moon Creek	X/X (bores used for irrigation)	X/X	L/L	X/X	X/X	X/X	X/X	L/L	X/X	X/X	M/M (farming history)
Monal Creek main channel	/	/	/	/	/	/	/	/	/	/	/
Tributaries (specify)	/	/	/	/	/	/	/	/	/	/	/
UPPER BURNETT RIVER, SPLINTERS AND EASTERN CREEKS											
Splinters Creek top of catchment to junction with upper Burnett River	X/X (bores)	X/X	H/H (when water available)	X/X	X/X	L/L	X/X	M/M	X/X	X/X (mine uses bore water)	H/H (old settlers)
Splinters Creek main channel	/	/	/	/	/	/	/	/	/	/	/
Tributaries (specify)	/	/	/	/	/	/	/	/	/	/	/
Eastern Creek top of catchment to junction with upper Burnett River	X/X	X/X	H/H	X/X	X/X	X/X	X/X	L/L	X/X	X/X	L/L
Eastern Creek main channel	/	/	/	/	/	/	/	/	/	/	/
Tributaries (specify)	/	/	/	/	/	/	/	/	/	/	/

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: values from consultations with Traditional Owners not included)
	Now / future	Now / future	Now / future	Now / future	Now / future	Now / future	Now / future	Now / future	Now / future	Now /future	Now / future
Burnett River top of catchment to upstream end of John Goleby Weir	X/X	X/X	H/H	X/X	L/L (eg fishing at junction of Burnett R and Three Moon Ck)	L/L (eg waterhole at McLaughlans)	L/L	H/H	X/X	X/X	H/H ("crater" area)
Upper Burnett River main channel	/	/	/	/	/	/	/	/	/	/	/
Tributaries (specify)	/	/	/	/	/	/	/	/	/	/	/
<u>John Goleby Weir pool</u>	H/H (oats, sorghum)	X/X	H/H	X/X	X/X	X/X	X/X	X/X	X/X	X/X	L/L
Weir pool	/	/	/	/	/	/	/	/	/	/	/
Tributaries entering weir pool	/	/	/	/	/	/	/	/	/	/	/
Burnett River 'flowing' waters downstream of John Goleby Weir to upstream end Kirar Weir Pool	X/X	X/X	H/H	X/X	X/X	X/X	X/X	X/X	X/X	X/X	L/L
Burnett River main channel	/	/	/	/	/	/	/	/	/	/	/
Tributaries (specify)	/	/	/	/	/	/	/	/	/	/	/
<u>Kirar (Eidsvold) Weir pool</u>	X/X	X/X	H/H	X/X	X/X	X/X	X/X	X/X	X/X	X/X	L/L
Weir pool	/	/	/	/	/	/	/	/	/	/	/
Tributaries entering weir pool	/	/	/	/	/	/	/	/	/	/	/

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: values from consultations with Traditional Owners not included)
	Now / future	Now / future	Now / future	Now / future	Now / future	Now / future	Now / future	Now / future	Now / future	Now /future	Now / future
Burnett River ‘flowing’ waters downstream of Kirar (Eidsvold) Weir to upstream end of Jones Weir pool	H/H	H/H	H/H	X/L	L/L	L/L	M/M	M/M	X/X	X/L	H/H
Burnett main channel	/	/	/	/	/	/	/	/	/	/	/
Tributaries	/	/	/	/	/	/	/	/	/	/	/
<u>Jones Weir pool</u>	H/H	H/H	H/H	X/L	M-H/M-H	M/M	H/H	H/H	H/H (town supply including juice factory)	H/H	L/M
Weir pool	/	/	/	/	/	/	/	/	/	/	/
Tributaries entering weir pool	/	/	/	/	/	/	/	/	/	/	/
Burnett River ‘flowing’ waters downstream of Jones Weir to upstream end of Claude Wharton Weir pool	H/H	H/H	H/H	X/L	H/H	H/H	H/H	H/H (views of river)	X/X	M/H (sand mining)	H?/H? (additional consultation with Traditional Owners)
Burnett main channel	/	/	/	/	/	/	/	/	/	/	/
Tributaries	/	/	/	/	/	/	/	/	/	/	/

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: values from consultations with Traditional Owners not included)
	Now / future	Now / future	Now / future	Now / future	Now / future	Now / future	Now / future	Now / future	Now / future	Now /future	Now / future
Claude Wharton Weir pool	H/H	H/H	H/H	X/X	H/H	H/H	H/H	H/H	X?/X?	L/L	H/H
Weir pool	/	/	/	/	/	/	/	/	/	/	/
Tributaries entering weir pool	/	/	/	/	/	/	/	/	/	/	/
Reids Creek	H/H	H/H	H/H	X/X	M/M	L/L	L/L	L/L	X/X	X/X	M-H/M-H
Reids Creek main channel	/	/	/	/	/	/	/	/	/	/	/
Tributaries	/	/	/	/	/	/	/	/	/	/	/
Burnett River 'flowing' waters downstream of Claude Wharton Weir to upstream end Paradise Dam storage	H/H	H/H	H/H	X/L	H/H	H/H	H/H	H/H	H/H (water sourced from bed sands)	X/X	H/H
Burnett main channel	/	/	/	/	/	/	/	/	/	/	/
Tributaries	/	/	/	/	/	/	/	/	/	/	/

Workshop participants recorded cultural and spiritual values for non-indigenous people and also gave an indication of where Traditional Owner values may exist