

8. APPENDIX 1: ATTRIBUTE TABLES FROM THE GIS MAPPING

Table 37: Attributes of the lagoon water bodies data layer.

	Water body name	Lagoon complex name	Area (km²)	Perimeter (km)	Wetland type	Easting	Northing
1	Benham's Lagoon	Benham's Lagoon	0.121	1.35	Natural	8614732	736419
2	Benjamin Lagoon	Benjamin Lagoon	0.055	1.00	Natural	8614424	734738
3	Bennetts Waterhole	Bennetts Waterhole	0.002	0.18	Natural	8606112	723331
4	Dutchies 3	Dutchies 3	0.006	0.29	Natural	8620226	721791
5	Edwin Creek 1	Edwin Creek 1	0.059	0.91	Natural	8608257	735491
6	Edwin Creek 14	Edwin Creek 5	0.013	0.49	Natural	8606924	735997
7	Edwin Creek 15	Edwin Creek 3	0.003	0.20	Natural	8609051	731651
8	Edwin Creek 2	Edwin Creek 2	0.053	0.88	Natural	8607079	731632
9	Fischer 2	Fischer 2	0.057	1.40	Natural	8627350	728636
10	Fischer 2	Fischer 2	0.013	0.89	Natural	8627638	728684
11	Fischer 2	Fischer 2	0.004	0.66	Natural	8627509	728478
12	Fischer 3	Fischer 3	0.037	0.81	Natural	8626644	729716
13	Fischer 4	Fischer 4	0.035	0.83	Natural	8629536	729796
14	Fischer Lagoon	Fischer Lagoon	0.132	1.76	Natural	8625773	728027
15	Fischer Lagoon 1	Fischer 6	0.002	0.26	Natural	8630852	727879
16	Fischer Lagoon 2	Fischer 7	0.003	0.21	Natural	8627703	728120
17	Fischer Lagoon 3	Fischer Lagoon	0.027	0.65	Natural	8626214	728708
18	Fischer Lagoon 6	Fischer 8	0.002	0.21	Natural	8627715	727685
19	Fischer Lagoon 7	Fischer 9	0.006	0.38	Natural	8628228	730116
20	Freds Pass 11	Freds Pass 11	0.002	0.18	Natural	8615418	721816
21	Freds Pass 13	Freds Pass 13	0.001	0.13	Natural	8615727	720055
22	Freds Pass 5	Freds Pass 5	0.019	0.61	Natural	8615569	721638
23	Freds Pass Lagoon	Freds Pass Lagoon	0.008	0.38	Natural	8613207	722578
24	Girraween 10	Girraween 3	0.006	0.43	Natural	8614546	725696
25	Girraween 18	Girraween 8	0.040	0.82	Natural	8616237	725034
26	Girraween 19	Girraween 9	0.013	0.50	Natural	8617060	726354
27	Girraween 20	Girraween 10	0.028	0.70	Natural	8617176	727856
28	Girraween 28	Girraween 17	0.003	0.27	Natural	8610932	730077
29	Girraween 29	Girraween 16	0.002	0.21	Natural	8612913	730632
30	Girraween 3	Girraween 1	0.049	1.06	Natural	8611590	727179
31	Girraween 30	Girraween 15	0.003	0.25	Natural	8613092	730653
32	Girraween 31	Girraween 15	0.004	0.30	Natural	8613274	730514
33	Girraween 32	Girraween 18	0.003	0.21	Natural	8615664	728636
34	Girraween 33	Girraween 19	0.003	0.21	Natural	8615355	728717
35	Girraween 4	Girraween 1	0.104	1.85	Natural	8612191	727601
36	Girraween 5	Girraween 5	0.021	0.59	Natural	8613352	728353
37	Girraween 6	Girraween 6	0.009	0.57	Natural	8615495	724962
38	Girraween 6	Girraween 6	0.002	0.17	Natural	8615423	725039
39	Girraween 6	Girraween 6	0.002	0.22	Natural	8615315	725123
40	Girraween 6	Girraween 6	0.002	0.19	Natural	8615390	725218

	Water body name	Lagoon complex name	Area (km²)	Perimeter (km)	Wetland type	Easting	Northing
41	Girraween 6	Girraween 6	0.008	0.43	Natural	8615425	725343
42	Girraween 8 A	Girraween 22	0.005	0.32	Natural	8616298	728692
43	Girraween 8 B	Girraween 22	0.005	0.43	Natural	8616196	728734
44	Girraween 9	Girraween 2	0.025	0.67	Natural	8612402	728116
45	Girraween Lagoon	Girraween Lagoon	0.386	3.14	Natural	8615135	726192
46	Herbert 2	Herbert 2	0.072	1.04	Natural	8613477	734312
47	Herbert 3	Herbert 3	0.002	0.15	Natural	8612281	736556
48	Herbert 5	Herbert 5	0.008	0.59	Natural	8610956	732180
49	Howard River 1	Howard River 17	0.003	0.36	Natural	8623940	725707
50	Howard River 10	Howard River 19	0.002	0.36	Natural	8621847	725569
51	Howard River 11	Howard River 19	0.008	0.58	Natural	8622021	725626
52	Howard River 12	Howard River 19	0.004	0.55	Natural	8622153	725547
53	Howard River 13	Howard River 16	0.004	0.52	Natural	8622288	725686
54	Howard River 14	Howard River 16	0.005	0.44	Natural	8622544	725632
55	Howard River 15	Howard River 10	0.013	0.57	Natural	8621415	727145
56	Howard River 38	Howard River 6	0.009	0.41	Natural	8621431	727919
57	Howard River 39	Howard River 7	0.003	0.28	Natural	8621617	727788
58	Howard River 40	Howard River 11	0.011	0.93	Natural	8620665	726365
59	Howard River 41	Howard River 11	0.012	0.69	Natural	8620772	726181
60	Howard River 42	Howard River 5	0.010	0.59	Natural	8623145	727146
61	Howard River 43	Howard River 5	0.002	0.19	Natural	8623173	727196
62	Howard River 44	Howard River 5	0.001	0.21	Natural	8623232	727099
63	Howard River 45	Howard River 14	0.006	0.55	Natural	8621162	726059
64	Howard River 46	Howard River 5	0.014	0.67	Natural	8622821	727139
65	Howard River 47	Howard River 18	0.002	0.25	Natural	8621427	727435
66	Howard River 48	Howard River 20	0.003	0.25	Natural	8623995	725385
67	Howard River 49	Howard River 20	0.002	0.19	Natural	8623829	725435
68	Howard River 5	Howard River 9	0.006	0.48	Natural	8620688	725908
69	Howard River 50	Howard River 20	0.004	0.28	Natural	8623727	725442
70	Howard River 51	Howard River 23	0.001	0.15	Natural	8617548	723037
71	Howard River 52	Howard River 23	0.000	0.08	Natural	8617549	722995
72	Howard River 57	Howard River 25	0.016	0.67	Natural	8620963	728531
73	Howard River 58	Howard River 26	0.005	0.30	Natural	8620975	727943
74	Howard River 59	Howard River 27	0.005	0.36	Natural	8620989	728314
75	Howard River 60	Howard River 28	0.003	0.27	Natural	8621132	728144
76	Howard River 9	Howard River 12	0.006	0.47	Natural	8621753	725777
77	Howard Springs 1	Howard Springs 1	0.004	0.35	Natural	8622103	723083
78	Howard Springs 2	Howard Springs 2	0.017	0.49	Natural	8622044	723674
79	Howard Springs 3	Howard Springs 3	0.009	0.45	Natural	8623371	723199
80	Howard Springs 4	Howard Springs 3	0.010	0.48	Natural	8622990	723104
81	Howard Springs 5	Howard Springs 4	0.003	0.27	Natural	8623132	718520
82	Howard Springs 8	Wadham's Lagoon	0.002	0.38	Natural	8617596	721316
83	Humpty Doo 1	Humpty Doo 1	0.248	2.77	Natural	8609938	729484
84	Humpty Doo 1	Humpty Doo 1	0.022	0.85	Natural	8609908	729726
85	Humpty Doo 1	Humpty Doo 1	0.003	0.46	Natural	8610070	729263
86	Humpty Doo 2	Humpty Doo 2	0.031	0.90	Natural	8603379	725682
87	Humpty Doo 3	Humpty Doo 3	0.003	0.28	Natural	8606128	729856

	Water body name	Lagoon complex name	Area (km²)	Perimeter (km)	Wetland type	Easting	Northing
88	Humpty Doo 3	Humpty Doo 3	0.006	0.31	Natural	8606234	730008
89	Humpty Doo 3	Humpty Doo 3	0.004	0.25	Natural	8606357	730048
90	Ironstone Lagoon Knuckeys middle	Ironstone Lagoon	0.050	1.58	Natural	8625131	710066
91	Lagoon	Knuckeys Lagoons	0.018	0.51	Natural	8624550	711455
92	Knuckeys NE Lagoon	Knuckeys Lagoons	0.047	0.85	Natural	8625104	711497
93	Knuckeys NW Lagoon	Knuckeys Lagoons	0.113	1.34	Natural	8625591	710775
94	Knuckeys S Lagoon	Knuckeys Lagoons	0.027	0.64	Natural	8624122	711399
95	Koolpinyah 2	Koolpinyah 2	0.034	1.00	Natural	8628008	734558
96	Koolpinyah 3	Koolpinyah 3	0.021	0.73	Natural	8628011	732937
97	Koolpinyah 4	Little Bindi Waterhole & Koolpinyah 4	0.003	0.21	Natural	8629135	736813
98	Koolpinyah 5	Koolpinyah 5	0.014	0.57	Natural	8627792	732210
99	Koolpinyah 6	Koolpinyah 6	0.040	0.80	Natural	8624823	732949
100	Korebum Lagoon	Korebum Lagoon and Kurrubam 3	0.112	1.34	Natural	8632263	734030
101	Kurrubam 1	Kurrubam 1	0.004	0.31	Natural	8631391	736530
102	Kurrubam 2	Kurrubam 2	0.031	0.71	Natural	8632454	736754
103	Kurrubam 3	Korebum Lagoon and Kurrubam 3	0.249	2.16	Natural	8632667	733563
104	Kurrubam 4	Kurrubam 4	0.094	1.65	Natural	8632854	732246
105	Kurrubam 5	Korebum Lagoon and Kurrubam 3	0.002	0.17	Natural	8632498	733900
106	Kurrubam 6	Kurrubam 5	0.003	0.23	Natural	8631713	732007
107	Limul Limul 1	Limul Limul 1 and 1B	0.004	0.23	Natural	8630515	734504
108	Limul Limul 1B	Limul Limul 1 and 1B	0.025	0.61	Natural	8630372	734263
109	Limul Limul 2	Limul Limul 2	0.009	0.37	Natural	8630580	732809
110	Limul Limul 3	Limul Limul 3, 4 & 5	0.283	3.00	Natural	8630034	733073
111	Limul Limul 4	Limul Limul 3, 4 & 5	0.104	1.57	Natural	8629839	732317
112	Limul Limul 5	Limul Limul 3, 4 & 5	0.029	0.93	Natural	8629447	731837
113	Limul Limul 6	Limul Limul 6	0.066	1.23	Natural	8629627	731301
114	Little Bindi Waterhole	Little Bindi Waterhole & Koolpinyah 4	0.001	0.14	Natural	8629171	736896
115	London Lagoon	London Lagoon	0.020	0.69	Natural	8613673	727137
116	London Lagoon	London Lagoon	0.002	0.19	Natural	8613779	726874
117	London Lagoon	London Lagoon	0.004	0.47	Natural	8613775	727019
118	Lyons Lagoon	Lyons Lagoon	0.152	2.03	Natural	8624778	728085
119	McMinns Lagoon	McMinns Lagoon	0.237	2.16	Natural	8611350	726171
120	Mud Hole Lagoon	Mud Hole Lagoon	0.025	0.59	Natural	8616987	735302
121	Ninnis 1	Ninnis Creek 1	0.052	1.10	Natural	8622688	734613
122	Ninnis 2	Ninnis Creek 2	0.043	1.43	Natural	8619678	734410
123	Ninnis Creek 3	Ninnis Creek 3	0.021	0.61	Natural	8622836	735407
124	Ninnis Creek 4	Ninnis Creek 4	0.001	0.16	Natural	8621828	736070
125	Noonamah 1	Noonamah 1	0.024	0.64	Natural	8603014	726173
126	Noonamah 1	Noonamah 1	0.004	0.28	Natural	8603154	726248
127	Pumphouse Lagoon	Pumphouse Lagoon	0.008	0.34	Natural	8627955	735904
128	Quambi Lagoon Queen Elizabeth	Quambi Lagoon	0.878	6.27	Natural	8630026	736171
129	Lagoon	Queen Elizabeth Lagoon	0.103	1.36	Natural	8616617	734944
130	Thorak 10	Thorak 5	0.002	0.24	Natural	8624140	716096
131	Thorak 3	Thorak 3	0.007	0.34	Natural	8627210	714123

	Water body name	Lagoon complex name	Area (km2)	Perimeter (km)	Wetland type	Easting	Northing
132	Wadham's Lagoon	Wadham's Lagoon	0.002	0.24	Natural	8617740	721506
133	Wadham's Lagoon	Wadham's Lagoon	0.011	0.58	Natural	8617658	721507
134	Waterlily Lagoon	Waterlily Lagoon	0.107	1.50	Natural	8621672	724543
135	Bennetts Creek 1	Bennetts Creek 1	0.004	0.41	Man-made	8606892	723016
136	Bennetts Creek 2	Bennetts Creek 2	0.002	0.21	Man-made	8608892	720118
137	Bennetts Creek 3	Bennetts Creek 2	0.001	0.17	Man-made	8608983	720119
138	Bennetts Creek 4	Bennetts Creek 2	0.001	0.17	Man-made	8609009	720121
139	Bennetts Creek 5	Bennetts Creek 3	0.003	0.24	Man-made	8609070	719709
140	East Arm 1	East Arm 1	0.003	0.21	Man-made	8623697	708614
141	East Arm 2	East Arm 1	0.007	0.32	Man-made	8623710	708693
142	Edwin Creek 10	Edwin Creek 4	0.004	0.39	Man-made	8609554	733306
143	Edwin Creek 11	Edwin Creek 4	0.003	0.26	Man-made	8609574	733204
144	Edwin Creek 12	Edwin Creek 4	0.001	0.16	Man-made	8609974	733318
145	Edwin Creek 13	Edwin Creek 6	0.002	0.18	Man-made	8609170	731045
146	Edwin Creek 15	Edwin Creek 7	0.004	0.28	Man-made	8607391	737375
147	Edwin Creek 16	Edwin Creek 8	0.022	0.97	Man-made	8603484	737222
148	Edwin Creek 17	Edwin Creek 8	0.011	0.59	Man-made	8603635	736999
149	Edwin Creek 18	Edwin Creek 8	0.006	0.44	Man-made	8604106	737336
150	Edwin Creek 19	Edwin Creek 8	0.005	0.53	Man-made	8603110	737069
151	Edwin Creek 20	Edwin Creek 8	0.002	0.16	Man-made	8603640	737117
152	Edwin Creek 21	Edwin Creek 8	0.001	0.24	Man-made	8603690	737071
153	Edwin Creek 3	Edwin Creek 3	0.002	0.20	Man-made	8609093	731580
154	Edwin Creek 4	Edwin Creek 4	0.033	1.76	Man-made	8610026	733197
155	Edwin Creek 5	Edwin Creek 4	0.025	0.87	Man-made	8610255	733030
156	Edwin Creek 6	Edwin Creek 4	0.014	1.28	Man-made	8609739	733062
157	Edwin Creek 7	Edwin Creek 4	0.010	0.39	Man-made	8610273	733182
158	Edwin Creek 8	Edwin Creek 4	0.008	0.52	Man-made	8609642	733055
159	Edwin Creek 9	Edwin Creek 4	0.006	0.56	Man-made	8610467	732918
160	Fairway Waters Fairway Waters	Fairway Waters	0.004	0.40	Man-made	8619641	714591
161	Entrance	Fairway Waters Entrance	0.002	0.18	Man-made	8619617	714700
162	Fairway Waters Lagoon	Fairway Waters Lagoon	0.024	0.78	Man-made	8620189	714948
163	Fairway Waters South	Fairway Waters South	0.003	0.25	Man-made	8619267	715069
164	Freds Pass 10	Freds Pass 10	0.001	0.19	Man-made	8615773	720543
165	Freds Pass 12	Freds Pass 12	0.006	0.36	Man-made	8612382	720151
166	Freds Pass 2	Freds Pass 2	0.004	0.26	Man-made	8614192	720375
167	Freds Pass 3	Freds Pass 3	0.011	0.51	Man-made	8616604	719906
168	Freds Pass 4	Freds Pass 4	0.003	0.28	Man-made	8616806	720083
169	Freds Pass 6	Freds Pass 6	0.005	0.43	Man-made	8614223	721432
170	Freds Pass 7	Freds Pass 7	0.005	0.32	Man-made	8615922	720502
171	Freds Pass 8	Freds Pass 8	0.002	0.22	Man-made	8616532	724021
172	Freds Pass 9	Freds Pass 9	0.002	0.21	Man-made	8615817	722407
173	Girraween 11	Girraween 4	0.012	0.58	Man-made	8615801	729313
174	Girraween 12	Girraween 4	0.009	0.41	Man-made	8615800	729478
175	Girraween 13	Girraween 4	0.008	0.51	Man-made	8615763	729578
176	Girraween 14	Girraween 4	0.003	0.27	Man-made	8615718	729457
177	Girraween 15	Girraween 4	0.005	0.42	Man-made	8615543	729555
178	Girraween 16	Girraween 4	0.006	0.34	Man-made	8615548	729687

	Water body name	Lagoon complex name	Area (km²)	Perimeter (km)	Wetland type	Easting	Northing
179	Girraween 17	Girraween 1	0.001	0.13	Man-made	8611725	727561
180	Girraween 21	Girraween 11	0.002	0.17	Man-made	8615145	724803
181	Girraween 22	Girraween 12	0.042	1.25	Man-made	8615725	730632
182	Girraween 23	Girraween 12	0.021	1.28	Man-made	8615963	730589
183	Girraween 24	Girraween 12	0.006	0.35	Man-made	8616040	730439
184	Girraween 25	Girraween 12	0.000	0.14	Man-made	8615972	730526
185	Girraween 26	Girraween 13	0.002	0.20	Man-made	8611706	730015
186	Girraween 27	Girraween 14	0.001	0.22	Man-made	8616211	727088
187	Girraween 34	Girraween 20	0.008	0.75	Man-made	8614844	729768
188	Girraween 35	Girraween 20	0.003	0.27	Man-made	8614836	729858
189	Girraween 36	Girraween 20	0.003	0.24	Man-made	8614898	729719
190	Girraween 37	Girraween 21	0.003	0.30	Man-made	8612780	726802
191	Girraween 7	Girraween 7	0.001	0.18	Man-made	8616029	724265
192	Haycock 1	Haycock 1	0.002	0.18	Man-made	8609954	713063
193	Haycock 10	Haycock 2	0.001	0.14	Man-made	8607449	712054
194	Haycock 11	Haycock 2	0.001	0.09	Man-made	8607552	711739
195	Haycock 2	Haycock 2	0.033	0.92	Man-made	8607142	711948
196	Haycock 3	Haycock 2	0.011	0.42	Man-made	8607708	712078
197	Haycock 4	Haycock 2	0.006	0.30	Man-made	8607386	712118
198	Haycock 5	Haycock 2	0.006	0.30	Man-made	8607315	712083
199	Haycock 6	Haycock 2	0.006	0.30	Man-made	8607826	712133
200	Haycock 7	Haycock 2	0.006	0.30	Man-made	8607498	712067
201	Haycock 8	Haycock 2	0.001	0.13	Man-made	8607588	711744
202	Haycock 9	Haycock 2	0.001	0.15	Man-made	8607785	712104
203	Herbert 1	Herbert 1	0.005	0.36	Man-made	8610993	732461
204	Herbert 4	Herbert 4	0.001	0.14	Man-made	8610863	736069
205	Herbert 6	Herbert 6	0.001	0.17	Man-made	8612528	732297
206	Herbert 7	Herbert 7	0.001	0.17	Man-made	8612447	732909
207	Herbert 8	Herbert 8	0.038	1.73	Man-made	8615172	730874
208	Herbert 9	Herbert 9	0.002	0.22	Man-made	8612357	731335
209	Howard River 16	Howard River 4	0.063	1.93	Man-made	8620225	727619
210	Howard River 17	Howard River 4	0.021	0.95	Man-made	8620380	727336
211	Howard River 18	Howard River 4	0.031	0.99	Man-made	8620435	727827
212	Howard River 19	Howard River 4	0.025	0.82	Man-made	8619941	727875
213	Howard River 2	Howard River 5	0.006	0.34	Man-made	8623012	725981
214	Howard River 20	Howard River 4	0.005	0.36	Man-made	8620556	727392
215	Howard River 21	Howard River 4	0.003	0.23	Man-made	8620545	727522
216	Howard River 22	Howard River 5	0.038	1.00	Man-made	8622531	726148
217	Howard River 23	Howard River 5	0.031	1.39	Man-made	8623692	725984
218	Howard River 24	Howard River 5	0.026	0.62	Man-made	8622128	726563
219	Howard River 25	Howard River 5	0.025	1.15	Man-made	8622785	726349
220	Howard River 26	Howard River 5	0.017	0.89	Man-made	8622391	726767
221	Howard River 27	Howard River 5	0.011	0.50	Man-made	8622731	726816
222	Howard River 28	Howard River 5	0.011	0.53	Man-made	8622952	725741
223	Howard River 29	Howard River 5	0.010	0.51	Man-made	8623615	725464
224	Howard River 3	Howard River 3	0.003	0.39	Man-made	8619104	724823
225	Howard River 30	Howard River 5	0.007	0.54	Man-made	8622848	726733

