

### ATTACHMENT 3 – LINKS BETWEEN THIS PLAN AND THE WATER RESOURCE (GEORGINA AND DIAMANTINA) PLAN 2004

**How the *Georgina and Diamantina Resource Operations Plan 2006* is related to the *Water Resource (Georgina and Diamantina) Plan 2004* outcomes.**

General Outcomes of the <i>Water Resource (Georgina and Diamantina) Plan 2004</i> (Section 7)	Rules and Provisions of the Resource Operations Plan
<i>Water is to be allocated and managed in a way that seeks to achieve a balance in the following outcomes—</i>	
7(a) to make water available to sustain current levels of, and to support growth in, economic activity in the plan area while recognising the social and cultural values of community’s in the basins.	<ul style="list-style-type: none"> <li>• dealing with unallocated water                             <ul style="list-style-type: none"> <li>- water management areas</li> <li>- separation of unallocated water for larger and smaller scale proposals</li> <li>- management of water holes</li> </ul> </li> <li>• provision for town water supply</li> <li>• dealing with water licences                             <ul style="list-style-type: none"> <li>- flows access and consideration of third party interests</li> </ul> </li> <li>• monitoring and reporting</li> </ul>
7(b) to achieve ecological outcomes consistent with maintaining the ecological integrity and natural function of in-stream, wetland and floodplain ecosystems, both in the plan area and downstream of the plan area in South Australia, including, for example, maintaining—	
7(b)(i) pool habitats, and native plants and animals associated with the habitats, in watercourses; and	<ul style="list-style-type: none"> <li>• chief executive data collection and assessment</li> <li>• operating rules (e.g. maintenance of low flow and waterhole management)</li> <li>• use of performance indicators for monitoring by chief executive</li> <li>• metering</li> <li>• links to monitoring programs undertaken by other stakeholders and agencies</li> <li>• dealing with unallocated water</li> <li>• licencing rules                             <ul style="list-style-type: none"> <li>- management of waterholes</li> <li>- protection of post winter flows</li> <li>- flow access considerations</li> <li>- consideration of matters in section 19 of the water resource plan</li> </ul> </li> </ul>
7(b)(ii) the near pristine condition of the riverine habitats and associated native plants and animals in the basins; and	
7(b)(iii) the natural abundance and species richness of native plants and animals associated with habitats within watercourses, riparian zones, floodplains and wetlands; and	
7(b)(iv) active river-forming processes, including sediment transport; and	
7(b)(v) connections between waterholes, particularly at times of low flow;	
7(c) to maintain, both in the plan area and downstream of the plan area in South Australia, water quality at levels that maintain the ecological integrity and natural function of in-stream and floodplain ecosystems and the viability of economic, social, cultural and other activities that do not threaten the integrity and function;	<ul style="list-style-type: none"> <li>• chief executive data collection and assessment</li> <li>• non-tradability of water licences</li> <li>• dealing with unallocated water</li> <li>• flow access considerations</li> </ul>

7(d) to promote a continual improvement in water use efficiency, both in the plan area generally and on individual properties;	<ul style="list-style-type: none"> <li>• metering</li> <li>• water licence conditions</li> </ul>
7(e) to promote improved understanding of the matters affecting the health of riverine and associated systems in the basin; and	<ul style="list-style-type: none"> <li>• chief executive data collection and assessment</li> <li>• links to monitoring and assessment programs undertaken by other stakeholders and agencies</li> </ul>
7(f) consistency with the <i>Lake Eyre Basin Agreement Act 2001</i> .	<ul style="list-style-type: none"> <li>• chief executive data collection and assessment</li> <li>• contribution to the Minister's report</li> </ul>

**ATTACHMENT 4 – PUMP SIZES AND MAXIMUM RATES**

<b>Column 1</b>	<b>Column 2 (non axial flow)</b>	<b>Column 3 (axial flow)</b>
<b>Pump size (mm)</b>	<b>Maximum rate (megalitres/day)</b>	<b>Maximum rate (megalitres/day)</b>
32	0.5	
40	1	
50	2.2	
65	3.9	
80	5.6	
100	7.3	
125	7.3	
150	12.1	
200	15.6	
250	21.6	
300	25.9	
350	34.6	
365 to 400	73.2	
500	47.5	70
600 to 610	86.4	120
660	120	
700 to 720	150	200
750 to 770	180	220
780 to 810	200	235

**ATTACHMENT 5 – SIGNIFICANT WATERHOLES AND WETLANDS**

<b>Number</b>	<b>Name</b>	<b>Management Area</b>
GD1	Paravituari Waterhole	Burke and Hamilton
GD2	Jimburella Waterhole	Burke and Hamilton
GD3	Cork Waterhole	Upper Diamantina
GD4	Jardine Waterhole	Lower Diamantina
GD5	Lake Katherine	Upper Georgina
GD6	Roxborough Waterhole	Upper Georgina
GD7	Linda Creek Waterhole (Toko Gorge)	Lower Georgina
GD8	Waukaba Waterhole	Upper Georgina
GD9	Combo Waterhole	Upper Diamantina
GD10	Conn Waterhole	Upper Diamantina
GD11	Lake Mary	Upper Georgina
GD12	Lake Mipia Area	Lower Georgina
GD13	Muncoonie Lakes Area	Lower Georgina
GD14	Lake Namabooka Area	Lower Georgina
GD15	Wheeler Creek Junction	Lower Georgina
GD16	Lake Torquinie Area	Lower Georgina
GD17	Lake Philippi	Lower Georgina
GD18	Lewis Lagoon Floodout	Burke and Hamilton
GD19	Austral Limestone Aggregation	Upper Georgina
GD20	Diamantina Lakes	Lower Diamantina
GD21	Lake Constance	Lower Diamantina
GD22	Diamantina Overflow Swamp Region	Lower Diamantina
GD23	Birdsville - Durrie Waterhole Aggregation	Lower Diamantina
GD24	Merabooka and Yetcherie Creek Junctions	Lower Diamantina
GD25	King Creek Floodout Area	Lower Georgina