	Water body name	Lagoon complex name	Area (km2)	Perimeter (km)	Wetland type	Easting	Northing
226	Howard River 31	Howard River 5	0.007	0.59	Man-made	8623152	726132
227	Howard River 32	Howard River 5	0.007	0.44	Man-made	8622629	726823
228	Howard River 33	Howard River 5	0.005	0.30	Man-made	8623386	725771
229	Howard River 34	Howard River 5	0.002	0.27	Man-made	8623192	726089
230	Howard River 35	Howard River 5	0.002	0.25	Man-made	8622974	726669
231	Howard River 36	Howard River 5	0.002	0.19	Man-made	8622865	726611
232	Howard River 37	Howard River 5	0.001	0.19	Man-made	8623447	725559
233	Howard River 4	Howard River 22	0.001	0.12	Man-made	8618803	724479
234	Howard River 53	Howard River 24	0.005	0.62	Man-made	8617365	724475
235	Howard River 54	Howard River 24	0.002	0.21	Man-made	8617513	724534
236	Howard River 55	Howard River 24	0.002	0.19	Man-made	8617519	724443
237	Howard River 56	Howard River 24	0.001	0.20	Man-made	8617583	724508
238	Howard River 6	Howard River 21	0.002	0.19	Man-made	8621352	725797
239	Howard River 7	Howard River 8	0.002	0.21	Man-made	8623005	724444
240	Howard River 8	Howard River 15	0.002	0.18	Man-made	8623116	724383
241	Howard Springs 6	Howard Springs 5	0.003	0.21	Man-made	8617781	721304
242	Howard Springs 7	Howard Springs 6	0.001	0.17	Man-made	8619571	718380
243	Humpty Doo 10	Humpty Doo 8	0.002	0.18	Man-made	8603616	727218
244	Humpty Doo 11	Humpty Doo 9	0.031	0.99	Man-made	8608444	727318
245	Humpty Doo 12	Humpty Doo 10	0.001	0.17	Man-made	8609651	724873
246	Humpty Doo 13	Humpty Doo 11	0.001	0.14	Man-made	8609709	724801
247	Humpty Doo 14	Humpty Doo 12	0.002	0.19	Man-made	8609608	724971
248	Humpty Doo 15	Humpty Doo 13	0.004	0.26	Man-made	8609797	724656
249	Humpty Doo 16	Humpty Doo 14	0.432	4.30	Man-made	8603982	729172
250	Humpty Doo 17	Humpty Doo 15	0.001	0.17	Man-made	8606623	730204
251	Humpty Doo 18	Humpty Doo 16	0.002	0.18	Man-made	8606745	730318
252	Humpty Doo 19	Humpty Doo 17	0.003	0.31	Man-made	8606004	725031
253	Humpty Doo 20	Humpty Doo 17	0.001	0.13	Man-made	8605999	725129
254	Humpty Doo 4	Humpty Doo 4	0.003	0.35	Man-made	8606708	724995
255	Humpty Doo 4	Humpty Doo 4	0.006	0.42	Man-made	8606865	724986
256	Humpty Doo 4	Humpty Doo 4	0.006	0.40	Man-made	8606784	724975
257	Humpty Doo 4	Humpty Doo 4	0.014	0.54	Man-made	8606912	725108
258	Humpty Doo 5	Humpty Doo 5	0.002	0.19	Man-made	8607018	727772
259	Humpty Doo 6	Humpty Doo 6	0.005	0.31	Man-made	8607784	729718
260	Humpty Doo 7	Humpty Doo 6	0.006	0.41	Man-made	8607750	729807
261	Humpty Doo 8	Humpty Doo 6	0.006	0.82	Man-made	8607742	729886
262	Humpty Doo 9	Humpty Doo 7	0.002	0.15	Man-made	8607609	724351
263	Kings Creek 1	Kings Creek 1	0.037	0.96	Man-made	8624301	722329
264	Kings Creek 10	Kings Creek 2	0.001	0.15	Man-made	8626321	718565
265	Kings Creek 11	Kings Creek 2	0.001	0.14	Man-made	8626386	718521
266	Kings Creek 12	Kings Creek 3	0.001	0.14	Man-made	8626801	720503
267	Kings Creek 13	Kings Creek 3	0.003	0.32	Man-made	8626945	720537
268	Kings Creek 14	Kings Creek 3	0.003	0.23	Man-made	8627162	720426
269	Kings Creek 2	Kings Creek 1	0.032	1.62	Man-made	8624670	722736
270	Kings Creek 3	Kings Creek 1	0.010	0.66	Man-made	8624814	722767
271	Kings Creek 4	Kings Creek 1	0.006	0.40	Man-made	8624202	722704
272	Kings Creek 5	Kings Creek 1	0.004	0.39	Man-made	8624188	722859

	Water body name	Lagoon complex name	Area (km2)	Perimeter (km)	Wetland type	Easting	Northing
273	Kings Creek 6	Kings Creek 1	0.002	0.24	Man-made	8624345	722780
274	Kings Creek 7	Kings Creek 1	0.001	0.18	Man-made	8624469	722416
275	Kings Creek 8	Kings Creek 1	0.001	0.16	Man-made	8624094	722320
276	Kings Creek 9	Kings Creek 1	0.001	0.14	Man-made	8624279	722640
277	Marlow Lagoon	Marlow Lagoon	0.034	1.00	Man-made	8618868	713717
278	Middle Arm 1	Middle Arm	0.342	3.00	Man-made	8608403	710549
279	Middle Arm 2	Middle Arm 2	0.023	0.72	Man-made	8610241	707357
280	Middle Arm 3	Middle Arm 2	0.002	0.20	Man-made	8610277	707478
281	Middle Arm 4	Middle Arm 2	0.001	0.17	Man-made	8610277	707561
282	Middle Arm 5	Middle Arm 2	0.001	0.18	Man-made	8610222	707618
283	Middle Arm 6	Middle Arm 2	0.001	0.17	Man-made	8610167	707677
284	Middle Arm 7	Middle Arm 2	0.001	0.17	Man-made	8610113	707736
285	Middle Arm 8	Middle Arm 2	0.013	0.47	Man-made	8610040	707672
286	Ninnis Creek 10	Ninnis Creek 6	0.021	0.74	Man-made	8622899	732764
287	Ninnis Creek 11	Ninnis Creek 6	0.009	0.43	Man-made	8623015	732611
288	Ninnis Creek 12	Ninnis Creek 6	0.008	0.38	Man-made	8622646	732278
289	Ninnis Creek 13	Ninnis Creek 6	0.007	0.34	Man-made	8622738	731960
290	Ninnis Creek 14	Ninnis Creek 6	0.007	0.50	Man-made	8621207	733114
291	Ninnis Creek 15	Ninnis Creek 6	0.006	0.29	Man-made	8622862	732532
292	Ninnis Creek 16	Ninnis Creek 6	0.003	0.27	Man-made	8622868	732667
293	Ninnis Creek 17	Ninnis Creek 6	0.003	0.21	Man-made	8622585	732153
294	Ninnis Creek 18	Ninnis Creek 6	0.002	0.26	Man-made	8622762	732586
295	Ninnis Creek 19	Ninnis Creek 7	0.056	2.15	Man-made	8621121	732127
296	Ninnis Creek 20	Ninnis Creek 7	0.028	1.50	Man-made	8621068	732750
297	Ninnis Creek 21	Ninnis Creek 7	0.023	0.88	Man-made	8620923	732662
298	Ninnis Creek 22	Ninnis Creek 7	0.003	0.33	Man-made	8621660	731850
299	Ninnis Creek 23	Ninnis Creek 7	0.003	0.23	Man-made	8620960	732872
300	Ninnis Creek 24	Ninnis Creek 7	0.002	0.26	Man-made	8620965	732956
301	Ninnis Creek 25	Ninnis Creek 7	0.002	0.29	Man-made	8621677	731780
302	Ninnis Creek 5	Ninnis Creek 5	0.004	0.43	Man-made	8622060	736259
303	Ninnis Creek 6	Ninnis Creek 5	0.002	0.19	Man-made	8621981	736287
304	Ninnis Creek 7	Ninnis Creek 5	0.001	0.18	Man-made	8622121	736259
305	Ninnis Creek 8	Ninnis Creek 6	0.178	5.53	Man-made	8621812	732484
306	Ninnis Creek 9	Ninnis Creek 6	0.044	1.56	Man-made	8621165	733246
307	Palmerston North 1	Palmerston North 1	0.011	0.66	Man-made	8619865	714382
308	Palmerston North 10	Palmerston North 1	0.001	0.21	Man-made	8622187	715189
309	Palmerston North 11	Palmerston North 1	0.002	0.18	Man-made	8622233	715285
310	Palmerston North 12	Palmerston North 1	0.011	0.51	Man-made	8622144	715224
311	Palmerston North 13	Palmerston North 11	0.004	0.44	Man-made	8623204	716334
312	Palmerston North 14	Palmerston North 11	0.026	1.02	Man-made	8623743	715901
313	Palmerston North 15	Palmerston North 11	0.002	0.22	Man-made	8623681	717037
314	Palmerston North 16	Palmerston North 11	0.002	0.18	Man-made	8623701	717144
315	Palmerston North 17	Palmerston North 11	0.002	0.18	Man-made	8623890	716825
316	Palmerston North 18	Palmerston North 11	0.005	0.43	Man-made	8623886	717126
317	Palmerston North 19	Palmerston North 11	0.002	0.21	Man-made	8624024	716774
318	Palmerston North 2	Palmerston North 2	0.012	0.79	Man-made	8620128	714110
319	Palmerston North 20	Palmerston North 11	0.013	0.55	Man-made	8623983	716919

	Water body name	Lagoon complex name	Area (km2)	Perimeter (km)	Wetland type	Easting	Northing
320	Palmerston North 21	Palmerston North 12	0.034	2.35	Man-made	8621691	716994
321	Palmerston North 22	Palmerston North 10	0.005	0.31	Man-made	8622591	710859
322	Palmerston North 23	Palmerston North 10	0.003	0.21	Man-made	8622708	710895
323	Palmerston North 3	Palmerston North 3	0.008	0.50	Man-made	8620094	713789
324	Palmerston North 4	Palmerston North 4	0.005	0.38	Man-made	8620184	714363
325	Palmerston North 5	Palmerston North 4	0.003	0.24	Man-made	8620385	714292
326	Palmerston North 6	Palmerston North 6	0.004	0.39	Man-made	8620717	714234
327	Palmerston North 6	Palmerston North 6A	0.005	0.48	Man-made	8620736	714039
328	Palmerston North 7	Palmerston North 7	0.007	0.33	Man-made	8621393	714059
329	Palmerston North 8	Palmerston North 8	0.021	0.58	Man-made	8619815	714132
330	Palmerston North 9	Palmerston North 9	0.012	0.66	Man-made	8619792	713823
331	Palmerston South 1	Palmerston South 1	0.007	0.56	Man-made	8615573	716527
332	Palmerston South 2	Palmerston South 2	0.004	0.27	Man-made	8616603	717186
333	Palmerston South 3	Palmerston South 3	0.003	0.23	Man-made	8611193	713695
334	The Chase Ponds	The Chase Ponds	0.017	1.10	Man-made	8618500	716978
335	Thorak 11	Thorak 6	0.014	0.81	Man-made	8626229	715877
336	Thorak 12	Thorak 6	0.004	0.32	Man-made	8626396	715813
337	Thorak 13	Thorak 6	0.004	0.30	Man-made	8626520	715761
338	Thorak 14	Thorak 7	0.071	2.21	Man-made	8625417	715982
339	Thorak 15	Thorak 8	0.007	0.54	Man-made	8624266	717028
340	Thorak 4	Thorak 4	0.003	0.20	Man-made	8625358	712206
341	Thorak 5	Thorak 5	0.054	1.58	Man-made	8624421	716864
342	Thorak 6	Thorak 5	0.042	2.11	Man-made	8625072	716587
343	Thorak 7	Thorak 5	0.035	1.23	Man-made	8624699	716884
344	Thorak 8	Thorak 5	0.028	1.46	Man-made	8624770	716253
345	Thorak 9	Thorak 5	0.005	0.38	Man-made	8624751	715820
346	Wickham 1	Wickham 1	0.003	0.24	Man-made	8611048	708791
347	Wickham 2	Wickham 2	0.002	0.15	Man-made	8610850	708730
348	5073-213	5073-213	0.012	0.47	Man-made	8634343	706229
349	5073-213_1	5073-213_1	0.376	2.56	Man-made	8632612	707578
350	5073-224	5073-224	0.007	0.44	Man-made	8628296	706161
351	5073-224_1	5073-224_1	0.004	0.25	Man-made	8626458	710089
352	5073-224_2	5073-224_2	0.011	0.55	Man-made	8627288	709459
353	5073-224_3	5073-224_3	0.001	0.19	Man-made	8627321	709657
354	5073-231	5073-231	0.008	0.61	Man-made	8627113	701937

Table 38: Attributes of the wetland complex data layer delineated by the wetland dependent vegetation.

	Lagoon complex name	Number of water bodies	Area (km2)	Perimeter (km)	Wetland type	Easting	Northing
1	Benham's Lagoon	1	0.183	1.79	natural	8614725	736426
2	Benjamin Lagoon	1	0.085	1.19	natural	8614421	734742
3	Bennetts Waterhole	1	0.004	0.29	natural	8606113	723334
4	Dutchies 3	1	0.040	0.80	natural	8620196	721756
5	Dutchies Lagoon	1	0.604	3.50	natural	8618792	722502
6	Edwin Creek 1	1	0.208	2.93	natural	8608091	735587
7	Edwin Creek 2	1	0.103	1.26	natural	8607067	731620
8	Edwin Creek 5	1	0.028	0.74	natural	8606914	736046
9	Fischer 2	3	0.373	4.01	natural	8627323	728609
10	Fischer 3	1	0.192	2.15	natural	8626591	729646
11	Fischer 4	1	0.392	4.34	natural	8629431	729963
12	Fischer 6	1	0.060	1.08	natural	8630833	727971
13	Fischer 7	1	0.008	0.37	natural	8627712	728139
14	Fischer 8	1	0.036	1.00	natural	8627696	727766
15	Fischer 9	1	0.021	0.62	natural	8628215	730110
16	Fischer Lagoon	2	0.886	5.63	natural	8625992	728380
17	Freds Pass 11	1	0.005	0.35	natural	8615408	721829
18	Freds Pass 13	1	0.007	0.41	natural	8615680	720056
19	Freds Pass 5	1	0.057	1.03	natural	8615545	721652
20	Freds Pass Lagoon	1	0.023	0.60	natural	8613217	722591
21	Girraween 10	1	0.194	2.73	natural	8617010	727739
22	Girraween 15	2	0.041	1.35	natural	8613140	730533
23	Girraween 16	1	0.006	0.32	natural	8612910	730633
24	Girraween 17	1	0.010	0.43	natural	8610936	730090
25	Girraween 18	1	0.008	0.42	natural	8615657	728660
26	Girraween 19	1	0.016	0.59	natural	8615370	728762
27	Girraween 2	1	0.049	1.12	natural	8612450	728126
28	Girraween 22	2	0.024	0.68	natural	8616231	728712
29	Girraween 3	1	0.056	1.12	natural	8614529	725553
30	Girraween 5	1	0.127	2.19	natural	8613289	728238
31	Girraween 6	5	0.156	2.43	natural	8615344	725086
32	Girraween 8	1	0.093	1.17	natural	8616239	725063
33	Girraween 9	1	0.043	0.99	natural	8617066	726357
34	Girraween Lagoon	1	0.485	3.38	natural	8615099	726195
35	Herbert 2	1	0.177	1.69	natural	8613491	734319
36	Herbert 3	1	0.047	1.18	natural	8612275	736525
37	Herbert 5	1	0.017	0.63	natural	8610947	732173
38	Howard River 10	1	0.045	1.01	natural	8621367	727172
39	Howard River 11	2	0.098	2.54	natural	8620777	726363
40	Howard River 12	1	0.025	0.57	natural	8621736	725767
41	Howard River 14	1	0.019	0.56	natural	8621180	726052
42	Howard River 16	2	0.028	1.02	natural	8622436	725658
43	Howard River 17	1	0.011	0.47	natural	8623941	725716
44	Howard River 18	1	0.025	0.78	natural	8621406	727444

	Lagoon complex name	Number of water bodies	Area (km²)	Perimeter (km)	Wetland type	Easting	Northing
45	Howard River 19	3	0.088	1.69	natural	8622027	725570
46	Howard River 20	3	0.048	1.33	natural	8623951	725461
47	Howard River 23	2	0.007	0.33	natural	8617554	723020
48	Howard River 25	1	0.049	0.98	natural	8620969	727956
49	Howard River 26	1	0.032	1.04	natural	8621176	728173
50	Howard River 27	1	0.020	0.77	natural	8620983	728260
51	Howard River 28	1	0.080	1.39	natural	8620949	728590
52	Howard River 6	1	0.049	1.09	natural	8621436	727935
53	Howard River 7	1	0.032	0.91	natural	8621574	727736
54	Howard River 9	1	0.013	0.53	natural	8620683	725900
55	Howard Springs 1	1	0.008	0.44	natural	8622104	723082
56	Howard Springs 2	1	0.056	1.17	natural	8622047	723686
57	Howard Springs 3	2	0.115	2.27	natural	8623185	723152
58	Howard Springs 4	1	0.095	1.40	natural	8623165	718341
59	Humpty Doo 1	3	0.591	4.37	natural	8609943	729637
60	Humpty Doo 2	1	0.070	1.43	natural	8603388	725676
61	Humpty Doo 3	3	0.157	1.53	natural	8606259	729859
62	Ironstone Lagoon	1	0.108	1.89	natural	8625153	710047
63	Knuckeyes Lagoons	4	1.158	6.41	natural	8624933	711228
64	Koolpinyah 2	1	0.111	1.90	natural	8628031	734377
65	Koolpinyah 3	1	0.206	2.46	natural	8627943	733181
66	Koolpinyah 5	1	0.040	0.87	natural	8627773	732224
67	Koolpinyah 6	1	0.144	3.09	natural	8624770	732833
68	Korebum Lagoon & Kurrubam 3	2	1.735	13.39	natural	8632655	734419
69	Kurrubam 1	1	0.135	1.62	natural	8631366	736793
70	Kurrubam 2	1	0.329	3.40	natural	8632414	736814
71	Kurrubam 4	1	0.210	2.30	natural	8632779	732309
72	Kurrubam 5	1	0.041	0.87	natural	8631588	731951
73	Limul Limul 1 & 1B	2	0.130	2.12	natural	8630461	734317
74	Limul Limul 2	1	0.053	1.27	natural	8630560	732971
75	Limul Limul 3, 4 & 5	3	0.772	5.56	natural	8629908	732703
76	Limul Limul 6	1	0.201	2.30	natural	8629706	731257
77	Little Bindi Waterhole & Koolpinyah 4	2	0.019	0.56	natural	8629146	736830
78	London Lagoon	3	0.341	5.86	natural	8613706	727237
79	Lyons Lagoon	1	0.666	5.80	natural	8624816	728186
80	McMinns Lagoon	1	0.615	3.99	natural	8611240	726319
81	Mud Hole Lagoon	1	0.135	1.97	natural	8616910	735365
82	Ninnis Creek 1	1	0.261	2.63	natural	8622517	734584
83	Ninnis Creek 2	1	0.375	4.89	natural	8619243	734181
84	Ninnis Creek 3	1	0.150	2.15	natural	8622853	735372
85	Ninnis Creek 4	1	0.019	0.58	natural	8621853	736054
86	Noonamah 1	2	0.235	2.49	natural	8603172	726193
87	Pumphouse Lagoon	1	0.016	0.46	natural	8627966	735919
88	Quambi Lagoon	1	1.145	5.99	natural	8630040	736197
89	Queen Elizabeth Lagoon	1	0.245	3.14	natural	8616511	735067
90	Thorak 3	1	0.065	1.31	natural	8627167	714121

	Lagoon complex name	Number of water bodies	Area (km²)	Perimeter (km)	Wetland type	Easting	Northing
91	Wadham's Lagoon	3	0.090	1.73	natural	8617603	721473
92	Waterlily Lagoon	1	0.153	1.59	natural	8621662	724541
93	Bennetts Creek 1	1	0.007	0.44	man-made	8606892	723018
94	Bennetts Creek 2	3	0.019	0.60	man-made	8608958	720124
95	Bennetts Creek 3	1	0.014	0.48	man-made	8609104	719707
96	East Arm 1	2	0.014	0.51	man-made	8623706	708665
97	Edwin Creek 4	9	0.435	4.75	man-made	8609961	733091
98	Edwin Creek 6	1	0.006	0.30	man-made	8609165	731038
99	Edwin Creek 7	1	0.007	0.35	man-made	8607394	737375
100	Edwin Creek 8	6	1.164	7.42	man-made	8603629	736784
101	Fairway Waters	1	0.008	0.50	man-made	8619634	714599
102	Fairway Waters Entrance	1	0.005	0.31	man-made	8619632	714694
103	Fairway Waters Lagoon	1	0.030	0.82	man-made	8620191	714945
104	Fairway Waters South	1	0.005	0.31	man-made	8619269	715069
105	Freds Pass 10	1	0.009	0.54	man-made	8615783	720539
106	Freds Pass 12	1	0.016	0.59	man-made	8612376	720140
107	Freds Pass 2	1	0.008	0.37	man-made	8614188	720378
108	Freds Pass 3	1	0.022	0.63	man-made	8616609	719904
109	Freds Pass 4	1	0.018	0.54	man-made	8616803	720077
110	Freds Pass 6	1	0.101	1.32	man-made	8614268	721486
111	Freds Pass 7	1	0.007	0.43	man-made	8615918	720510
112	Freds Pass 8	1	0.010	0.53	man-made	8616495	724061
113	Freds Pass 9	1	0.008	0.39	man-made	8615824	722400
114	Girraween 11	1	0.003	0.22	man-made	8615143	724802
115	Girraween 12	4	0.170	2.29	man-made	8615961	730573
116	Girraween 13	1	0.004	0.25	man-made	8611706	730015
117	Girraween 14	1	0.005	0.31	man-made	8616205	727095
118	Girraween 20	3	0.057	1.07	man-made	8614909	729713
119	Girraween 21	1	0.014	0.53	man-made	8612775	726795
120	Girraween 4	6	0.111	1.69	man-made	8615686	729498
121	Girraween 7	1	0.004	0.31	man-made	8616024	724262
122	Haycock 1	1	0.843	7.43	man-made	8609748	712899
123	Haycock 2	10	0.554	6.75	man-made	8607568	711678
124	Herbert 1	1	0.020	0.58	man-made	8610983	732463
125	Herbert 4	1	0.005	0.32	man-made	8610853	736062
126	Herbert 6	1	0.002	0.20	man-made	8612525	732299
127	Herbert 7	1	0.002	0.20	man-made	8612445	732915
128	Herbert 8	2	0.265	2.79	man-made	8615293	731022
129	Herbert 9	1	0.054	1.63	man-made	8612291	731241
130	Howard River 15	1	0.005	0.30	man-made	8623116	724392
131	Howard River 21	1	0.004	0.25	man-made	8621351	725796
132	Howard River 22	1	0.002	0.20	man-made	8618808	724478
133	Howard River 24	4	0.080	1.22	man-made	8617479	724482
134	Howard River 3	1	0.006	0.44	man-made	8619100	724822
135	Howard River 4	6	0.368	3.38	man-made	8620234	727668
136	Howard River 8	1	0.007	0.40	man-made	8623002	724446
137	Howard Springs 5	1	0.006	0.33	man-made	8617780	721299

	Lagoon complex name	Number of water bodies	Area (km²)	Perimeter (km)	Wetland type	Easting	Northing
138	Howard Springs 6	1	0.036	0.75	man-made	8619572	718403
139	Humpty Doo 10	1	0.005	0.27	man-made	8609645	724870
140	Humpty Doo 11	1	0.004	0.24	man-made	8609704	724799
141	Humpty Doo 12	1	0.003	0.24	man-made	8609605	724970
142	Humpty Doo 13	1	0.010	0.38	man-made	8609796	724661
143	Humpty Doo 14	1	0.754	4.82	man-made	8603890	729237
144	Humpty Doo 15	1	0.010	0.39	man-made	8606608	730217
145	Humpty Doo 16	1	0.008	0.40	man-made	8606734	730312
146	Humpty Doo 17	2	0.007	0.56	man-made	8606000	725069
147	Humpty Doo 4	4	0.075	1.34	man-made	8606857	725033
148	Humpty Doo 5	1	0.007	0.33	man-made	8607015	727778
149	Humpty Doo 6	3	0.044	1.29	man-made	8607753	729847
150	Humpty Doo 7	1	0.003	0.22	man-made	8607608	724352
151	Humpty Doo 8	1	0.005	0.28	man-made	8603616	727218
152	Humpty Doo 9	1	0.305	2.22	man-made	8608685	727333
153	Kings Creek 1	9	0.553	3.27	man-made	8624377	722604
154	Kings Creek 2	2	0.035	1.28	man-made	8626373	718630
155	Kings Creek 3	3	0.827	5.38	man-made	8627106	720314
156	Marlow Lagoon	1	0.102	1.43	man-made	8618854	713722
157	Middle Arm 1	1	0.772	4.05	man-made	8608394	710564
158	Middle Arm 2	7	0.823	5.64	man-made	8609706	708197
159	Ninnis Creek 5	3	0.090	2.10	man-made	8622091	736146
160	Ninnis Creek 6	11	2.209	9.23	man-made	8622559	732590
161	Ninnis Creek 7	7	1.313	9.23	man-made	8621877	731868
162	Palmerston North 1	3	0.022	0.67	man-made	8622170	715233
163	Palmerston North 1	1	0.017	0.68	man-made	8619875	714378
164	Palmerston North 10	2	0.028	0.68	man-made	8622637	710875
165	Palmerston North 11	8	0.814	10.16	man-made	8623592	716542
166	Palmerston North 12	1	0.141	2.76	man-made	8621554	717046
167	Palmerston North 2	1	0.020	1.27	man-made	8620132	714101
168	Palmerston North 3	1	0.009	0.52	man-made	8620095	713789
169	Palmerston North 4	2	0.014	0.97	man-made	8620257	714337
170	Palmerston North 6	1	0.006	0.41	man-made	8620716	714237
171	Palmerston North 6A	1	0.008	0.48	man-made	8620736	714042
172	Palmerston North 7	1	0.013	0.47	man-made	8621393	714053
173	Palmerston North 8	1	0.032	0.72	man-made	8619803	714145
174	Palmerston North 9	1	0.016	0.67	man-made	8619792	713822
175	Palmerston South 1	1	0.021	0.60	man-made	8615583	716522
176	Palmerston South 2	1	0.009	0.39	man-made	8616610	717176
177	Palmerston South 3	1	0.006	0.29	man-made	8611196	713700
178	The Chase Ponds	1	0.028	0.92	man-made	8618484	716987
179	Thorak 4	1	0.007	0.35	man-made	8625344	712207
180	Thorak 6	3	0.154	3.64	man-made	8626126	715751
181	Thorak 7	1	0.101	1.99	man-made	8625437	715981
182	Thorak 8	1	0.012	0.59	man-made	8624269	717031
183	Wickham 1	1	0.005	0.31	man-made	8611048	708792
184	Wickham 2	1	0.002	0.18	man-made	8610846	708733

	Lagoon complex name	Number of water bodies	Area (km2)	Perimeter (km)	Wetland type	Easting	Northing
185	5073-213	1	0.017	0.52	man-made	8634343	706231
186	5073-213_1	1	0.419	2.71	man-made	8632614	707577
187	5073-224	1	0.011	0.48	man-made	8628295	706157
188	5073-224_1	1	0.012	0.42	man-made	8626459	710077
189	5073-224_2	1	0.021	0.85	man-made	8627278	709442
190	5073-224_3	1	0.002	0.21	man-made	8627320	709656
191	5073-231	1	0.015	0.57	man-made	8627111	701948
192	Edwin Creek 3	2	0.035	0.79	mixed	8609087	731636
193	Girraween 1	2	0.403	4.36	mixed	8611956	727522
194	Howard River 5	21	1.340	9.94	mixed	8622965	726363
195	Thorak 5	6	0.685	10.86	mixed	8624611	716400

Table 39: Attributes of the GIS lagoon catchments data layer.

	Catchment name	Lagoon complex name	Perimeter (km)	Area (km²)	Wetland type
1	Benham's	Benham's Lagoon	5.66	1.75	natural
2	Benjamin	Benjamin Lagoon	5.13	1.67	natural
3	Bennetts Creek A	Bennetts Waterhole	0.29	0.00	natural
4	Dutchies A	Dutchies Lagoon & Dutchies 3	8.29	4.24	natural
5	Edwin Creek A	Edwin Creek 1	4.97	1.46	natural
6	Edwin Creek B	Edwin Creek 2	4.21	1.18	natural
7	Edwin Creek E	Edwin Creek 5	10.26	6.03	natural
8	Fischer A	Fischer 2	4.54	1.31	natural
9	Fischer B	Fischer 3	4.19	1.02	natural
10	Fischer C	Fischer 4	8.30	2.99	natural
11	Fischer D	Fischer 6	7.39	2.31	natural
12	Fischer E	Fischer 9	5.91	1.10	natural
13	Fischer	Fischer Lagoon	6.38	2.09	natural
14	Freds Pass D	Freds Pass (5 & 11)	2.18	0.20	natural
15	Freds Pass A	Freds Pass Lagoon	3.23	0.53	natural
16	Girraween F	Girraween 10	6.71	2.34	natural
17	Girraween I	Girraween (15-16)	2.16	0.19	natural
18	Girraween J	Girraween 17	0.43	0.01	natural
19	Girraween K	Girraween (18-19)	4.18	0.48	natural
20	Girraween M	Girraween 22	0.68	0.02	natural
21	Girraween D	Girraween 8	3.15	0.67	natural
22	Girraween E	Girraween 9	4.16	1.00	natural
23	Girraween	Girraween Lagoon	13.83	7.60	natural
24	Herbert A	Herbert 2	4.02	0.96	natural
25	Herbert C	Herbert 3	7.94	3.46	natural
26	Herbert E	Herbert 5	0.63	0.02	natural
27	Howard River D	Howard River (6-7, 10 & 18)	6.87	2.39	natural
28	Howard River F	Howard River (9 & 11)	3.47	0.64	natural
29	Howard River I	Howard River (17 & 20)	4.37	0.95	natural
30	Howard River J	Howard River 23	0.33	0.01	natural
31	Howard River L	Howard River (25-28)	8.95	4.71	natural
32	Howard Springs A	Howard Springs 1	3.85	0.83	natural
33	Howard Springs B	Howard Springs 2	4.41	0.82	natural
34	Howard Springs C	Howard Springs 3	2.27	0.11	natural
35	Howard Springs D	Howard Springs 4	2.64	0.18	natural
36	Humpty Doo A	Humpty Doo 1	11.70	6.20	natural
37	Humpty Doo B	Humpty Doo 2	2.05	0.20	natural
38	Humpty Doo C	Humpty Doo 3	4.94	1.34	natural
39	Ironstone Lagoon	Ironstone Lagoon	5.84	2.06	natural
40	Knuckey's	Knuckeys Lagoons	7.25	3.26	natural
41	Koolpinyah B	Koolpinyah 2	10.06	4.28	natural
42	Koolpinyah C	Koolpinyah 3	12.03	4.09	natural
43	Koolpinyah D	Koolpinyah 5	8.49	2.64	natural
44	Koolpinyah E	Koolpinyah 6	4.47	0.85	natural
45	Korebum	Korebum Lagoon & Kurrubam 3	11.58	7.64	natural
46	Kurrubam A	Kurrubam 1	5.04	1.39	natural

Catchment name	Lagoon complex name	Perimeter (km)	Area (km²)	Wetland type	
47	Kurrubam B	Kurrubam 2	10.06	3.01	natural
48	Kurrubam C	Kurrubam 4	6.82	2.31	natural
49	Kurrubam D	Kurrubam 5	3.20	0.51	natural
50	Limul Limul A	Limul Limul 1	5.30	1.64	natural
51	Limul Limul B	Limul Limul (3-5)	10.93	4.06	natural
52	Limul Limul C	Limul Limul 6	9.37	3.03	natural
53	Limul Limul D	Limul Limul 2	4.54	1.20	natural
54	Koolpinyah A	Little Bindi Waterhole & Koolpinyah 4	1.83	0.20	natural
55	Lyons Lagoon	Lyons Lagoon	10.03	3.54	natural
56	McMinns Lagoon	McMinns Lagoon	11.84	5.81	natural
57	Herbert J	Queen Elizabeth Lagoon & Mud Hole Lagoon	8.27	2.67	natural
58	Ninnis Creek A	Ninnis Creek (1-3)	6.87	2.41	natural
59	Ninnis Creek B	Ninnis Creek 2	13.95	8.91	natural
60	Ninnis Creek C	Ninnis Creek 4	0.58	0.02	natural
61	Noonamah A	Noonamah 1	4.85	1.11	natural
62	Pumphouse Lagoon	Pumphouse Lagoon	7.96	2.36	natural
63	Quambi Lagoon	Quambi Lagoon	10.45	5.04	natural
64	Thorak A	Thorak 3	1.32	0.13	natural
65	Waterlily Lagoon	Waterlily Lagoon	4.08	0.99	natural
66	Bennetts Creek B	Bennetts Creek 1	0.44	0.01	man-made
67	Bennetts Creek C	Bennetts Creek 2	0.60	0.02	man-made
68	Bennetts Creek D	Bennetts Creek 3	0.48	0.01	man-made
69	East Arm A	East Arm 1	1.69	0.16	man-made
70	Edwin Creek D	Edwin Creek 4	4.75	0.43	man-made
71	Edwin Creek F	Edwin Creek 6	0.30	0.01	man-made
72	Edwin Creek G	Edwin Creek 7	0.35	0.01	man-made
73	Edwin Creek H	Edwin Creek 8	8.32	1.21	man-made
74	Fairway Waters	Fairway Waters Lagoon	2.68	0.32	man-made
75	Fairway Waters B	Fairway Waters, Fairway Waters Entrance & Palmerston North (1-4, 6, 6A & 8-9)	5.00	1.25	man-made
76	Fairway Waters A	Fairway Waters South	4.46	1.11	man-made
77	Freds Pass F	Freds Pass (7 & 10)	4.50	0.76	man-made
78	Freds Pass I	Freds Pass 12	0.59	0.02	man-made
79	Freds Pass B	Freds Pass 2	1.36	0.13	man-made
80	Freds Pass C	Freds Pass (3-4)	5.80	1.70	man-made
81	Freds Pass E	Freds Pass 6	1.32	0.10	man-made
82	Freds Pass G	Freds Pass 8 & Girraween 7	3.96	0.96	man-made
83	Freds Pass H	Freds Pass 9	2.99	0.49	man-made
84	Girraween C	Girraween (6 & 11)	4.47	1.04	man-made
85	Girraween G	Girraween 13	0.25	0.00	man-made
86	Girraween H	Girraween 14	0.58	0.02	man-made
87	Girraween L	Girraween 20	2.40	0.26	man-made
88	Girraween B	Girraween 4	3.94	0.25	man-made
89	Haycock A	Haycock 1	7.43	0.84	man-made
90	Haycock B	Haycock 2	6.75	0.55	man-made
91	Herbert B	Herbert 1	0.58	0.02	man-made
92	Herbert D	Herbert 4	0.32	0.01	man-made

	Catchment name	Lagoon complex name	Perimeter (km)	Area (km²)	Wetland type
93	Herbert F	Herbert 6	0.20	0.00	man-made
94	Herbert G	Herbert 7	0.20	0.00	man-made
95	Herbert H	Herbert 8 & Girraween 12	5.16	1.09	man-made
96	Herbert I	Herbert 9	1.63	0.05	man-made
97	Howard River H	Howard River 15	0.30	0.01	man-made
98	Howard River A	Howard River (3 & 22)	3.15	0.47	man-made
99	Howard River K	Howard River 24	3.42	0.76	man-made
100	Howard River B	Howard River 4	3.26	0.37	man-made
101	Howard River E	Howard River 8	0.40	0.01	man-made
102	Howard Springs E	Howard Springs 6	0.75	0.04	man-made
103	Humpty Doo J	Humpty Doo 10	0.27	0.01	man-made
104	Humpty Doo K	Humpty Doo 11	0.24	0.00	man-made
105	Humpty Doo L	Humpty Doo 12	0.24	0.00	man-made
106	Humpty Doo M	Humpty Doo 13	0.38	0.01	man-made
107	Humpty Doo N	Humpty Doo 14	8.02	3.86	man-made
108	Humpty Doo O	Humpty Doo (15-16)	1.79	0.21	man-made
109	Humpty Doo P	Humpty Doo 17	0.56	0.01	man-made
110	Humpty Doo D	Humpty Doo 4	1.34	0.07	man-made
111	Humpty Doo E	Humpty Doo 5	0.33	0.01	man-made
112	Humpty Doo F	Humpty Doo 6	1.29	0.04	man-made
113	Humpty Doo G	Humpty Doo 7	0.22	0.00	man-made
114	Humpty Doo H	Humpty Doo 8	0.28	0.00	man-made
115	Humpty Doo I	Humpty Doo 9	3.47	0.68	man-made
116	Kings Creek A	Kings Creek 1	7.79	2.50	man-made
117	Kings Creek B	Kings Creek 2	3.50	0.63	man-made
118	Kings Creek C	Kings Creek 3	5.85	1.96	man-made
119	Marlow Lagoon	Marlow Lagoon	8.38	2.24	man-made
120	Middle Arm A	Middle Arm 1	4.05	0.77	man-made
121	Middle Arm B	Middle Arm 2	5.64	0.82	man-made
122	Ninnis Creek D	Ninnis Creek 5	2.10	0.09	man-made
123	Ninnis Creek E	Ninnis Creek (6-7)	10.19	4.74	man-made
124	Palmerston North A	Palmerston North 1	1.21	0.08	man-made
125	Palmerston North C	Palmerston North 10	0.77	0.04	man-made
126	Palmerston North D	Palmerston North 11	5.92	1.89	man-made
127	Palmerston North E	Palmerston North 12	3.21	0.68	man-made
128	Palmerston North B	Palmerston North 7	3.81	0.65	man-made
129	Palmerston South A	Palmerston South 3	0.29	0.01	man-made
130	The Chase Ponds	The Chase Ponds	4.72	1.23	man-made
131	Thorak B	Thorak 4	0.74	0.03	man-made
132	Thorak D	Thorak (6 & 7)	4.15	0.95	man-made
133	Wickham A	Wickham 1	0.31	0.01	man-made
134	Wickham B	Wickham 2	0.18	0.00	man-made
135	5073-213	5073-213	0.85	0.04	man-made
136	5073-224	5073-224	0.97	0.06	man-made
137	5073-224 (1)	5073-224 (2-3)	1.94	0.19	man-made
138	5073-231	5073-231	1.18	0.07	man-made
139	Edwin Creek C	Edwin Creek 3	0.79	0.03	mixed

	Catchment name	Lagoon complex name	Perimeter (km)	Area (km²)	Wetland type
140	Girraween A	Girraween (1-2)	6.13	1.97	mixed
141	Howard River C	Howard River 5	9.94	1.34	mixed
142	Thorak C	Thorak 5	5.72	1.72	mixed
143	Howard River G	Howard River (12, 14, 16, 19 & 21)	4.36	0.46	mixed
144	London Lagoon	London Lagoon, Girraween 5 & 21	11.14	4.46	mixed
145	Freds Pass J	Wadham's Lagoon & Howard Springs 5	6.53	2.40	mixed

9. APPENDIX 2: TABLES WITH INDEX SCORES FOR INDIVIDUAL LAGOONS, LAGOON COMPLEXES AND CATCHMENTS

Table 40: CDI: Results of Land Use calculation in catchment and land use indicator (LU)

Catchments	Wet-land type	Total area (ha)	Conservation and Natural Environments - weight 0		Production from Relatively Natural Environments - weight 0.2		Production from Dryland Agriculture and Plantations - weight 0.48		Production from Irrigated Agriculture and Plantations - weight 0.7		Intensive Uses - weight 0.68		Water - weight 0		LU ^a	B A N D ^a
			(ha)	(%)	(ha)	(%)	(ha)	(%)	(ha)	(%)	(ha)	(%)	(ha)	(%)		
Benham's	n*	156.36	149.20	95.42	0	0	0	0	0	0	7.16	4.58	0	0	0.97	A
Benjamin	n	158.04	81.42	51.52	22.68	14.35	34.90	22.08	0	0	19.01	12.03	0.02	0.01	0.78	B
Dutchies A	n	359.11	74.09	20.63	37.88	10.55	143.65	40.00	14.14	3.94	76.63	21.34	12.72	3.54	0.61	B
Edwin Creek A	n	125.60	98.54	78.46	0	0	0	0	22.94	18.27	4.09	3.25	0.03	0.02	0.85	A
Edwin Creek B	n	107.31	24.26	22.60	8.34	7.77	6.74	6.28	49.62	46.24	18.13	16.89	0.23	0.21	0.52	C
Edwin Creek E	n	575.41	142.72	24.80	60.01	10.43	34.00	5.91	2	28.19	33.00	5.74	143.46	24.93	0.71	B
Fischer	n	120.74	101.00	83.65	0	0	0	0	0	0	0	0	19.74	16.35	1	A
Fischer A	n	93.43	93.43	100	0	0	0	0	0	0	0	0	0	0	1	A
Fischer B	n	82.97	82.97	100	0	0	0	0	0	0	0	0	0	0	1	A
Fischer C	n	259.74	253.69	97.67	0	0	0	0	0	0	0	0	6.05	2.33	1	A
Fischer D	n	224.91	224.91	100	0	0	0	0	0	0	0	0	0	0	1	A
Fischer E	n	107.87	102.31	94.85	0	0	0	0	0	0	0	0	5.56	5.15	1	A
Freds Pass A	n	50.68	8.15	16.08	0	0	0	0	0	0	42.53	83.92	0	0	0.43	C
Freds Pass D	n	13.50	4.22	31.23	0	0	1.66	12.30	6.88	50.94	0.60	4.41	0.15	1.11	0.55	C
Girraween	n	706.18	415.84	58.89	42.53	6.02	30.66	4.34	21.32	3.02	192.39	27.24	3.44	0.49	0.76	B
Girraween D	n	58.06	35.74	61.57	1.49	2.57	0.48	0.83	10.55	18.18	9.56	16.46	0.23	0.39	0.75	B
Girraween E	n	95.89	89.49	93.32	4.30	4.48	0	0	0	0	2.06	2.15	0.04	0.04	0.98	A
Girraween F	n	214.28	127.41	59.46	68.11	31.79	0	0	0	0	18.76	8.75	0	0	0.88	A
Girraween I	n	14.55	0	0	0	0	0	0	0	0	0	0	14.55	100	1	A
Girraween K	n	45.67	0	0	3.69	8.07	2.94	6.44	0	0	3.84	8.41	35.20	77.07	0.90	A
Herbert A	n	78.55	17.98	22.89	34.66	44.12	0	0	2.52	3.21	23.40	29.78	0	0	0.69	B
Herbert C	n	341.42	162.23	47.52	37.38	10.95	9.70	2.84	66.99	19.62	65.10	19.07	0	0	0.70	B
Herbert J	n	228.54	181.37	79.36	0	0	47.17	20.64	0	0	0	0	0	0	0.90	A
Howard River D	n	224.35	222.38	99.12	0	0	0	0	0	0	1.96	0.87	0.01	0.00	0.99	A
Howard River F	n	52.40	45.95	87.69	1.13	2.16	0.98	1.87	0.90	1.72	0	0	3.43	6.55	0.97	A
Howard River I	n	89.56	76.79	85.74	0	0	0	0	0	0	0	0	12.77	14.26	1	A
Howard River L	n	453.09	453.09	100	0	0	0	0	0	0	0	0	0	0	1	A
Howard Springs A	n	81.68	79.28	97.06	0	0	0	0	0	0	2.40	2.94	0	0	0.98	A
Howard Springs B	n	76.61	69.27	90.42	0	0	0	0	0.32	0.41	7.02	9.16	0.00	0.00	0.93	A
Howard Springs D	n	8.99	8.99	99.99	0	0	0	0	0	0	0	0	0.00	0.01	1	A
Humpty Doo A	n	561.14	127.44	22.71	50.44	8.99	109.08	19.44	59.29	10.57	214.27	38.19	0.62	0.11	0.56	C
Humpty Doo B	n	13.42	0	0	0	0	13.42	99.99	0	0	0	0	0.00	0.01	0.52	C
Humpty Doo C	n	118.75	54.73	46.08	12.05	10.15	26.80	22.57	5.32	4.48	19.85	16.72	0	0	0.73	B
Ironstone Lagoon	n	195.64	2.87	1.47	0	0	0	0	0	0	192.76	98.53	0	0	0.33	D
Knuckey's Koolpinyah A	n	210.13	43.04	20.48	0	0	4.04	1.92	8.43	4.01	154.53	73.54	0.10	0.05	0.46	C
Koolpinyah	n	17.84	3.25	18.19	0	0	14.59	81.81	0	0	0	0	0	0	0.61	C
Koolpinyah	n	416.52	394.54	94.72	0	0	0	0	0	0	5.24	1.26	16.74	4.02	0.99	A

Catchments	Wet-land type	Total area (ha)	Conservation and Natural Environments - weight 0		Production from Relatively Natural Environments - weight 0.2		Production from Dryland Agriculture and Plantations - weight 0.48		Production from Irrigated Agriculture and Plantations - weight 0.7		Intensive Uses - weight 0.68		Water - weight 0		LU ^a	B A N D *
			(ha)	(%)	(ha)	(%)	(ha)	(%)	(ha)	(%)	(ha)	(%)	(ha)	(%)		
B																
Koolpinyah C	n	388.08	362.28	93.35	0	0	0	0	0	0	2.40	0.62	23.40	6.03	1.00	A
Koolpinyah D	n	260.41	236.97	91.00	0	0	0	0	0	0	0	0	23.44	9.00	1	A
Koolpinyah E	n	70.17	68.91	98.20	0	0	0	0	0	0	0.64	0.92	0.62	0.89	0.99	A
Korebum	n	590.53	586.40	99.30	0	0	0	0	0	0	2.11	0.36	2.01	0.34	1.00	A
Kurrubam A	n	125.52	125.26	99.79	0	0	0	0	0	0	0	0	0.26	0.21	1	A
Kurrubam B	n	268.49	259.29	96.57	0	0	0	0	0	0	9.20	3.43	0	0	0.98	A
Kurrubam C	n	209.73	200.49	95.59	0	0	0	0	0	0	0	0	9.24	4.41	1	A
Kurrubam D	n	47.16	47.16	100	0	0	0	0	0	0	0	0	0	0	1	A
Limul Limul A	n	150.52	147.85	98.23	0	0	0	0	0	0	2.16	1.44	0.50	0.33	0.99	A
Limul Limul B	n	328.40	326.50	99.42	0	0	0	0	0	0	0	0	1.90	0.58	1	A
Limul Limul C	n	282.86	281.29	99.44	0	0	0	0	0	0	0	0	1.57	0.56	1	A
Limul Limul D	n	114.61	114.6123	100	0	0	0	0	0	0	0	0	0	0	1	A
Lyons Lagoon	n	287.66	251.63	87.47	0	0	0	0	0	0	3.81	1.33	32.22	11.20	0.99	A
McMinns Lagoon	n	519.13	154.96	29.85	44.19	8.51	77.73	14.97	29.11	5.61	211.32	40.71	1.81	0.35	0.60	B
Ninnis Creek A	n	199.81	199.73	99.96	0	0	0	0	0	0	0	0	0.08	0.04	1	A
Ninnis Creek B	n	853.19	773.91	90.71	0	0	0	0	0	0	0	0	79.27	9.29	1	A
Noonamah A Pumphouse Lagoon	n	87.83	0	0	0	0	77.07	87.75	1.95	2.22	8.69	9.90	0.11	0.13	0.50	C
Quambi Lagoon	n	234.50	228.98	97.64	0	0	0	0	0	0	5.52	2.36	0.00	0.00	0.98	A
Thorak A Waterlily Lagoon	n	389.89	322.91	82.82	0	0	65.16	16.71	0	0	1.20	0.31	0.61	0.16	0.92	A
Chase Ponds	ma*	6.46	6.14	94.93	0	0	0	0	0	0	0.33	5.07	0	0	0.97	A
East Arm A Edwin Creek H	ma	83.76	48.83	58.29	0.02	0.02	7.45	8.89	2.53	3.02	24.94	29.77	0	0	0.73	B
Fairway Waters A	ma	120.07	34.41	28.66	0	0	4.62	3.85	0	0	81.03	67.49	0.00	0.00	0.52	C
Fairway Waters B	ma	14.40	13.84	96.13	0	0	0	0	0	0	0.56	3.87	0	0	0.97	A
Freds Pass B	ma	4.38	4.38	100	0	0	0	0	0	0	0	0	0	0	1	A
Freds Pass C	ma	28.84	15.63	54.19	0	0	0	0	0	0	10.61	36.80	2.60	9.01	0.75	B
Freds Pass F	ma	110.89	8.39	7.57	0	0	0	0	0	0	102.50	92.43	0	0	0.37	D
Freds Pass G	ma	111.19	7.72	6.94	0	0	0	0	0	0	103.48	93.06	0	0	0.37	D
Freds Pass H	ma	11.92	3.04	25.48	3.54	29.66	2.51	21.09	0	0	2.83	23.77	0	0	0.68	B
Girraween B	ma	165.55	98.01	59.21	2.00	1.21	8.29	5.01	6.34	3.83	46.09	27.84	4.81	2.91	0.76	B
Girraween C	ma	74.97	60.08	80.14	1.99	2.66	7.60	10.13	0	0	4.65	6.20	0.65	0.87	0.90	A
Girraween H	ma	94.09	11.65	12.38	7.93	8.43	0.57	0.60	7.20	7.65	66.74	70.93	0	0	0.44	C
Girraween L	ma	48.56	14.56	29.99	15.26	31.42	14.21	29.25	3.88	7.99	0.66	1.35	0	0	0.73	B
Howard River A	ma	14.20	0	0	0	0	0	0	0	0	0	0	14.20	100	1	A
Howard River B	ma	88.22	33.19	37.62	14.29	16.20	8.26	9.37	13.54	15.35	17.76	20.13	1.18	1.33	0.68	B
Howard River K	ma	1.54	0.57	36.96	0.35	23.01	0	0	0	0	0.62	40.03	0	0	0.68	B
Herbert H	ma	20.07	0	0	0	0	0	0	0	0	0.59	2.94	19.48	97.06	0.98	A
Howard River A	ma	65.71	33.01	50.24	0	0	0	0	0	0	0	0	32.70	49.76	1	A
Howard River B	ma	45.78	21.64	47.26	6.21	13.56	3.69	8.06	0.36	0.78	13.89	30.33	0	0	0.72	B
Howard River K	ma	0.32	0.29	90.79	0	0	0	0	0	0	0.03	9.21	0	0	0.94	A
Howard River K	ma	68.24	14.60	21.40	0.23	0.33	8.17	11.97	16.87	24.73	22.86	33.50	5.51	8.07	0.54	C

Catchments	Wet-land type	Total area (ha)	Conservation and Natural Environments - weight 0		Production from Relatively Natural Environments - weight 0.2		Production from Dryland Agriculture and Plantations - weight 0.48		Production from Irrigated Agriculture and Plantations - weight 0.7		Intensive Uses - weight 0.68		Water - weight 0		LU ^a	BAND ^a		
			(ha)	(%)	(ha)	(%)	(ha)	(%)	(ha)	(%)	(ha)	(%)	(ha)	(%)			(ha)	(%)
Humpty Doo I	ma	37.66	36.67	97.39	0	0	0	0	0	0	0.98	2.61	0	0	0.98	A		
Humpty Doo N	ma	310.90	301.33	96.92	0	0	8.94	2.88	0	0	0	0	0.63	0.20	0.99	A		
Humpty Doo O	ma	18.81	2.50	13.31	10.51	55.87	0	0	0	0	5.80	30.83	0	0	0.68	B		
Kings Creek A	ma	194.48	171.74	13.67	0	0	1.97	1.01	0	0	145.10	0	20.77	10.68	1.00	A		
Kings Creek B	ma	59.15	58.79	99.40	0	0	0	0	0	0	0.36	0.60	0	0	1.00	A		
Kings Creek C	ma	113.69	108.96	95.85	0	0	0	0	0	0	4.54	3.99	0.19	0.16	0.97	A		
Marlow Lagoon	ma	213.66	35.63	16.67	0	0	0	0	0	0	178.03	83.33	0	0	0.43	C		
Ninnis Creek E	ma	121.47	110.86	91.26	0	0	0	0	0	0	0	0	10.61	8.74	1	A		
Palmerston North A	ma	5.98	0	0	0	0	0	0	0	0	5.98	100	0	0	0.32	D		
Palmerston North B	ma	63.88	32.46	50.81	0	0	0	0	0	0	31.42	49.19	0	0	0.67	B		
Palmerston North C	ma	0.67	0	0	0	0	0	0	0	0	0.67	100	0	0	0.32	D		
Palmerston North D	ma	107.65	89.35	82.99	0	0	2.50	2.32	0	0	15.81	14.68	0	0	0.89	A		
Palmerston North E	ma	54.35	54.35	100	0	0	0	0	0	0	0	0	0	0	1	A		
Thorak B	ma	2.53	0	0	0	0	0	0	0	0	2.53	100	0	0	0.32	D		
Thorak D	ma	69.09	68.08	98.54	0	0	0	0	0	0	1.01	1.46	0	0	0.99	A		
5073-213	ma	2.78	2.59	93.23	0	0	0	0	0	0	0.19	6.77	0	0	0.95	A		
5073-224	ma	4.42	0	0	0	0	0	0	0	0	4.42	100.0	0	0	0.32	D		
5073-224 (1)	ma	16.62	2.01	12.11	0	0	0	0	0	0	14.61	87.89	0	0	0.40	C		
5073-231	ma	5.25	0	0	0	0	0	0	0	0	5.25	100.0	0	0	0.32	D		
Freds Pass J	mi*	230.32	30.12	13.08	45.82	19.89	31.13	13.51	15.18	6.59	107.92	46.86	0.16	0.07	0.53	C		
Girraween A	mi	151.41	32.85	21.70	20.42	13.49	5.47	3.61	26.34	17.40	65.41	43.20	0.92	0.61	0.54	C		
Howard River G	mi	29.22	14.10	48.25	0	0	2.20	7.55	0.56	1.91	11.92	40.81	0.43	1.49	0.67	B		
London Lagoon	mi	397.66	84.53	21.26	98.80	24.85	4.80	1.21	47.11	11.85	158.38	39.83	4.04	1.02	0.59	C		
Thorak C	mi	102.84	99.70	96.94	0	0	0	0	0	0	2.71	2.64	0.43	0.42	0.98	A		

*: n = natural, ma = man-made, mi = mixed

^a: the LU indicator score can not be lower than 0.3, which means that the Band E is not possible for this sub-index score, the banding is used as a guide only

Table 41: CDI: Lagoon catchment disturbance (LCC) using land clearing as indicator

Catchment name	Wetland type	Catchment area (ha)	Cleared area (ha)	Cleared area (%)	LCC*	Band*
Benham's	natural	156.36	12.79	8.18	0.94	A
Benjamin	natural	158.04	43.78	27.70	0.81	A
Dutchies A	natural	359.11	275.61	76.75	0.48	C
Edwin Creek A	natural	125.60	27.22	21.67	0.85	A
Edwin Creek B	natural	107.31	74.44	69.37	0.53	C
Edwin Creek E	natural	561.23	285.58	50.88	0.65	B
Fischer	natural	120.74	5.85	4.85	0.97	A
Fischer A	natural	93.43	0.31	0.33	1	A
Fischer B	natural	82.97	7.91	9.53	0.94	A
Fischer C	natural	259.74	20.27	7.80	0.95	A
Fischer D	natural	224.91	0.00	0.00	1	A
Fischer E	natural	107.87	7.18	6.66	0.95	A
Freds Pass A	natural	50.68	46.76	92.25	0.37	D
Freds Pass D	natural	13.50	9.79	72.52	0.51	C
Girraween	natural	706.18	311.87	44.16	0.70	B
Girraween D	natural	58.06	26.45	45.55	0.69	B
Girraween E	natural	95.89	7.35	7.66	0.95	A
Girraween F	natural	214.28	82.79	38.64	0.74	B
Girraween I	natural	14.55	12.10	83.13	0.43	C
Girraween K	natural	45.67	22.39	49.03	0.67	B
Herbert A	natural	78.55	36.91	46.98	0.68	B
Herbert C	natural	341.42	136.51	39.98	0.73	B
Herbert J	natural	228.54	0	0	1	A
Howard River D	natural	224.35	12.80	5.70	0.96	A
Howard River F	natural	52.40	38.74	73.92	0.50	C
Howard River I	natural	89.56	53.48	59.71	0.59	C
Howard River L	natural	453.09	2.55	0.56	1	A
Howard Springs A	natural	81.68	4.29	5.26	0.96	A
Howard Springs B	natural	76.61	11.91	15.55	0.89	A
Howard Springs D	natural	8.99	0.86	9.60	0.93	A
Humpty Doo A	natural	561.14	462.81	82.48	0.44	C
Humpty Doo B	natural	13.42	13.42	100	0.32	D
Humpty Doo C	natural	118.75	65.79	55.40	0.62	B
Ironstone Lagoon	natural	195.64	147.10	75.19	0.49	C
Knuckey's	natural	210.13	199.61	94.99	0.35	D
Koolpinyah A	natural	17.84	17.84	100	0.32	D
Koolpinyah B	natural	416.52	8.85	2.12	0.99	A
Koolpinyah C	natural	388.08	6.99	1.80	0.99	A
Koolpinyah D	natural	260.41	0	0	1	A
Koolpinyah E	natural	70.17	2.83	4.03	0.97	A
Korebum	natural	590.53	5.84	0.99	0.99	A
Kurrubam A	natural	112.44	0	0	1.00	A
Kurrubam B	natural	242.22	35.68	14.73	0.90	A
Kurrubam C	natural	209.73	7.22	3.44	0.98	A
Kurrubam D	natural	47.16	3.08	6.54	0.96	A
Limul Limul A	natural	150.52	0.51	0.34	1	A

Catchment name	Wetland type	Catchment area (ha)	Cleared area (ha)	Cleared area (%)	LCC*	Band*
Limul Limul B	natural	328.40	4.24	1.29	0.99	A
Limul Limul C	natural	282.86	17.54	6.20	0.96	A
Limul Limul D	natural	114.61	4.14	3.61	0.98	A
Lyons Lagoon	natural	287.66	15.64	5.44	0.96	A
McMinns Lagoon	natural	519.13	401.02	77.25	0.47	C
Ninnis Creek A	natural	199.81	1.23	0.62	1	A
Ninnis Creek B	natural	853.19	12.51	1.47	0.99	A
Noonamah A	natural	55.84	55.84	100	0.32	D
Pumphouse Lagoon	natural	234.50	41.05	17.51	0.88	A
Quambi Lagoon	natural	361.56	62.26	17.22	0.88	A
Thorak A	natural	6.46	3.70	57.25	0.61	B
Waterlily Lagoon	natural	83.76	47.34	56.51	0.62	B
East Arm A	man-made	14.40	14.40	100	0.32	D
Edwin Creek H	man-made	4.38	3.63	82.79	0.44	C
Fairway Waters	man-made	28.84	9.31	32.28	0.78	B
Fairway Waters A	man-made	110.89	110.89	100	0.32	D
Fairway Waters B	man-made	111.19	108.63	97.70	0.34	D
Freds Pass B	man-made	11.92	10.92	91.59	0.38	D
Freds Pass C	man-made	165.55	91.76	55.43	0.62	B
Freds Pass F	man-made	74.97	35.03	46.72	0.68	B
Freds Pass G	man-made	94.09	81.21	86.31	0.41	C
Freds Pass H	man-made	48.56	41.00	84.42	0.43	C
Girraween B	man-made	14.20	14.20	100	0.32	D
Girraween C	man-made	88.22	49.32	55.90	0.62	B
Girraween H	man-made	1.54	0.91	58.72	0.60	B
Girraween L	man-made	20.07	20.07	100	0.32	D
Herbert H	man-made	65.71	40.82	62.12	0.58	C
Howard River A	man-made	45.78	41.61	90.90	0.38	D
Howard River B	man-made	0.32	0.04	11.98	0.92	A
Howard River K	man-made	68.24	55.40	81.18	0.45	C
Humpty Doo I	man-made	37.66	17.42	46.26	0.69	B
Humpty Doo N	man-made	310.90	30.61	9.85	0.93	A
Humpty Doo O	man-made	18.81	14.13	75.09	0.49	C
Kings Creek A	man-made	194.48	55.32	28.45	0.81	A
Kings Creek B	man-made	59.15	48.47	81.95	0.44	C
Kings Creek C	man-made	113.69	20.36	17.90	0.88	A
Marlow Lagoon	man-made	213.66	190.52	89.17	0.39	D
Ninnis Creek E	man-made	121.47	20.33	16.73	0.89	A
Palmerston North A	man-made	5.98	5.98	100	0.32	D
Palmerston North B	man-made	63.88	6.27	9.81	0.93	A
Palmerston North C	man-made	0.67	0.67	100	0.32	D
Palmerston North D	man-made	107.65	66.05	61.36	0.58	C
Palmerston North E	man-made	54.35	42.50	78.20	0.47	C
The Chase Ponds	man-made	120.07	108.73	90.56	0.38	D
Thorak B	man-made	2.53	2.53	100	0.32	D
Thorak D	man-made	69.09	54.64	79.09	0.46	C
5073-213	man-made	2.78	2.26	81.18	0.45	C

Catchment name	Wetland type	Catchment area (ha)	Cleared area (ha)	Cleared area (%)	LCC*	Band*
5073-224	man-made	4.42	4.42	100	0.32	D
5073-224 (1)	man-made	16.62	16.62	100	0.32	D
5073-231	man-made	5.25	5.25	100	0.32	D
Freds Pass J	mixed	230.32	181.34	78.73	0.46	C
Girraween A	mixed	151.41	115.18	76.07	0.48	C
Howard River G	mixed	29.22	25.25	86.43	0.41	C
London Lagoon	mixed	397.66	330.16	83.03	0.44	C
Thorak C	mixed	102.84	71.24	69.27	0.53	C

*: the LCC indicator score can not be lower than 0.3, which means that the Band E is not possible for this sub-index score, the banding is used as a guide only

Table 42: CDI: Infrastructure indicator (I) based on the road areas in each catchment.

Catchment name	Wetland type	Catchment area (ha)	Roads area (ha)	Roads area (%)	I*	Band*
Benham's	natural	156.36	7.16	4.58	0.97	A
Benjamin	natural	158.04	7.82	4.95	0.97	A
Dutchies A	natural	359.11	19.05	5.30	0.96	A
Edwin Creek A	natural	125.60	2.25	1.79	0.99	A
Edwin Creek B	natural	107.31	0	0	1	A
Edwin Creek E	natural	575.41	26.19	4.55	0.97	A
Fischer	natural	120.74	0	0	1	A
Fischer A	natural	93.43	0	0	1	A
Fischer B	natural	82.97	0	0	1	A
Fischer C	natural	259.74	0	0	1	A
Fischer D	natural	224.91	0	0	1	A
Fischer E	natural	107.87	0	0	1	A
Freds Pass A	natural	50.68	4.19	8.27	0.94	A
Freds Pass D	natural	13.50	0	0	1	A
Girraween	natural	706.18	22.51	3.19	0.98	A
Girraween D	natural	58.06	0.23	0.40	1	A
Girraween E	natural	95.89	2.06	2.15	0.98	A
Girraween F	natural	214.28	8.54	3.98	0.97	A
Girraween I	natural	14.55	0	0	1	A
Girraween K	natural	45.67	2.82	6.18	0.96	A
Herbert A	natural	78.55	5.50	7.00	0.95	A
Herbert C	natural	341.42	16.15	4.73	0.97	A
Herbert J	natural	228.54	0	0	1	A
Howard River D	natural	224.35	1.96	0.87	0.99	A
Howard River F	natural	52.40	0	0	1	A
Howard River I	natural	89.56	0	0	1	A
Howard River L	natural	453.09	0	0	1	A
Howard Springs A	natural	81.68	2.40	2.94	0.98	A
Howard Springs B	natural	76.61	0.46	0.60	1	A
Howard Springs D	natural	8.99	0	0	1	A
Humpty Doo A	natural	561.14	24.91	4.44	0.97	A
Humpty Doo B	natural	13.42	0	0	1	A
Humpty Doo C	natural	118.75	3.53	2.97	0.98	A
Ironstone Lagoon	natural	195.64	16.29	8.33	0.94	A
Knuckey's	natural	210.13	14.77	7.03	0.95	A
Koolpinyah A	natural	17.84	0	0	1	A
Koolpinyah B	natural	416.52	5.24	1.26	0.99	A
Koolpinyah C	natural	388.08	2.40	0.62	1	A
Koolpinyah D	natural	260.41	0	0	1	A
Koolpinyah E	natural	70.17	0.64	0.92	0.99	A
Korebum	natural	590.53	2.11	0.36	1	A
Kurrubam A	natural	125.52	0	0	1	A
Kurrubam B	natural	268.49	9.20	3.43	0.98	A
Kurrubam C	natural	209.73	0	0	1	A
Kurrubam D	natural	47.16	0	0	1	A
Limul Limul A	natural	150.52	2.16	1.44	0.99	A

Catchment name	Wetland type	Catchment area (ha)	Roads area (ha)	Roads area (%)	I*	Band*
Limul Limul B	natural	328.40	0	0	1	A
Limul Limul C	natural	282.86	0	0	1	A
Limul Limul D	natural	114.61	0	0	1	A
Lyons Lagoon	natural	287.66	3.81	1.33	0.99	A
McMinns Lagoon	natural	519.13	30.06	5.79	0.96	A
Ninnis Creek A	natural	199.81	0	0	1	A
Ninnis Creek B	natural	853.19	0	0	1	A
Noonamah A	natural	87.83	1.82	2.07	0.99	A
Pumphouse Lagoon	natural	234.50	5.52	2.36	0.98	A
Quambi Lagoon	natural	389.89	1.20	0.31	1	A
Thorak A	natural	6.46	0.33	5.07	0.96	A
Waterlily Lagoon	natural	83.76	3.50	4.18	0.97	A
East Arm A	man-made	14.40	0.01	0.04	1	A
Edwin Creek H	man-made	4.38	0	0	1	A
Fairway Waters	man-made	28.84	3.28	11.37	0.92	A
Fairway Waters A	man-made	110.89	22.68	20.46	0.86	A
Fairway Waters B	man-made	111.19	16.49	14.83	0.90	A
Freds Pass B	man-made	11.92	1.17	9.79	0.93	A
Freds Pass C	man-made	165.55	8.68	5.24	0.96	A
Freds Pass F	man-made	74.97	1.31	1.75	0.99	A
Freds Pass G	man-made	94.09	10.27	10.91	0.92	A
Freds Pass H	man-made	48.56	0.17	0.34	1	A
Girraween B	man-made	14.20	0	0	1	A
Girraween C	man-made	88.22	5.37	6.09	0.96	A
Girraween H	man-made	1.54	0	0	1	A
Girraween L	man-made	20.07	0.59	2.94	0.98	A
Herbert H	man-made	65.71	0	0	1	A
Howard River A	man-made	45.78	3.72	8.12	0.94	A
Howard River B	man-made	0.32	0.03	9.21	0.94	A
Howard River K	man-made	68.24	1.75	2.56	0.98	A
Humpty Doo I	man-made	37.66	0.98	2.61	0.98	A
Humpty Doo N	man-made	310.90	0	0	1	A
Humpty Doo O	man-made	18.81	2.34	12.46	0.91	A
Kings Creek A	man-made	194.48	0	0	1	A
Kings Creek B	man-made	59.15	0.36	0.60	1	A
Kings Creek C	man-made	113.69	1.15	1.01	0.99	A
Marlow Lagoon	man-made	213.66	33.45	15.66	0.89	A
Ninnis Creek E	man-made	121.47	0	0	1	A
Palmerston North A	man-made	5.98	0	0	1	A
Palmerston North B	man-made	63.88	2.00	3.12	0.98	A
Palmerston North C	man-made	0.67	0.05	7.03	0.95	A
Palmerston North D	man-made	107.65	0.23	0.22	1	A
Palmerston North E	man-made	54.35		0	1	A
The Chase Ponds	man-made	120.07	33.63	28.01	0.80	A
Thorak B	man-made	2.53	00	0	1	A
Thorak D	man-made	69.09	0.77	1.11	0.99	A
5073-213	man-made	2.78	0	0	1	A

Catchment name	Wetland type	Catchment area (ha)	Roads area (ha)	Roads area (%)	I*	Band*
5073-224	man-made	4.42	0	0	1	A
5073-224 (1)	man-made	16.62	0.54	3.23	0.98	A
5073-231	man-made	5.25	0.07	1.28	0.99	A
Freds Pass J	mixed	230.32	15.45	6.71	0.95	A
Girraween A	mixed	151.41	8.36	5.52	0.96	A
Howard River G	mixed	29.22	0.53	1.80	0.99	A
London Lagoon	mixed	397.66	20.66	5.20	0.96	A
Thorak C	mixed	102.84	2.71	2.64	0.98	A

*: the Infrastructure indicator score can not be lower than 0.3, which means that the Band E is not possible for this sub-index score, the banding is used as a guide only

Table 43: Catchment Disturbance Index (CDI) scores (LU: Land Use sub score, LCC: Land Cover Change sub score, I: Infrastructure sub score)

Catchment name	Wetland type	LU	LCC	I	CDI	Band
Benham's	natural	0.97	0.94	0.97	0.88	A
Benjamin	natural	0.78	0.81	0.97	0.56	C
Dutchies A	natural	0.61	0.48	0.96	0.06	E
Edwin Creek A	natural	0.85	0.85	0.99	0.69	B
Edwin Creek B	natural	0.52	0.53	1	0.04	E
Edwin Creek E	natural	0.71	0.65	0.97	0.34	D
Fischer	natural	1	0.97	1	0.97	A
Fischer A	natural	1	1	1	1	A
Fischer B	natural	1	0.94	1	0.94	A
Fischer C	natural	1	0.95	1	0.95	A
Fischer D	natural	1	1	1	1	A
Fischer E	natural	1	0.95	1	0.95	A
Freds Pass A	natural	0.43	0.37	0.94	0	E
Freds Pass D	natural	0.55	0.51	1	0.06	E
Girraween	natural	0.76	0.70	0.98	0.44	C
Girraween D	natural	0.75	0.69	1	0.44	C
Girraween E	natural	0.98	0.95	0.98	0.91	A
Girraween F	natural	0.88	0.74	0.97	0.59	C
Girraween I	natural	1	0.43	1	0.43	C
Girraween K	natural	0.90	0.67	0.96	0.52	C
Herbert A	natural	0.69	0.68	0.95	0.32	D
Herbert C	natural	0.70	0.73	0.97	0.39	D
Herbert J	natural	0.90	1	1	0.90	A
Howard River D	natural	0.99	0.96	0.99	0.95	A
Howard River F	natural	0.97	0.50	1	0.47	C
Howard River I	natural	1	0.59	1	0.59	C
Howard River L	natural	1	1	1	1	A
Howard Springs A	natural	0.98	0.96	0.98	0.92	A
Howard Springs B	natural	0.93	0.89	1	0.82	A
Howard Springs D	natural	1	0.93	1	0.93	A
Humpty Doo A	natural	0.56	0.44	0.97	0	E
Humpty Doo B	natural	0.52	0.32	1	0	E
Humpty Doo C	natural	0.73	0.62	0.98	0.33	D
Ironstone Lagoon	natural	0.33	0.49	0.94	0	E
Knuckey's	natural	0.46	0.35	0.95	0	E
Koolpinyah A	natural	0.61	0.32	1	0	E
Koolpinyah B	natural	0.99	0.99	0.99	0.97	A
Koolpinyah C	natural	1.00	0.99	1	0.98	A
Koolpinyah D	natural	1	1	1	1	A
Koolpinyah E	natural	0.99	0.97	0.99	0.96	A
Korebum	natural	1.00	0.99	1	0.99	A
Kurrubam A	natural	1	1.00	1	1	A
Kurrubam B	natural	0.98	0.90	0.98	0.85	A
Kurrubam C	natural	1	0.98	1	0.98	A
Kurrubam D	natural	1	0.96	1	0.96	A

Catchment name	Wetland type	LU	LCC	I	CDI	Band
Limul Limul A	natural	0.99	1	0.99	0.98	A
Limul Limul B	natural	1	0.99	1	0.99	A
Limul Limul C	natural	1	0.96	1	0.96	A
Limul Limul D	natural	1	0.98	1	0.98	A
Lyons Lagoon	natural	0.99	0.96	0.99	0.94	A
McMinns Lagoon	natural	0.60	0.47	0.96	0.03	E
Ninnis Creek A	natural	1	1	1	1	A
Ninnis Creek B	natural	1	0.99	1	0.99	A
Noonamah A	natural	0.50	0.32	0.99	0	E
Pumphouse Lagoon	natural	0.98	0.88	0.98	0.85	A
Quambi Lagoon	natural	0.92	0.88	1	0.80	A
Thorak A	natural	0.97	0.61	0.96	0.54	C
Waterlily Lagoon	natural	0.73	0.62	0.97	0.32	D
East Arm A	man-made	0.97	0.32	1	0.29	D
Edwin Creek H	man-made	1	0.44	1	0.44	C
Fairway Waters	man-made	0.75	0.78	0.92	0.45	C
Fairway Waters A	man-made	0.37	0.32	0.86	0	E
Fairway Waters B	man-made	0.37	0.34	0.90	0	E
Freds Pass B	man-made	0.68	0.38	0.93	0	E
Freds Pass C	man-made	0.76	0.62	0.96	0.34	D
Freds Pass F	man-made	0.90	0.68	0.99	0.57	C
Freds Pass G	man-made	0.44	0.41	0.92	0	E
Freds Pass H	man-made	0.73	0.43	1	0.16	E
Girraween B	man-made	1	0.32	1	0.32	D
Girraween C	man-made	0.68	0.62	0.96	0.26	D
Girraween H	man-made	0.68	0.60	1	0.28	D
Girraween L	man-made	0.98	0.32	0.98	0.28	D
Herbert H	man-made	1	0.58	1	0.58	C
Howard River A	man-made	0.72	0.38	0.94	0.05	E
Howard River B	man-made	0.94	0.92	0.94	0.79	B
Howard River K	man-made	0.54	0.45	0.98	0	E
Humpty Doo I	man-made	0.98	0.69	0.98	0.65	B
Humpty Doo N	man-made	0.99	0.93	1	0.92	A
Humpty Doo O	man-made	0.68	0.49	0.91	0.08	E
Kings Creek A	man-made	1.00	0.81	1	0.80	A
Kings Creek B	man-made	1.00	0.44	1	0.43	C
Kings Creek C	man-made	0.97	0.88	0.99	0.84	A
Marlow Lagoon	man-made	0.43	0.39	0.89	0	E
Ninnis Creek E	man-made	1	0.89	1	0.89	A
Palmerston North A	man-made	0.32	0.32	1	0	E
Palmerston North B	man-made	0.67	0.93	0.98	0.58	C
Palmerston North C	man-made	0.32	0.32	0.95	0	E
Palmerston North D	man-made	0.89	0.58	1	0.47	C
Palmerston North E	man-made	1	0.47	1	0.47	C
The Chase Ponds	man-made	0.52	0.38	0.80	0	E
Thorak B	man-made	0.32	0.32	1	0	E
Thorak D	man-made	0.99	0.46	0.99	0.44	C

Catchment name	Wetland type	LU	LCC	I	CDI	Band
5073-213	man-made	0.95	0.45	1	0.40	C
5073-224	man-made	0.32	0.32	1	0	E
5073-224 (1)	man-made	0.40	0.32	0.98	0	E
5073-231	man-made	0.32	0.32	0.99	0	E
Freds Pass J	mixed	0.53	0.46	0.95	0	E
Girraween A	mixed	0.54	0.48	0.96	0	E
Howard River G	mixed	0.67	0.41	0.99	0.07	E
London Lagoon	mixed	0.59	0.44	0.96	0	E
Thorak C	mixed	0.98	0.53	0.98	0.49	C

Table 44: PDI: The results of the ‘proximity sub score’ and ‘distance’ and ‘natural perimeter’ sub-scores used to calculate it

Lagoon complex name	Wetland type	Nearest lagoon complex	Distance to nearest lagoon (m)	Distance score (Golus et al.)	Perimeter (km)	Natural perimeter (km)	Natural perimeter %	Natural perimeter score (Golus et al.)	Proximity score (Golus et al.)	Proximity score (Conversion 1-0)	Band
Benham's Lagoon	natural	Benjamin Lagoon	1240.19	2	1.794	1.79	100.00	4	6	0.75	B
Benjamin Lagoon	natural	Herbert 2	523.81	3	1.191	0.71	59.29	3	6	0.75	B
Bennetts Waterhole	natural	Bennetts Creek 1	711.96	3	0.288	0.21	71.77	3	6	0.75	B
Dutchies 3	natural	Dutchies Lagoon	799.73	3	0.800	0.80	100.00	4	7	0.875	A
Dutchies Lagoon	natural	Dutchies 3	799.73	3	3.503	2.02	57.78	3	6	0.75	B
Edwin Creek 1	natural	Edwin Creek 5	601.13	3	2.929	2.89	98.59	4	7	0.875	A
Edwin Creek 2	natural	Humpty Doo 16	1135.07	2	1.259	0.80	63.18	3	5	0.625	B
Edwin Creek 5	natural	Edwin Creek 1	601.13	3	0.737	0.56	76.51	3	6	0.75	B
Fischer 2	natural	Fischer 7	54.06	4	4.008	4.01	100.00	4	8	1	A
Fischer 3	natural	Fischer Lagoon	374.01	3	2.152	2.15	100.00	4	7	0.875	A
Fischer 4	natural	Limul Limul 6	540.16	3	4.343	4.34	100.00	4	7	0.875	A
Fischer 6	natural	Fischer 4	1642.41	2	1.083	1.08	100.00	4	6	0.75	B
Fischer 7	natural	Fischer 2	54.06	4	0.369	0.37	100.00	4	8	1	A
Fischer 8	natural	Fischer 7	140.00	4	0.995	1.00	100.00	4	8	1	A
Fischer 9	natural	Fischer 4	802.02	3	0.615	0.62	100.00	4	7	0.875	A
Fischer Lagoon	natural	Lyons Lagoon	130.39	4	5.626	5.63	100.00	4	8	1	A
Freds Pass 11	natural	Freds Pass 5	6.54	4	0.348	0.00	0.00	0	4	0.5	C
Freds Pass 13	natural	Freds Pass 10	371.19	3	0.406	0.00	0.00	0	3	0.375	D
Freds Pass 5 Fred's Pass Lagoon	natural	Freds Pass 11	6.54	4	1.026	0.79	77.18	3	7	0.875	A
	natural	Freds Pass 6	1200.09	2	0.597	0.04	6.57	1	3	0.375	D
Girraween 10	natural	Girraween 14	705.22	3	2.727	2.73	100.00	4	7	0.875	A
Girraween 15	natural	Girraween 16	78.53	4	1.348	1.35	100.00	4	8	1	A
Girraween 16	natural	Girraween 15	78.53	4	0.323	0.32	100.00	4	8	1	A
Girraween 17	natural	Humpty Doo 1	530.04	3	0.434	0.39	89.91	4	7	0.875	A
Girraween 18	natural	Girraween 19	216.24	3	0.423	0.28	65.84	3	6	0.75	B
Girraween 19	natural	Girraween 18	216.24	3	0.589	0.59	100.00	4	7	0.875	A
Girraween 2	natural	Girraween 1	97.21	4	1.116	0.72	64.62	3	7	0.875	A
Girraween 22	natural	Girraween 18	433.06	3	0.681	0.00	0.00	0	3	0.375	D
Girraween 3	natural	Girraween Lagoon	329.35	3	1.121	1.07	95.55	4	7	0.875	A
Girraween 5	natural	London Lagoon	14.60	4	2.188	1.42	64.86	3	7	0.875	A
Girraween 6	natural	Girraween 11	16.06	4	2.426	2.39	98.41	4	8	1	A
Girraween 8	natural	Girraween 6	447.67	3	1.169	1.17	100.00	4	7	0.875	A
Girraween 9	natural	Girraween 14	937.45	3	0.991	0.86	86.77	4	7	0.875	A
Girraween Lagoon	natural	Girraween 6	278.64	3	3.379	3.38	100.00	4	7	0.875	A
Herbert 2	natural	Benjamin Lagoon	523.81	3	1.689	0.98	57.93	3	6	0.75	B
Herbert 3	natural	Herbert 4	1359.22	2	1.176	0.90	76.63	3	5	0.625	B
Herbert 5	natural	Herbert 1	158.52	4	0.630	0.32	50.37	3	7	0.875	A
Howard River 10	natural	Howard River 18	7.36	4	1.009	0.75	73.98	3	7	0.875	A
Howard River 11	natural	Howard River 9	39.73	4	2.538	2.43	95.81	4	8	1	A
Howard River 12	natural	Howard River 19	92.66	4	0.575	0.57	100.00	4	8	1	A
Howard River 14	natural	Howard River 21	175.55	4	0.560	0.56	100.00	4	8	1	A
Howard River 16	natural	Howard River 19	19.63	4	1.022	1.02	100.00	4	8	1	A

Lagoon complex name	Wetland type	Nearest lagoon complex	Distance to nearest lagoon (m)	Distance score (Golus et al.)	Perimeter (km)	Natural perimeter (km)	Natural perimeter %	Natural perimeter score (Golus et al.)	Proximity score (Golus et al.)	Proximity score (Conversion 1-0)	Band
Howard River 17	natural	Howard River 20	84.89	4	0.466	0.47	100.00	4	8	1	A
Howard River 18	natural	Howard River 7	2.30	4	0.783	0.78	100.00	4	8	1	A
Howard River 19	natural	Howard River 16	19.63	4	1.686	1.54	91.33	4	8	1	A
Howard River 20	natural	Howard River 5	20.25	4	1.326	1.33	100.00	4	8	1	A
Howard River 23	natural	Dutchies Lagoon	847.95	3	0.332	0.20	60.20	3	6	0.75	B
Howard River 25	natural	Howard River 27	23.92	4	0.982	0.98	100.00	4	8	1	A
Howard River 26	natural	Howard River 27	21.81	4	1.036	1.04	100.00	4	8	1	A
Howard River 27	natural	Howard River 28	16.46	4	0.770	0.77	100.00	4	8	1	A
Howard River 28	natural	Howard River 27	16.46	4	1.390	1.39	100.00	4	8	1	A
Howard River 6	natural	Howard River 7	1.93	4	1.086	1.09	100.00	4	8	1	A
Howard River 7	natural	Howard River 6	1.93	4	0.912	0.91	100.00	4	8	1	A
Howard River 9	natural	Howard River 11	39.73	4	0.533	0.50	93.71	4	8	1	A
Howard Springs 1	natural	Howard Springs 2	354.30	3	0.443	0.44	100.00	4	7	0.875	A
Howard Springs 2	natural	Howard Springs 1	354.30	3	1.173	1.17	100.00	4	7	0.875	A
Howard Springs 3	natural	Howard Springs 1 Palmerston North	575.79	3	2.270	2.27	100.00	4	7	0.875	A
Howard Springs 4	natural	2	962.77	3	1.395	1.40	100.00	4	7	0.875	A
Humpty Doo 1	natural	Girraween 17	530.04	3	4.366	4.28	97.95	4	7	0.875	A
Humpty Doo 2	natural	Noonamah 1	91.26	4	1.430	0.01	0.99	1	5	0.625	B
Humpty Doo 3	natural	Humpty Doo 15 Knuckeys Lagoons	198.97	4	1.529	0.88	57.56	3	7	0.875	A
Ironstone Lagoon Knuckeys Lagoons	natural	Ironstone Lagoon	454.37	3	1.889	0.00	0.00	0	3	0.375	D
Koolpinyah 2	natural	Koolpinyah 3	503.54	3	1.901	1.90	100.00	4	7	0.875	A
Koolpinyah 3	natural	Koolpinyah 2	503.54	3	2.462	2.46	100.00	4	7	0.875	A
Koolpinyah 5	natural	Koolpinyah 3	566.42	3	0.866	0.87	100.00	4	7	0.875	A
Koolpinyah 6	natural	Ninnis Creek 6	598.76	3	3.094	3.09	100.00	4	7	0.875	A
Korebum Lagoon & Kurrubam 3	natural	Kurrubam 4	207.49	3	6	13.39	100.00	4	7	0.875	A
Kurrubam 1	natural	Kurrubam 2	561.45	3	1.622	1.62	100.00	4	7	0.875	A
Kurrubam 2	natural	Kurrubam 1	561.45	3	3.397	3.40	100.00	4	7	0.875	A
Kurrubam 4	natural	Korebum Lagoon & Kurrubam 3	207.49	3	2.300	2.30	100.00	4	7	0.875	A
Kurrubam 5	natural	Kurrubam 4	751.45	3	0.874	0.87	100.00	4	7	0.875	A
Limul Limul 1 & 1B	natural	Limul Limul 3, 4 & 5	231.49	3	2.119	2.12	100.00	4	7	0.875	A
Limul Limul 2	natural	Limul Limul 3, 4 & 5	128.16	4	1.273	1.27	100.00	4	8	1	A
Limul Limul 3, 4 & 5	natural	Limul Limul 2	128.16	4	5.557	5.56	100.00	4	8	1	A
Limul Limul 6	natural	Limul Limul 3, 4 & 5	199.47	4	2.300	2.30	100.00	4	8	1	A
Little Bindi Waterhole & Koolpinyah 4	natural	Quambi Lagoon	468.52	3	0.557	0.38	68.45	3	6	0.75	B
London Lagoon	natural	Girraween 5	14.60	4	5.865	5.13	87.48	4	8	1	A
Lyons Lagoon	natural	Fischer Lagoon	130.39	4	5.799	5.80	100.00	4	8	1	A
McMinns Lagoon	natural	Girraween 1 Queen Elizabeth Lagoon	269.84	3	3.986	1.81	45.48	2	5	0.625	B
Mud Hole Lagoon	natural		32.59	4	1.973	1.97	100.00	4	8	1	A

Lagoon complex name	Wetland type	Nearest lagoon complex	Distance to nearest lagoon (m)	Distance score (Golus et al.)	Perimeter (km)	Natural perimeter (km)	Natural perimeter %	Natural perimeter score (Golus et al.)	Proximity score (Golus et al.)	Proximity score (Conversion 1-0)	Band
Ninnis Creek 1	natural	Ninnis 3	82.63	4	2.627	2.63	100.00	4	8	1	A
Ninnis Creek 2	natural	Ninnis Creek 6	1242.96	2	4.885	4.89	100.00	4	6	0.75	B
Ninnis Creek 3	natural	Ninnis 1	82.63	4	2.146	2.15	100.00	4	8	1	A
Ninnis Creek 4	natural	Ninnis 5	5.97	4	0.575	0.58	100.00	4	8	1	A
Noonamah 1 Pumphouse Lagoon	natural	Humpty Doo 2	91.26	4	2.492	0.28	11.04	1	5	0.625	B
Quambi Lagoon	natural	Koolpinyah 2 Little Bindi Waterhole & Koolpinyah 4	1112.85	2	0.465	0.46	100.00	4	6	0.75	B
	natural	Mud Hole Lagoon	468.52	3	5.989	5.53	92.40	4	7	0.875	A
Thorak 3	natural	Thorak 6	32.59	4	3.138	3.14	100.12	4	8	1	A
Wadham's Lagoon	natural	Howard Springs 5	1564.39	2	1.313	1.31	100.00	4	6	0.75	B
Waterlily Lagoon	natural	Howard Springs 2 Bennetts Waterhole	12.44	4	1.735	0.80	45.84	2	6	0.75	B
Bennetts Creek 1	man-made	592.22	3	1.594	1.06	66.44	3	6	0.75	B	
Bennetts Creek 2	man-made	Bennetts Creek 3	711.96	3	0.440	0.44	100.00	4	7	0.875	A
Bennetts Creek 3	man-made	Bennetts Creek 2	315.63	3	0.597	0.02	3.66	1	4	0.5	C
East Arm 1	man-made	Ironstone Lagoon	315.63	3	0.478	0.00	0.00	0	3	0.375	D
Edwin Creek 4	man-made	Herbert 1	1720.33	2	0.513	0.51	100.00	4	6	0.75	B
Edwin Creek 6	man-made	Edwin Creek 3	462.68	3	4.747	0.03	0.70	1	4	0.5	C
Edwin Creek 7	man-made	Edwin Creek 5	393.72	3	0.298	0.12	39.20	2	5	0.625	B
Edwin Creek 8	man-made	Edwin Creek 5 Fairway Waters Entrance	1225.01	2	0.353	0.00	0.00	0	2	0.25	D
Fairway Waters Fairway Waters Entrance	man-made	8.25	4	0.503	0.21	41.09	2	6	0.75	B	
Fairway Waters Lagoon	man-made	Fairway Waters Entrance	8.25	4	0.308	0.26	85.08	4	8	1	A
Fairway Waters South	man-made	Fairway Waters Entrance	437.82	3	0.819	0.50	60.84	3	6	0.75	B
Freds Pass 10	man-made	Freds Pass 7	440.66	3	0.306	0.00	0.00	0	3	0.375	D
Freds Pass 12	man-made	Freds Pass 2	27.47	4	0.544	0.00	0.00	0	4	0.5	C
Freds Pass 2	man-made	Freds Pass 6	1699.32	2	0.595	0.00	0.00	0	2	0.25	D
Freds Pass 3	man-made	Freds Pass 4	903.53	3	0.375	0.00	0.00	0	3	0.375	D
Freds Pass 4	man-made	Freds Pass 3	118.26	4	0.631	0.04	5.60	1	5	0.625	B
Freds Pass 6	man-made	Freds Pass 2	118.26	4	0.540	0.45	84.09	4	8	1	A
Freds Pass 7	man-made	Freds Pass 10	903.53	3	1.323	0.00	0.00	0	3	0.375	D
Freds Pass 8	man-made	Girraween 7	27.47	4	0.432	0.43	100.00	4	8	1	A
Freds Pass 9	man-made	Freds Pass 5	410.12	3	0.527	0.53	100.00	4	7	0.875	A
Girraween 11	man-made	Girraween 6	606.39	3	0.386	0.00	0.00	0	3	0.375	D
Girraween 12	man-made	Herbert 8	16.06	4	0.218	0.22	100.00	4	8	1	A
Girraween 13	man-made	Girraween 17	97.93	4	2.286	0.41	17.80	1	5	0.625	B
Girraween 14	man-made	Girraween 10	696.53	3	0.255	0.25	100.00	4	7	0.875	A
Girraween 20	man-made	Girraween 4	705.22	3	0.309	0.00	0.00	0	3	0.375	D
Girraween 21	man-made	London Lagoon	400.15	3	1.066	0.02	1.80	1	4	0.5	C
Girraween 4	man-made	Girraween 20	612.73	3	0.531	0.00	0.00	0	3	0.375	D
Girraween 7	man-made	Freds Pass 8 Palmerston South	400.15	3	1.686	0.08	4.70	1	4	0.5	C
Haycock 1	man-made	3	410.12	3	0.309	0.18	56.70	3	6	0.75	B
			824.62	3	7.433	0.00	0.00	0	3	0.375	D

Lagoon complex name	Wetland type	Nearest lagoon complex	Distance to nearest lagoon (m)	Distance score (Golus et al.)	Perimeter (km)	Natural perimeter (km)	Natural perimeter %	Natural perimeter score (Golus et al.)	Proximity score (Golus et al.)	Proximity score (Conversion 1-0)	Band	
Haycock 2	man-made	Middle Arm 1	16.42	4	6.751	0.00	0.00	0	4	0.5	C	
Herbert 1	man-made	Herbert 5	158.52	4	0.579	0.00	0.00	0	4	0.5	C	
Herbert 4	man-made	Herbert 3	1359.22	2	0.318	0.18	55.53	3	5	0.625	B	
Herbert 6	man-made	Herbert 7	548.14	3	0.200		0.00	0	3	0.375	D	
Herbert 7	man-made	Herbert 6	548.14	3	0.198		0.00	0	3	0.375	D	
Herbert 8	man-made	Girraween 12	97.93	4	2.787	0.17	6.15	1	5	0.625	B	
Herbert 9	man-made	Girraween 16	648.67	3	1.634		0.00	0	3	0.375	D	
Howard River 15	man-made	Howard River 8	62.54	4	0.302	0.30	100.00	4	8	1	A	
Howard River 21	man-made	Howard River 14	175.55	4	0.253	0.00	0.00	0	4	0.5	C	
Howard River 22	man-made	Howard River 3	332.19	3	0.197	0.00	0.00	0	3	0.375	D	
Howard River 24	man-made	Freds Pass 8	758.02	3	1.219	0.00	0.00	0	3	0.375	D	
Howard River 3	man-made	Howard River 22	332.19	3	0.442	0.00	0.12	1	4	0.5	C	
Howard River 4	man-made	Howard River 25	298.62	3	3.382	0.66	19.60	1	4	0.5	C	
Howard River 8	man-made	Howard River 15	62.54	4	0.395	0.40	100.00	4	8	1	A	
Howard Springs 5	man-made	Wadham's Lagoon	31.29	4	0.327		0.00	0	4	0.5	C	
Howard Springs 6	man-made	The Chase Ponds	1587.16	2	0.751	0.75	100.00	4	6	0.75	B	
Humpty Doo 10	man-made	Humpty Doo 11	7.87	4	0.274	0.22	80.48	4	8	1	A	
Humpty Doo 11	man-made	Humpty Doo 10	7.87	4	0.239	0.21	86.08	4	8	1	A	
Humpty Doo 12	man-made	Humpty Doo 10	19.74	4	0.245	0.24	100.00	4	8	1	A	
Humpty Doo 13	man-made	Humpty Doo 11	66.59	4	0.376	0.09	22.90	1	5	0.625	B	
Humpty Doo 14	man-made	Humpty Doo 8	1466.46	2	4.825	0.00	0.00	0	2	0.25	D	
Humpty Doo 15	man-made	Humpty Doo 16	15.28	4	0.393	0.00	0.00	0	4	0.5	C	
Humpty Doo 16	man-made	Humpty Doo 15	15.28	4	0.398	0.34	84.95	4	8	1	A	
Humpty Doo 17	man-made	Humpty Doo 4	630.74	3	0.565	0.21	36.40	2	5	0.625	B	
Humpty Doo 4	man-made	Humpty Doo 17	630.74	3	1.344	0.17	12.39	1	4	0.5	C	
Humpty Doo 5	man-made	Humpty Doo 9	1334.96	2	0.334	0.33	100.00	4	6	0.75	B	
Humpty Doo 6	man-made	Humpty Doo 16	908.32	3	1.292	1.16	89.73	4	7	0.875	A	
Humpty Doo 7	man-made	Humpty Doo 4	811.50	3	0.222	0.22	100.00	4	7	0.875	A	
Humpty Doo 8	man-made	Noonamah 1	765.78	3	0.281	0.28	100.00	4	7	0.875	A	
Humpty Doo 9	man-made	Humpty Doo 5	1334.96	2	2.224	0.00	0.00	0	2	0.25	D	
Kings Creek 1	man-made	Howard Springs 3	579.59	3	3.272	0.00	0.00	0	3	0.375	D	
Kings Creek 2	man-made	Kings Creek 3	1062.64	2	1.278	0.00	0.00	0	2	0.25	D	
Kings Creek 3	man-made	Kings Creek 2	1062.64	2	5.375	1.53	28.48	2	4	0.5	C	
Marlow Lagoon	man-made	Palmerston North 9	667.46	3	1.430	0.00	0.00	0	3	0.375	D	
Middle Arm 1	man-made	Haycock 2	16.42	4	4.047	3.93	97.05	4	8	1	A	
Middle Arm 2	man-made	Wickham 2	965.20	3	5.638	0.00	0.00	0	3	0.375	D	
Ninnis Creek 5	man-made	Ninnis 4	5.97	4	2.100	2.10	100.00	4	8	1	A	
Ninnis Creek 6	man-made	Ninnis Creek 7	45.34	4	9.227	0.58	6.27	1	5	0.625	B	
Ninnis Creek 7	man-made	Ninnis Creek 6	45.34	4	9.230	0.14	1.54	1	5	0.625	B	
Palmerston North 1	man-made	Palmerston North 2	1116.34	2	0.665	0.47	71.25	3	5	0.625	B	
Palmerston North 1	man-made	Palmerston North 4	104.41	4	0.677	0.00	0.00	0	4	0.5	C	
Palmerston North 10	man-made	Knuckeys Lagoons	1249.59	2	0.678	0.00	0.00	0	2	0.25	D	
Palmerston North 11	man-made	Thorak 5	0.00	4	10.15	6	0.02	0.15	1	5	0.625	B

Lagoon complex name	Wetland type	Nearest lagoon complex	Distance to nearest lagoon (m)	Distance score (Golus et al.)	Perimeter (km)	Natural perimeter (km)	Natural perimeter %	Natural perimeter score (Golus et al.)	Proximity score (Golus et al.)	Proximity score (Conversion 1-0)	Band
Palmerston North 12	man-made	Palmerston North 2	730.29	3	2.761	0.00	0.00	0	3	0.375	D
Palmerston North 2	man-made	Palmerston North 3	21.92	4	1.272	0.00	0.00	0	4	0.5	C
Palmerston North 3	man-made	Palmerston North 2	21.92	4	0.522	0.00	0.00	0	4	0.5	C
Palmerston North 4	man-made	Palmerston North 1	104.41	4	0.974	0.53	54.32	3	7	0.875	A
Palmerston North 6	man-made	Palmerston North 6A	12.30	4	0.415	0.19	44.94	2	6	0.75	B
Palmerston North 6A	man-made	Palmerston North 6	12.30	4	0.476	0.44	92.90	4	8	1	A
Palmerston North 7	man-made	Palmerston North 6A	539.51	3	0.474	0.46	97.73	4	7	0.875	A
Palmerston North 8	man-made	Palmerston North 9	81.05	4	0.723	0.00	0.00	0	4	0.5	C
Palmerston North 9	man-made	Palmerston North 8	81.05	4	0.668	0.00	0.00	0	4	0.5	C
Palmerston South 1	man-made	Palmerston South 2	1103.21	2	0.597	0.60	100.00	4	6	0.75	B
Palmerston South 2	man-made	Palmerston South 1	1103.21	2	0.390	0.39	100.00	4	6	0.75	B
Palmerston South 3	man-made	Haycock 1	824.62	3	0.293	0.29	100.00	4	7	0.875	A
The Chase Ponds	man-made	Howard Springs 6 Knuckeys Lagoons	1587.16	2	0.918	0.87	95.00	4	6	0.75	B
Thorak 4	man-made	Thorak 7	566.81	3	0.347	0.00	0.00	0	3	0.375	D
Thorak 6	man-made	Thorak 7	11.61	4	3.644	0.07	1.84	1	5	0.625	B
Thorak 7	man-made	Thorak 6	11.61	4	1.991	0.00	0.00	0	4	0.5	C
Thorak 8	man-made	Thorak 5	24.80	4	0.595	0.00	0.00	0	4	0.5	C
Wickham 1	man-made	Wickham 2	131.62	4	0.307	0.31	100.00	4	8	1	A
Wickham 2	man-made	Wickham 1	131.62	4	0.183	0.16	88.35	4	8	1	A
5073-213	man-made	5073-213_1	1642.55	2	0.519	0.00	0.00	0	2	0.25	D
5073-213_1	man-made	5073-213	1642.55	2	2.710	0.00	0.00	0	2	0.25	D
5073-224	man-made	5073-224_2 Knuckeys Lagoons	3216.16	2	0.478	0.00	0.00	0	2	0.25	D
5073-224_1	man-made	5073-224_2 Knuckeys Lagoons	544.62	3	0.420	0.00	0.00	0	3	0.375	D
5073-224_2	man-made	5073-224_3	72.96	4	0.845	0.00	0.00	0	4	0.5	C
5073-224_3	man-made	5073-224_2	72.96	4	0.211	0.00	0.00	0	4	0.5	C
5073-231	man-made	5073-224	4169.23	2	0.566	0.00	0.00	0	2	0.25	D
Edwin Creek 3	mixed	Edwin Creek 6	393.72	3	0.793	0.64	80.34	4	7	0.875	A
Girraween 1	mixed	Girraween 2	97.21	4	4.362	2.63	60.23	3	7	0.875	A
Howard River 5	mixed	Howard River 20 Palmerston North	20.25	4	9.939 10.85	1.36	13.73	1	5	0.625	B
Thorak 5	mixed	2	0.00	4	5	0.43	4.00	1	5	0.625	B

Table 45: PDI: Results of the road sub score

Lagoon complex name	Wetland type	Wetland area (km2)	Road area (km2)	Roads area (%)	Road sub score (adapted from Golus et al.)	Road sub score (Conversion 1-0)	Band
Benham's Lagoon	natural	0.183	0.000	0.000	4	1	A
Benjamin Lagoon	natural	0.085	0.001	1.609	3	0.75	B
Bennetts Waterhole	natural	0.004	0.000	0.000	4	1	A
Dutchies 3	natural	0.040	0.000	0.000	4	1	A
Dutchies Lagoon	natural	0.604	0.000	0.000	4	1	A
Edwin Creek 1	natural	0.208	0.003	1.352	3	0.75	B
Edwin Creek 2	natural	0.103	0.000	0.000	4	1	A
Edwin Creek 5	natural	0.028	0.000	0.000	4	1	A
Fischer 2	natural	0.373	0.000	0.000	4	1	A
Fischer 3	natural	0.192	0.000	0.000	4	1	A
Fischer 4	natural	0.392	0.000	0.000	4	1	A
Fischer 6	natural	0.060	0.000	0.000	4	1	A
Fischer 7	natural	0.008	0.000	0.000	4	1	A
Fischer 8	natural	0.036	0.000	0.000	4	1	A
Fischer 9	natural	0.021	0.000	0.000	4	1	A
Fischer Lagoon	natural	0.886	0.000	0.000	4	1	A
Freds Pass 11	natural	0.005	0.000	0.000	4	1	A
Freds Pass 13	natural	0.007	0.001	12.255	2	0.5	C
Freds Pass 5	natural	0.057	0.000	0.000	4	1	A
Freds Pass Lagoon	natural	0.023	0.000	0.000	4	1	A
Girraween 10	natural	0.194	0.000	0.000	4	1	A
Girraween 15	natural	0.041	0.000	0.000	4	1	A
Girraween 16	natural	0.006	0.000	0.000	4	1	A
Girraween 17	natural	0.010	0.000	0.747	3	0.75	B
Girraween 18	natural	0.008	0.000	0.000	4	1	A
Girraween 19	natural	0.016	0.000	0.000	4	1	A
Girraween 2	natural	0.049	0.000	0.000	4	1	A
Girraween 22	natural	0.024	0.000	0.000	4	1	A
Girraween 3	natural	0.056	0.003	6.155	2	0.5	C
Girraween 5	natural	0.127	0.000	0.000	4	1	A
Girraween 6	natural	0.156	0.000	0.000	4	1	A
Girraween 8	natural	0.093	0.000	0.000	4	1	A
Girraween 9	natural	0.043	0.000	0.486	3	0.75	B
Girraween Lagoon	natural	0.485	0.000	0.000	4	1	A
Herbert 2	natural	0.177	0.000	0.000	4	1	A
Herbert 3	natural	0.047	0.000	0.000	4	1	A
Herbert 5	natural	0.017	0.000	0.000	4	1	A
Howard River 10	natural	0.045	0.000	0.827	3	0.75	B
Howard River 11	natural	0.098	0.000	0.000	4	1	A
Howard River 12	natural	0.025	0.000	0.000	4	1	A
Howard River 14	natural	0.019	0.000	0.000	4	1	A
Howard River 16	natural	0.028	0.000	0.000	4	1	A
Howard River 17	natural	0.011	0.000	0.000	4	1	A
Howard River 18	natural	0.025	0.000	0.000	4	1	A
Howard River 19	natural	0.088	0.000	0.000	4	1	A

Lagoon complex name	Wetland type	Wetland area (km2)	Road area (km2)	Roads area (%)	Road sub score (adapted from Golus et al.)	Road sub score (Conversion 1-0)	Band
Howard River 20	natural	0.048	0.000	0.000	4	1	A
Howard River 23	natural	0.007	0.000	0.000	4	1	A
Howard River 25	natural	0.049	0.000	0.000	4	1	A
Howard River 26	natural	0.032	0.000	0.000	4	1	A
Howard River 27	natural	0.020	0.000	0.000	4	1	A
Howard River 28	natural	0.080	0.000	0.000	4	1	A
Howard River 6	natural	0.049	0.000	0.000	4	1	A
Howard River 7	natural	0.032	0.000	0.000	4	1	A
Howard River 9	natural	0.013	0.000	0.000	4	1	A
Howard Springs 1	natural	0.008	0.000	0.000	4	1	A
Howard Springs 2	natural	0.056	0.000	0.000	4	1	A
Howard Springs 3	natural	0.115	0.000	0.000	4	1	A
Howard Springs 4	natural	0.095	0.000	0.000	4	1	A
Humpty Doo 1	natural	0.591	0.000	0.000	4	1	A
Humpty Doo 2	natural	0.070	0.000	0.000	4	1	A
Humpty Doo 3	natural	0.157	0.000	0.000	4	1	A
Ironstone Lagoon	natural	0.108	0.000	0.000	4	1	A
Knuckeyes Lagoons	natural	1.158	0.000	0.000	4	1	A
Koolpinyah 2	natural	0.111	0.000	0.000	4	1	A
Koolpinyah 3	natural	0.206	0.000	0.000	4	1	A
Koolpinyah 5	natural	0.040	0.000	0.000	4	1	A
Koolpinyah 6	natural	0.144	0.000	0.000	4	1	A
Korebum Lagoon & Kurrubam 3	natural	1.735	0.000	0.000	4	1	A
Kurrubam 1	natural	0.135	0.000	0.000	4	1	A
Kurrubam 2	natural	0.329	0.000	0.000	4	1	A
Kurrubam 4	natural	0.210	0.000	0.000	4	1	A
Kurrubam 5	natural	0.041	0.000	0.000	4	1	A
Limul Limul 1 & 1B	natural	0.130	0.000	0.000	4	1	A
Limul Limul 2	natural	0.053	0.000	0.000	4	1	A
Limul Limul 3, 4 & 5	natural	0.772	0.000	0.000	4	1	A
Limul Limul 6	natural	0.201	0.000	0.000	4	1	A
Little Bindi Waterhole & Koolpinyah 4	natural	0.019	0.000	0.000	4	1	A
London Lagoon	natural	0.341	0.002	0.488	3	0.75	B
Lyons Lagoon	natural	0.666	0.000	0.000	4	1	A
McMinns Lagoon	natural	0.615	0.001	0.114	3	0.75	B
Mud Hole Lagoon	natural	0.135	0.000	0.000	4	1	A
Ninnis Creek 1	natural	0.261	0.000	0.000	4	1	A
Ninnis Creek 2	natural	0.375	0.000	0.000	4	1	A
Ninnis Creek 3	natural	0.150	0.000	0.000	4	1	A
Ninnis Creek 4	natural	0.019	0.000	0.000	4	1	A
Noonamah 1	natural	0.235	0.000	0.000	4	1	A
Pumphouse Lagoon	natural	0.016	0.000	0.000	4	1	A
Quambi Lagoon	natural	1.145	0.000	0.000	4	1	A
Queen Elizabeth Lagoon	natural	0.245	0.000	0.000	4	1	A
Thorak 3	natural	0.065	0.000	0.000	4	1	A
Wadham's Lagoon	natural	0.090	0.001	1.570	3	0.75	B

Lagoon complex name	Wetland type	Wetland area (km2)	Road area (km2)	Roads area (%)	Road sub score (adapted from Golus et al.)	Road sub score (Conversion 1-0)	Band
Waterlily Lagoon	natural	0.153	0.000	0.000	4	1	A
Bennetts Creek 1	man-made	0.007	0.000	0.000	4	1	A
Bennetts Creek 2	man-made	0.019	0.000	0.000	4	1	A
Bennetts Creek 3	man-made	0.014	0.000	0.000	4	1	A
East Arm 1	man-made	0.014	0.000	0.000	4	1	A
Edwin Creek 4	man-made	0.435	0.000	0.000	4	1	A
Edwin Creek 6	man-made	0.006	0.000	0.000	4	1	A
Edwin Creek 7	man-made	0.007	0.000	0.000	4	1	A
Edwin Creek 8	man-made	1.164	0.015	1.301	3	0.75	B
Fairway Waters	man-made	0.008	0.000	1.623	3	0.75	B
Fairway Waters Entrance	man-made	0.005	0.000	0.172	3	0.75	B
Fairway Waters Lagoon	man-made	0.030	0.000	0.000	4	1	A
Fairway Waters South	man-made	0.005	0.000	0.000	4	1	A
Freds Pass 10	man-made	0.009	0.000	0.000	4	1	A
Freds Pass 12	man-made	0.016	0.000	0.000	4	1	A
Freds Pass 2	man-made	0.008	0.000	0.000	4	1	A
Freds Pass 3	man-made	0.022	0.000	0.000	4	1	A
Freds Pass 4	man-made	0.018	0.000	0.000	4	1	A
Freds Pass 6	man-made	0.101	0.000	0.000	4	1	A
Freds Pass 7	man-made	0.007	0.000	0.000	4	1	A
Freds Pass 8	man-made	0.010	0.000	0.000	4	1	A
Freds Pass 9	man-made	0.008	0.000	0.000	4	1	A
Girraween 11	man-made	0.003	0.000	0.000	4	1	A
Girraween 12	man-made	0.170	0.000	0.000	4	1	A
Girraween 13	man-made	0.004	0.000	0.000	4	1	A
Girraween 14	man-made	0.005	0.000	0.000	4	1	A
Girraween 20	man-made	0.057	0.000	0.000	4	1	A
Girraween 21	man-made	0.014	0.000	0.000	4	1	A
Girraween 4	man-made	0.111	0.000	0.000	4	1	A
Girraween 7	man-made	0.004	0.000	0.000	4	1	A
Haycock 1	man-made	0.843	0.000	0.000	4	1	A
Haycock 2	man-made	0.554	0.000	0.000	4	1	A
Herbert 1	man-made	0.020	0.000	0.000	4	1	A
Herbert 4	man-made	0.005	0.000	0.000	4	1	A
Herbert 6	man-made	0.002	0.000	0.000	4	1	A
Herbert 7	man-made	0.002	0.000	0.000	4	1	A
Herbert 8	man-made	0.265	0.000	0.000	4	1	A
Herbert 9	man-made	0.054	0.000	0.000	4	1	A
Howard River 15	man-made	0.005	0.000	0.000	4	1	A
Howard River 21	man-made	0.004	0.000	8.737	2	0.5	C
Howard River 22	man-made	0.002	0.000	0.000	4	1	A
Howard River 24	man-made	0.080	0.000	0.000	4	1	A
Howard River 3	man-made	0.006	0.000	0.000	4	1	A
Howard River 4	man-made	0.368	0.001	0.284	3	0.75	B
Howard River 8	man-made	0.007	0.000	0.000	4	1	A
Howard Springs 5	man-made	0.006	0.000	0.000	4	1	A
Howard Springs 6	man-made	0.036	0.000	0.000	4	1	A

Lagoon complex name	Wetland type	Wetland area (km2)	Road area (km2)	Roads area (%)	Road sub score (adapted from Golus et al.)	Road sub score (Conversion 1-0)	Band
Humpty Doo 10	man-made	0.005	0.000	0.000	4	1	A
Humpty Doo 11	man-made	0.004	0.000	0.000	4	1	A
Humpty Doo 12	man-made	0.003	0.000	0.000	4	1	A
Humpty Doo 13	man-made	0.010	0.000	0.000	4	1	A
Humpty Doo 14	man-made	0.754	0.000	0.000	4	1	A
Humpty Doo 15	man-made	0.010	0.000	0.645	3	0.75	B
Humpty Doo 16	man-made	0.008	0.000	0.000	4	1	A
Humpty Doo 17	man-made	0.007	0.000	0.000	4	1	A
Humpty Doo 4	man-made	0.075	0.000	0.000	4	1	A
Humpty Doo 5	man-made	0.007	0.000	0.000	4	1	A
Humpty Doo 6	man-made	0.044	0.000	0.000	4	1	A
Humpty Doo 7	man-made	0.003	0.000	0.000	4	1	A
Humpty Doo 8	man-made	0.005	0.000	0.000	4	1	A
Humpty Doo 9	man-made	0.305	0.000	0.000	4	1	A
Kings Creek 1	man-made	0.553	0.000	0.000	4	1	A
Kings Creek 2	man-made	0.035	0.000	0.000	4	1	A
Kings Creek 3	man-made	0.827	0.000	0.000	4	1	A
Marlow Lagoon	man-made	0.102	0.000	0.000	4	1	A
Middle Arm 1	man-made	0.772	0.016	2.027	3	0.75	B
Middle Arm 2	man-made	0.823	0.000	0.000	4	1	A
Ninnis Creek 5	man-made	0.090	0.000	0.000	4	1	A
Ninnis Creek 6	man-made	2.209	0.000	0.000	4	1	A
Ninnis Creek 7	man-made	1.313	0.000	0.000	4	1	A
Palmerston North 1	man-made	0.022	0.000	0.000	4	1	A
Palmerston North 1	man-made	0.017	0.000	0.000	4	1	A
Palmerston North 10	man-made	0.028	0.000	0.000	4	1	A
Palmerston North 11	man-made	0.814	0.000	0.000	4	1	A
Palmerston North 12	man-made	0.141	0.000	0.000	4	1	A
Palmerston North 2	man-made	0.020	0.000	0.000	4	1	A
Palmerston North 3	man-made	0.009	0.000	0.000	4	1	A
Palmerston North 4	man-made	0.014	0.000	0.000	4	1	A
Palmerston North 6	man-made	0.006	0.000	1.892	3	0.75	B
Palmerston North 6A	man-made	0.008	0.000	0.486	3	0.75	B
Palmerston North 7	man-made	0.013	0.000	0.000	4	1	A
Palmerston North 8	man-made	0.032	0.000	0.000	4	1	A
Palmerston North 9	man-made	0.016	0.000	0.000	4	1	A
Palmerston South 1	man-made	0.021	0.000	0.000	4	1	A
Palmerston South 2	man-made	0.009	0.000	0.000	4	1	A
Palmerston South 3	man-made	0.006	0.000	0.000	4	1	A
The Chase Ponds	man-made	0.028	0.000	0.403	3	0.75	B
Thorak 4	man-made	0.007	0.000	0.000	4	1	A
Thorak 6	man-made	0.154	0.000	0.000	4	1	A
Thorak 7	man-made	0.101	0.000	0.000	4	1	A
Thorak 8	man-made	0.012	0.000	0.000	4	1	A
Wickham 1	man-made	0.005	0.000	0.000	4	1	A
Wickham 2	man-made	0.002	0.000	0.501	3	0.75	B
5073-213	man-made	0.017	0.000	0.000	4	1	A

Lagoon complex name	Wetland type	Wetland area (km2)	Road area (km2)	Roads area (%)	Road sub score (adapted from Golus et al.)	Road sub score (Conversion 1-0)	Band
5073-213_1	man-made	0.419	0.000	0.000	4	1	A
5073-224	man-made	0.011	0.000	0.000	4	1	A
5073-224_1	man-made	0.012	0.000	0.000	4	1	A
5073-224_2	man-made	0.021	0.000	0.000	4	1	A
5073-224_3	man-made	0.002	0.000	0.000	4	1	A
5073-231	man-made	0.015	0.000	0.000	4	1	A
Edwin Creek 3	mixed	0.035	0.000	0.000	4	1	A
Girraween 1	mixed	0.403	0.000	0.000	4	1	A
Howard River 5	mixed	1.340	0.013	0.992	3	0.75	B
Thorak 5	mixed	0.685	0.000	0.000	4	1	A

Table 46: PDI: Lagoon complex area sizes and respective scores

Lagoon complex name	Wetland type	Wetland complex area (ha)	Area score (Golus et al.)	Area score (Conversion 1-0)	Band *
Benham's Lagoon	natural	18.32283	2	0.25	D
Benjamin Lagoon	natural	8.525092	2	0.25	D
Bennetts Waterhole	natural	0.438835	0	0	E
Dutchies 3	natural	4.032906	1	0.125	E
Dutchies Lagoon	natural	60.40324	4	0.5	C
Edwin Creek 1	natural	20.84569	3	0.375	D
Edwin Creek 2	natural	10.25405	2	0.25	D
Edwin Creek 5	natural	2.76875	1	0.125	E
Fischer 2	natural	37.26792	3	0.375	D
Fischer 3	natural	19.16388	2	0.25	D
Fischer 4	natural	39.1633	3	0.375	D
Fischer 6	natural	6.041483	2	0.25	D
Fischer 7	natural	0.845847	0	0	E
Fischer 8	natural	3.555685	1	0.125	E
Fischer 9	natural	2.143846	1	0.125	E
Fischer Lagoon	natural	88.62936	4	0.5	C
Freds Pass 11	natural	0.491266	0	0	E
Freds Pass 13	natural	0.651997	0	0	E
Freds Pass 5	natural	5.694294	2	0.25	D
Freds Pass Lagoon	natural	2.26609	1	0.125	E
Girraween 10	natural	19.40912	2	0.25	D
Girraween 15	natural	4.145677	1	0.125	E
Girraween 16	natural	0.569995	0	0	E
Girraween 17	natural	1.017265	0	0	E
Girraween 18	natural	0.800748	0	0	E
Girraween 19	natural	1.634825	0	0	E
Girraween 2	natural	4.86483	1	0.125	E
Girraween 22	natural	2.440119	1	0.125	E
Girraween 3	natural	5.626508	2	0.25	D
Girraween 5	natural	12.73535	2	0.25	D
Girraween 6	natural	15.58402	2	0.25	D
Girraween 8	natural	9.33156	2	0.25	D
Girraween 9	natural	4.296761	1	0.125	E
Girraween Lagoon	natural	48.54444	3	0.375	D
Herbert 2	natural	17.71328	2	0.25	D
Herbert 3	natural	4.709353	1	0.125	E
Herbert 5	natural	1.727365	0	0	E
Howard River 10	natural	4.471899	1	0.125	E
Howard River 11	natural	9.804535	2	0.25	D
Howard River 12	natural	2.45269	1	0.125	E
Howard River 14	natural	1.931202	0	0	E
Howard River 16	natural	2.835489	1	0.125	E
Howard River 17	natural	1.126339	0	0	E
Howard River 18	natural	2.486575	1	0.125	E

Lagoon complex name	Wetland type	Wetland complex area (ha)	Area score (Golus et al.)	Area score (Conversion 1-0)	Band *
Howard River 19	natural	8.760967	2	0.25	D
Howard River 20	natural	4.78194	1	0.125	E
Howard River 23	natural	0.676059	0	0	E
Howard River 25	natural	4.873546	1	0.125	E
Howard River 26	natural	3.16633	1	0.125	E
Howard River 27	natural	1.98406	0	0	E
Howard River 28	natural	7.967084	2	0.25	D
Howard River 6	natural	4.878815	1	0.125	E
Howard River 7	natural	3.167192	1	0.125	E
Howard River 9	natural	1.307917	0	0	E
Howard Springs 1	natural	0.844875	0	0	E
Howard Springs 2	natural	5.610716	2	0.25	D
Howard Springs 3	natural	11.46975	2	0.25	D
Howard Springs 4	natural	9.492213	2	0.25	D
Humpty Doo 1	natural	59.10324	4	0.5	C
Humpty Doo 2	natural	6.998794	2	0.25	D
Humpty Doo 3	natural	15.67738	2	0.25	D
Ironstone Lagoon	natural	10.78961	2	0.25	D
Knuckeyes Lagoons	natural	115.7586	4	0.5	C
Koolpinyah 2	natural	11.07141	2	0.25	D
Koolpinyah 3	natural	20.58303	3	0.375	D
Koolpinyah 5	natural	3.952959	1	0.125	E
Koolpinyah 6	natural	14.37569	2	0.25	D
Korebum Lagoon & Kurrubam 3	natural	173.4532	4	0.5	C
Kurrubam 1	natural	13.52016	2	0.25	D
Kurrubam 2	natural	32.90624	3	0.375	D
Kurrubam 4	natural	21.04055	3	0.375	D
Kurrubam 5	natural	4.075618	1	0.125	E
Limul Limul 1 & 1B	natural	13.0499	2	0.25	D
Limul Limul 2	natural	5.275495	2	0.25	D
Limul Limul 3, 4 & 5	natural	77.24728	4	0.5	C
Limul Limul 6	natural	20.13896	3	0.375	D
Little Bindi Waterhole & Koolpinyah 4	natural	1.901674	0	0	E
London Lagoon	natural	34.13961	3	0.375	D
Lyons Lagoon	natural	66.61521	4	0.5	C
McMinns Lagoon	natural	61.50168	4	0.5	C
Mud Hole Lagoon	natural	13.50503	2	0.25	D
Ninnis Creek 1	natural	26.1141	3	0.375	D
Ninnis Creek 2	natural	37.53749	3	0.375	D
Ninnis Creek 3	natural	15.00113	2	0.25	D
Ninnis Creek 4	natural	1.933631	0	0	E
Noonamah 1	natural	23.54055	3	0.375	D
Pumphouse Lagoon	natural	1.60823	0	0	E
Quambi Lagoon	natural	114.4842	4	0.5	C

Lagoon complex name	Wetland type	Wetland complex area (ha)	Area score (Golus et al.)	Area score (Conversion 1-0)	Band *
Queen Elizabeth Lagoon	natural	24.50397	3	0.375	D
Thorak 3	natural	6.481772	2	0.25	D
Wadham's Lagoon	natural	9.005212	2	0.25	D
Waterlily Lagoon	natural	15.27396	2	0.25	D
Bennetts Creek 1	man-made	0.715769	0	0	E
Bennetts Creek 2	man-made	1.903301	0	0	E
Bennetts Creek 3	man-made	1.420123	0	0	E
East Arm 1	man-made	1.446306	1	0.125	E
Edwin Creek 4	man-made	43.45719	3	0.375	D
Edwin Creek 6	man-made	0.586474	0	0	E
Edwin Creek 7	man-made	0.690332	0	0	E
Edwin Creek 8	man-made	116.3729	4	0.5	C
Fairway Waters	man-made	0.788788	0	0	E
Fairway Waters Entrance	man-made	0.466364	0	0	E
Fairway Waters Lagoon	man-made	3.017264	1	0.125	E
Fairway Waters South	man-made	0.514016	0	0	E
Freds Pass 10	man-made	0.85882	0	0	E
Freds Pass 12	man-made	1.597634	0	0	E
Freds Pass 2	man-made	0.815495	0	0	E
Freds Pass 3	man-made	2.181273	1	0.125	E
Freds Pass 4	man-made	1.793621	0	0	E
Freds Pass 6	man-made	10.08896	2	0.25	D
Freds Pass 7	man-made	0.655798	0	0	E
Freds Pass 8	man-made	1.040171	0	0	E
Freds Pass 9	man-made	0.762599	0	0	E
Girraween 11	man-made	0.315032	0	0	E
Girraween 12	man-made	17.0123	2	0.25	D
Girraween 13	man-made	0.386918	0	0	E
Girraween 14	man-made	0.480359	0	0	E
Girraween 20	man-made	5.672387	2	0.25	D
Girraween 21	man-made	1.371881	0	0	E
Girraween 4	man-made	11.10139	2	0.25	D
Girraween 7	man-made	0.38107	0	0	E
Haycock 1	man-made	84.25139	4	0.5	C
Haycock 2	man-made	55.41626	4	0.5	C
Herbert 1	man-made	2.047278	1	0.125	E
Herbert 4	man-made	0.50524	0	0	E
Herbert 6	man-made	0.190109	0	0	E
Herbert 7	man-made	0.223073	0	0	E
Herbert 8	man-made	26.53593	3	0.375	D
Herbert 9	man-made	5.379092	2	0.25	D
Howard River 15	man-made	0.542177	0	0	E
Howard River 21	man-made	0.398851	0	0	E
Howard River 22	man-made	0.231194	0	0	E
Howard River 24	man-made	8.033217	2	0.25	D
Howard River 3	man-made	0.621041	0	0	E

Lagoon complex name	Wetland type	Wetland complex area (ha)	Area score (Golus et al.)	Area score (Conversion 1-0)	Band *
Howard River 4	man-made	36.8444	3	0.375	D
Howard River 8	man-made	0.744333	0	0	E
Howard Springs 5	man-made	0.553187	0	0	E
Howard Springs 6	man-made	3.623488	1	0.125	E
Humpty Doo 10	man-made	0.506227	0	0	E
Humpty Doo 11	man-made	0.406423	0	0	E
Humpty Doo 12	man-made	0.334739	0	0	E
Humpty Doo 13	man-made	0.953646	0	0	E
Humpty Doo 14	man-made	75.446	4	0.5	C
Humpty Doo 15	man-made	1.02395	0	0	E
Humpty Doo 16	man-made	0.774175	0	0	E
Humpty Doo 17	man-made	0.731801	0	0	E
Humpty Doo 4	man-made	7.476593	2	0.25	D
Humpty Doo 5	man-made	0.694261	0	0	E
Humpty Doo 6	man-made	4.388106	1	0.125	E
Humpty Doo 7	man-made	0.308012	0	0	E
Humpty Doo 8	man-made	0.478604	0	0	E
Humpty Doo 9	man-made	30.45946	3	0.375	D
Kings Creek 1	man-made	55.3386	4	0.5	C
Kings Creek 2	man-made	3.472982	1	0.125	E
Kings Creek 3	man-made	82.74686	4	0.5	C
Marlow Lagoon	man-made	10.20196	2	0.25	D
Middle Arm 1	man-made	77.19242	4	0.5	C
Middle Arm 2	man-made	82.25692	4	0.5	C
Ninnis Creek 5	man-made	9.008512	2	0.25	D
Ninnis Creek 6	man-made	220.8906	5	0.625	B
Ninnis Creek 7	man-made	131.2918	4	0.5	C
Palmerston North 1	man-made	2.239841	1	0.125	E
Palmerston North 1	man-made	1.678207	0	0	E
Palmerston North 10	man-made	2.844949	1	0.125	E
Palmerston North 11	man-made	81.42434	4	0.5	C
Palmerston North 12	man-made	14.05723	3	0.375	D
Palmerston North 2	man-made	1.9676	0	0	E
Palmerston North 3	man-made	0.944883	0	0	E
Palmerston North 4	man-made	1.382732	0	0	E
Palmerston North 6	man-made	0.607748	0	0	E
Palmerston North 6A	man-made	0.761678	0	0	E
Palmerston North 7	man-made	1.297438	0	0	E
Palmerston North 8	man-made	3.222097	1	0.125	E
Palmerston North 9	man-made	1.57036	0	0	E
Palmerston South 1	man-made	2.098204	1	0.125	E
Palmerston South 2	man-made	0.89152	0	0	E
Palmerston South 3	man-made	0.556499	0	0	E
The Chase Ponds	man-made	2.800688	1	0.125	E
Thorak 4	man-made	0.702121	0	0	E
Thorak 6	man-made	15.3683	2	0.25	D

Lagoon complex name	Wetland type	Wetland complex area (ha)	Area score (Golus et al.)	Area score (Conversion 1-0)	Band *
Thorak 7	man-made	10.14178	2	0.25	D
Thorak 8	man-made	1.160394	0	0	E
Wickham 1	man-made	0.526803	0	0	E
Wickham 2	man-made	0.239322	0	0	E
5073-213	man-made	1.708711	0	0	E
5073-213_1	man-made	41.87976	3	0.375	D
5073-224	man-made	1.118313	0	0	E
5073-224_1	man-made	1.182312	0	0	E
5073-224_2	man-made	2.099569	1	0.125	E
5073-224_3	man-made	0.239997	0	0	E
5073-231	man-made	1.530774	0	0	E
Edwin Creek 3	mixed	3.472846	1	0.125	E
Girraween 1	mixed	40.33447	3	0.375	D
Howard River 5	mixed	134.0065	4	0.5	C
Thorak 5	mixed	68.48558	4	0.5	C

* the band for the area score can not be interpreted as condition. It was included in the table to visualise the strong influence this scoring has on the integrated score calculated in 4.4.2.4

Table 47: Results of the integration of proximity score, road score and area score to the Physical Disturbance Index (PDI)

Lagoon complex name	Wetland type	Proximity score (Golus et al.)	Road score (adapted from Golus et al.)	Area score (Golus et al.)	PDI	Band
Benham's Lagoon	natural	6	4	2	0.6	B
Benjamin Lagoon	natural	6	3	2	0.55	C
Bennetts Waterhole	natural	6	4	0	0.5	C
Dutchies 3	natural	7	4	1	0.6	B
Dutchies Lagoon	natural	6	4	4	0.7	B
Edwin Creek 1	natural	7	3	3	0.65	B
Edwin Creek 2	natural	5	4	2	0.55	C
Edwin Creek 5	natural	6	4	1	0.55	C
Fischer 2	natural	8	4	3	0.75	B
Fischer 3	natural	7	4	2	0.65	B
Fischer 4	natural	7	4	3	0.7	B
Fischer 6	natural	6	4	2	0.6	B
Fischer 7	natural	8	4	0	0.6	B
Fischer 8	natural	8	4	1	0.65	B
Fischer 9	natural	7	4	1	0.6	B
Fischer Lagoon	natural	8	4	4	0.8	A
Freds Pass 11	natural	4	4	0	0.4	C
Freds Pass 13	natural	3	2	0	0.25	D
Freds Pass 5	natural	7	4	2	0.65	B
Freds Pass Lagoon	natural	3	4	1	0.4	C
Girraween 10	natural	7	4	2	0.65	B
Girraween 15	natural	8	4	1	0.65	B
Girraween 16	natural	8	4	0	0.6	B
Girraween 17	natural	7	3	0	0.5	C
Girraween 18	natural	6	4	0	0.5	C
Girraween 19	natural	7	4	0	0.55	C
Girraween 2	natural	7	4	1	0.6	C
Girraween 22	natural	3	4	1	0.4	C
Girraween 3	natural	7	2	2	0.55	C
Girraween 5	natural	7	4	2	0.65	B
Girraween 6	natural	8	4	2	0.7	B
Girraween 8	natural	7	4	2	0.65	B
Girraween 9	natural	7	3	1	0.55	C
Girraween Lagoon	natural	7	4	3	0.7	B
Herbert 2	natural	6	4	2	0.6	B
Herbert 3	natural	5	4	1	0.5	C
Herbert 5	natural	7	4	0	0.55	C
Howard River 10	natural	7	3	1	0.55	C
Howard River 11	natural	8	4	2	0.7	B
Howard River 12	natural	8	4	1	0.65	B
Howard River 14	natural	8	4	0	0.6	B
Howard River 16	natural	8	4	1	0.65	B
Howard River 17	natural	8	4	0	0.6	B
Howard River 18	natural	8	4	1	0.65	B

Lagoon complex name	Wetland type	Proximity score (Golus et al.)	Road score (adapted from Golus et al.)	Area score (Golus et al.)	PDI	Band
Howard River 19	natural	8	4	2	0.7	B
Howard River 20	natural	8	4	1	0.65	B
Howard River 23	natural	6	4	0	0.5	C
Howard River 25	natural	8	4	1	0.65	B
Howard River 26	natural	8	4	1	0.65	B
Howard River 27	natural	8	4	0	0.6	B
Howard River 28	natural	8	4	2	0.7	B
Howard River 6	natural	8	4	1	0.65	B
Howard River 7	natural	8	4	1	0.65	B
Howard River 9	natural	8	4	0	0.6	B
Howard Springs 1	natural	7	4	0	0.55	C
Howard Springs 2	natural	7	4	2	0.65	B
Howard Springs 3	natural	7	4	2	0.65	B
Howard Springs 4	natural	7	4	2	0.65	B
Humpty Doo 1	natural	7	4	4	0.75	B
Humpty Doo 2	natural	5	4	2	0.55	C
Humpty Doo 3	natural	7	4	2	0.65	B
Ironstone Lagoon	natural	3	4	2	0.45	C
Knuckeyes Lagoons	natural	5	4	4	0.65	B
Koolpinyah 2	natural	7	4	2	0.65	B
Koolpinyah 3	natural	7	4	3	0.7	B
Koolpinyah 5	natural	7	4	1	0.6	B
Koolpinyah 6	natural	7	4	2	0.65	B
Korebum Lagoon & Kurrubam 3	natural	7	4	4	0.75	B
Kurrubam 1	natural	7	4	2	0.65	B
Kurrubam 2	natural	7	4	3	0.7	B
Kurrubam 4	natural	7	4	3	0.7	B
Kurrubam 5	natural	7	4	1	0.6	B
Limul Limul 1 & 1B	natural	7	4	2	0.65	B
Limul Limul 2	natural	8	4	2	0.7	B
Limul Limul 3, 4 & 5	natural	8	4	4	0.8	A
Limul Limul 6	natural	8	4	3	0.75	B
Little Bindi Waterhole & Koolpinyah 4	natural	6	4	0	0.5	C
London Lagoon	natural	8	3	3	0.7	B
Lyons Lagoon	natural	8	4	4	0.8	A
McMinns Lagoon	natural	5	3	4	0.6	B
Mud Hole Lagoon	natural	8	4	2	0.7	B
Ninnis Creek 1	natural	8	4	3	0.75	B
Ninnis Creek 2	natural	6	4	3	0.65	B
Ninnis Creek 3	natural	8	4	2	0.7	B
Ninnis Creek 4	natural	8	4	0	0.6	B
Noonamah 1	natural	5	4	3	0.6	B
Pumphouse Lagoon	natural	6	4	0	0.5	C
Quambi Lagoon	natural	7	4	4	0.75	B

Lagoon complex name	Wetland type	Proximity score (Golus et al.)	Road score (adapted from Golus et al.)	Area score (Golus et al.)	PDI	Band
Queen Elizabeth Lagoon	natural	8	4	3	0.75	B
Thorak 3	natural	6	4	2	0.6	B
Wadham's Lagoon	natural	6	3	2	0.55	C
Waterlily Lagoon	natural	6	4	2	0.6	B
Bennetts Creek 1	man-made	7	4	0	0.55	C
Bennetts Creek 2	man-made	4	4	0	0.4	C
Bennetts Creek 3	man-made	3	4	0	0.35	D
East Arm 1	man-made	6	4	1	0.55	C
Edwin Creek 4	man-made	4	4	3	0.55	C
Edwin Creek 6	man-made	5	4	0	0.45	C
Edwin Creek 7	man-made	2	4	0	0.3	D
Edwin Creek 8	man-made	6	3	4	0.65	B
Fairway Waters	man-made	6	3	0	0.45	C
Fairway Waters Entrance	man-made	8	3	0	0.55	C
Fairway Waters Lagoon	man-made	6	4	1	0.55	C
Fairway Waters South	man-made	3	4	0	0.35	D
Freds Pass 10	man-made	4	4	0	0.4	C
Freds Pass 12	man-made	2	4	0	0.3	D
Freds Pass 2	man-made	3	4	0	0.35	D
Freds Pass 3	man-made	5	4	1	0.5	C
Freds Pass 4	man-made	8	4	0	0.6	B
Freds Pass 6	man-made	3	4	2	0.45	C
Freds Pass 7	man-made	8	4	0	0.6	B
Freds Pass 8	man-made	7	4	0	0.55	C
Freds Pass 9	man-made	3	4	0	0.35	D
Girraween 11	man-made	8	4	0	0.6	B
Girraween 12	man-made	5	4	2	0.55	C
Girraween 13	man-made	7	4	0	0.55	C
Girraween 14	man-made	3	4	0	0.35	D
Girraween 20	man-made	4	4	2	0.5	C
Girraween 21	man-made	3	4	0	0.35	D
Girraween 4	man-made	4	4	2	0.5	C
Girraween 7	man-made	6	4	0	0.5	C
Haycock 1	man-made	3	4	4	0.55	C
Haycock 2	man-made	4	4	4	0.6	B
Herbert 1	man-made	4	4	1	0.45	C
Herbert 4	man-made	5	4	0	0.45	C
Herbert 6	man-made	3	4	0	0.35	D
Herbert 7	man-made	3	4	0	0.35	D
Herbert 8	man-made	5	4	3	0.6	B
Herbert 9	man-made	3	4	2	0.45	C
Howard River 15	man-made	8	4	0	0.6	B
Howard River 21	man-made	4	2	0	0.3	D
Howard River 22	man-made	3	4	0	0.35	D
Howard River 24	man-made	3	4	2	0.45	C
Howard River 3	man-made	4	4	0	0.4	C

Lagoon complex name	Wetland type	Proximity score (Golus et al.)	Road score (adapted from Golus et al.)	Area score (Golus et al.)	PDI	Band
Howard River 4	man-made	4	3	3	0.5	C
Howard River 8	man-made	8	4	0	0.6	B
Howard Springs 5	man-made	4	4	0	0.4	C
Howard Springs 6	man-made	6	4	1	0.55	C
Humpty Doo 10	man-made	8	4	0	0.6	B
Humpty Doo 11	man-made	8	4	0	0.6	B
Humpty Doo 12	man-made	8	4	0	0.6	B
Humpty Doo 13	man-made	5	4	0	0.45	C
Humpty Doo 14	man-made	2	4	4	0.5	C
Humpty Doo 15	man-made	4	3	0	0.35	D
Humpty Doo 16	man-made	8	4	0	0.6	B
Humpty Doo 17	man-made	5	4	0	0.45	C
Humpty Doo 4	man-made	4	4	2	0.5	C
Humpty Doo 5	man-made	6	4	0	0.5	C
Humpty Doo 6	man-made	7	4	1	0.6	B
Humpty Doo 7	man-made	7	4	0	0.55	C
Humpty Doo 8	man-made	7	4	0	0.55	C
Humpty Doo 9	man-made	2	4	3	0.45	C
Kings Creek 1	man-made	3	4	4	0.55	C
Kings Creek 2	man-made	2	4	1	0.35	D
Kings Creek 3	man-made	4	4	4	0.6	B
Marlow Lagoon	man-made	3	4	2	0.45	C
Middle Arm 1	man-made	8	3	4	0.75	B
Middle Arm 2	man-made	3	4	4	0.55	C
Ninnis Creek 5	man-made	8	4	2	0.7	B
Ninnis Creek 6	man-made	5	4	5	0.7	B
Ninnis Creek 7	man-made	5	4	4	0.65	B
Palmerston North 1	man-made	5	4	1	0.5	C
Palmerston North 1	man-made	4	4	0	0.4	C
Palmerston North 10	man-made	2	4	1	0.35	D
Palmerston North 11	man-made	5	4	4	0.65	B
Palmerston North 12	man-made	3	4	3	0.5	C
Palmerston North 2	man-made	4	4	0	0.4	C
Palmerston North 3	man-made	4	4	0	0.4	C
Palmerston North 4	man-made	7	4	0	0.55	C
Palmerston North 6	man-made	6	3	0	0.45	C
Palmerston North 6A	man-made	8	3	0	0.55	C
Palmerston North 7	man-made	7	4	0	0.55	C
Palmerston North 8	man-made	4	4	1	0.45	C
Palmerston North 9	man-made	4	4	0	0.4	C
Palmerston South 1	man-made	6	4	1	0.55	C
Palmerston South 2	man-made	6	4	0	0.5	C
Palmerston South 3	man-made	7	4	0	0.55	C
The Chase Ponds	man-made	6	3	1	0.5	C
Thorak 4	man-made	3	4	0	0.35	D
Thorak 6	man-made	5	4	2	0.55	C

Lagoon complex name	Wetland type	Proximity score (Golus et al.)	Road score (adapted from Golus et al.)	Area score (Golus et al.)	PDI	Band
Thorak 7	man-made	4	4	2	0.5	C
Thorak 8	man-made	4	4	0	0.4	C
Wickham 1	man-made	8	4	0	0.6	B
Wickham 2	man-made	8	3	0	0.55	C
5073-213	man-made	2	4	0	0.3	D
5073-213_1	man-made	2	4	3	0.45	C
5073-224	man-made	2	4	0	0.3	D
5073-224_1	man-made	3	4	0	0.35	D
5073-224_2	man-made	4	4	1	0.45	C
5073-224_3	man-made	4	4	0	0.4	C
5073-231	man-made	2	4	0	0.3	D
Edwin Creek 3	mixed	7	4	1	0.6	B
Girraween 1	mixed	7	4	3	0.7	B
Howard River 5	mixed	5	3	4	0.6	B
Thorak 5	mixed	5	4	4	0.65	B

Table 48: HDI: Water Extraction Indicator (WEI) based on licensed water extraction in 2007

Lagoon complex name	Wetland type	% water extraction in 2007	Water Extraction Indicator WEI	Band
Benham's Lagoon	natural	0	1	A
Benjamin Lagoon	natural	0	1	A
Bennetts Waterhole	natural	0	1	A
Dutchies 3	natural	0	1	A
Dutchies Lagoon	natural	0	1	A
Edwin Creek 1	natural	0	1	A
Edwin Creek 2	natural	0	1	A
Edwin Creek 5	natural	0	1	A
Fischer 2	natural	0	1	A
Fischer 3	natural	0	1	A
Fischer 4	natural	0	1	A
Fischer 6	natural	0	1	A
Fischer 7	natural	0	1	A
Fischer 8	natural	0	1	A
Fischer 9	natural	0	1	A
Fischer Lagoon	natural	0	1	A
Freds Pass 11	natural	0	1	A
Freds Pass 13	natural	0	1	A
Freds Pass 5	natural	0	1	A
Freds Pass Lagoon	natural	0	1	A
Girraween 10	natural	0	1	A
Girraween 15	natural	0	1	A
Girraween 16	natural	0	1	A
Girraween 17	natural	0	1	A
Girraween 18	natural	0	1	A
Girraween 19	natural	0	1	A
Girraween 2	natural	0	1	A
Girraween 22	natural	0	1	A
Girraween 3	natural	0	1	A
Girraween 5	natural	0	1	A
Girraween 6	natural	0	1	A
Girraween 8	natural	0	1	A
Girraween 9	natural	0	1	A
Girraween Lagoon	natural	0	1	A
Herbert 2	natural	0	1	A
Herbert 3	natural	0	1	A
Herbert 5	natural	0	1	A
Howard River 10	natural	0	1	A
Howard River 11	natural	0	1	A
Howard River 12	natural	0	1	A
Howard River 14	natural	0	1	A
Howard River 16	natural	0	1	A
Howard River 17	natural	0	1	A
Howard River 18	natural	0	1	A

Lagoon complex name	Wetland type	% water extraction in 2007	Water Extraction Indicator WEI	Band
Howard River 19	natural	0	1	A
Howard River 20	natural	0	1	A
Howard River 23	natural	0	1	A
Howard River 25	natural	0	1	A
Howard River 26	natural	0	1	A
Howard River 27	natural	0	1	A
Howard River 28	natural	0	1	A
Howard River 6	natural	0	1	A
Howard River 7	natural	0	1	A
Howard River 9	natural	0	1	A
Howard Springs 1	natural	0	1	A
Howard Springs 2	natural	0	1	A
Howard Springs 3	natural	0	1	A
Howard Springs 4	natural	0	1	A
Humpty Doo 1	natural	0	1	A
Humpty Doo 2	natural	0	1	A
Humpty Doo 3	natural	0	1	A
Ironstone Lagoon	natural	0	1	A
Knuckeyes Lagoons	natural	0	1	A
Koolpinyah 2	natural	0	1	A
Koolpinyah 3	natural	0	1	A
Koolpinyah 5	natural	0	1	A
Koolpinyah 6	natural	0	1	A
Korebum Lagoon & Kurrubam 3	natural	0	1	A
Kurrubam 1	natural	0	1	A
Kurrubam 2	natural	0	1	A
Kurrubam 4	natural	0	1	A
Kurrubam 5	natural	0	1	A
Limul Limul 1 & 1B	natural	0	1	A
Limul Limul 2	natural	0	1	A
Limul Limul 3, 4 & 5	natural	0	1	A
Limul Limul 6	natural	0	1	A
Little Bindi Waterhole & Koolpinyah 4	natural	0	1	A
London Lagoon	natural	0	1	A
Lyons Lagoon	natural	0	1	A
McMinns Lagoon	natural	0	1	A
Mud Hole Lagoon	natural	0	1	A
Ninnis Creek 1	natural	0	1	A
Ninnis Creek 2	natural	0	1	A
Ninnis Creek 3	natural	0	1	A
Ninnis Creek 4	natural	0	1	A
Noonamah 1	natural	0	1	A
Pumphouse Lagoon	natural	0	1	A
Quambi Lagoon	natural	0	1	A

Lagoon complex name	Wetland type	% water extraction in 2007	Water Extraction Indicator WEI	Band
Queen Elizabeth Lagoon	natural	0	1	A
Thorak 3	natural	0	1	A
Wadham's Lagoon	natural	0	1	A
Waterlily Lagoon	natural	0	1	A
Bennetts Creek 1	man-made	0	1	A
Bennetts Creek 2	man-made	0	1	A
Bennetts Creek 3	man-made	0	1	A
East Arm 1	man-made	0	1	A
Edwin Creek 4	man-made	0	1	A
Edwin Creek 6	man-made	0	1	A
Edwin Creek 7	man-made	0	1	A
Edwin Creek 8	man-made	0	1	A
Fairway Waters	man-made	0	1	A
Fairway Waters Entrance	man-made	0	1	A
Fairway Waters Lagoon	man-made	0	1	A
Fairway Waters South	man-made	0	1	A
Freds Pass 10	man-made	0	1	A
Freds Pass 12	man-made	0	1	A
Freds Pass 2	man-made	0	1	A
Freds Pass 3	man-made	0	1	A
Freds Pass 4	man-made	0	1	A
Freds Pass 6	man-made	0	1	A
Freds Pass 7	man-made	0	1	A
Freds Pass 8	man-made	0	1	A
Freds Pass 9	man-made	0	1	A
Girraween 11	man-made	0	1	A
Girraween 12	man-made	0	1	A
Girraween 13	man-made	0	1	A
Girraween 14	man-made	0	1	A
Girraween 20	man-made	0	1	A
Girraween 21	man-made	0	1	A
Girraween 4	man-made	0	1	A
Girraween 7	man-made	0	1	A
Haycock 1	man-made	0	1	A
Haycock 2	man-made	0	1	A
Herbert 1	man-made	0	1	A
Herbert 4	man-made	0	1	A
Herbert 6	man-made	0	1	A
Herbert 7	man-made	0	1	A
Herbert 8	man-made	0	1	A
Herbert 9	man-made	0	1	A
Howard River 15	man-made	0	1	A
Howard River 21	man-made	0	1	A
Howard River 22	man-made	0	1	A
Howard River 24	man-made	0	1	A
Howard River 3	man-made	0	1	A

Lagoon complex name	Wetland type	% water extraction in 2007	Water Extraction Indicator WEI	Band
Howard River 4	man-made	0	1	A
Howard River 8	man-made	0	1	A
Howard Springs 5	man-made	0	1	A
Howard Springs 6	man-made	0	1	A
Humpty Doo 10	man-made	0	1	A
Humpty Doo 11	man-made	0	1	A
Humpty Doo 12	man-made	0	1	A
Humpty Doo 13	man-made	0	1	A
Humpty Doo 14	man-made	0	1	A
Humpty Doo 15	man-made	0	1	A
Humpty Doo 16	man-made	0	1	A
Humpty Doo 17	man-made	0	1	A
Humpty Doo 4	man-made	0	1	A
Humpty Doo 5	man-made	0	1	A
Humpty Doo 6	man-made	0	1	A
Humpty Doo 7	man-made	0	1	A
Humpty Doo 8	man-made	0	1	A
Humpty Doo 9	man-made	0	1	A
Kings Creek 1	man-made	0	1	A
Kings Creek 2	man-made	0	1	A
Kings Creek 3	man-made	0	1	A
Marlow Lagoon	man-made	0	1	A
Middle Arm 1	man-made	0	1	A
Middle Arm 2	man-made	0	1	A
Ninnis Creek 5	man-made	0	1	A
Ninnis Creek 6	man-made	0	1	A
Ninnis Creek 7	man-made	0	1	A
Palmerston North 1	man-made	0	1	A
Palmerston North 1	man-made	0	1	A
Palmerston North 10	man-made	0	1	A
Palmerston North 11	man-made	0	1	A
Palmerston North 12	man-made	0	1	A
Palmerston North 2	man-made	0	1	A
Palmerston North 3	man-made	0	1	A
Palmerston North 4	man-made	0	1	A
Palmerston North 6	man-made	0	1	A
Palmerston North 6A	man-made	0	1	A
Palmerston North 7	man-made	0	1	A
Palmerston North 8	man-made	0	1	A
Palmerston North 9	man-made	0	1	A
Palmerston South 1	man-made	0	1	A
Palmerston South 2	man-made	0	1	A
Palmerston South 3	man-made	0	1	A
The Chase Ponds	man-made	0	1	A
Thorak 4	man-made	0	1	A
Thorak 6	man-made	0	1	A

Lagoon complex name	Wetland type	% water extraction in 2007	Water Extraction Indicator WEI	Band
Thorak 7	man-made	0	1	A
Thorak 8	man-made	0	1	A
Wickham 1	man-made	0	1	A
Wickham 2	man-made	0	1	A
5073-213	man-made	0	1	A
5073-213_1	man-made	0	1	A
5073-224	man-made	0	1	A
5073-224_1	man-made	0	1	A
5073-224_2	man-made	0	1	A
5073-224_3	man-made	0	1	A
5073-231	man-made	0	1	A
Edwin Creek 3	mixed	0	1	A
Girraween 1	mixed	0	1	A
Howard River 5	mixed	0	1	A
Thorak 5	mixed	0	1	A
Leaning Tree Lagoon	natural	0	1	A
Woodfords Lagoon	natural	0	1	A

Table 49: Remnant native vegetation in the 100 m wide fringing zone (FZ100) and Fringing Zone Index

Lagoon complex name	Wetland type	Area FZ100 (ha)	Remnant native vegetation in FZ100 (ha)	Remnant native vegetation in FZ100 (%)	Fringing Zone Index FZI	Band
Benham's Lagoon	natural	20.51	19.14	93.32	0.93	A
Benjamin Lagoon	natural	14.95	9.19	61.50	0.61	B
Bennetts Waterhole	natural	5.97	0.12	1.99	0.02	E
Dutchies 3	natural	10.76	9.18	85.30	0.85	A
Dutchies Lagoon	natural	37.01	20.81	56.23	0.56	C
Edwin Creek 1	natural	31.16	26.14	83.87	0.84	A
Edwin Creek 2	natural	15.69	4.50	28.66	0.29	D
Edwin Creek 5	natural	10.49	0.13	1.23	0.01	E
Fischer 2	natural	40.54	40.53	100.00	1.00	A
Fischer 3	natural	23.06	22.55	97.77	0.98	A
Fischer 4	natural	43.97	43.97	100.00	1.00	A
Fischer 6	natural	13.56	13.56	100.00	1.00	A
Fischer 7	natural	6.39	6.39	100.00	1.00	A
Fischer 8	natural	12.58	12.58	100.00	1.00	A
Fischer 9	natural	9.22	9.22	100.00	1.00	A
Fischer Lagoon	natural	56.90	53.83	94.60	0.95	A
Freds Pass 11	natural	5.30	0.47	8.91	0.09	E
Freds Pass 13	natural	7.04	4.52	64.23	0.64	B
Freds Pass 5	natural	12.29	3.68	29.92	0.30	D
Freds Pass Lagoon	natural	9.07	3.99	44.04	0.44	C
Girraween 10	natural	27.60	26.80	97.13	0.97	A
Girraween 15	natural	14.10	5.27	37.35	0.37	D
Girraween 16	natural	6.21	0.16	2.52	0.03	E
Girraween 17	natural	7.48	5.02	67.16	0.67	B
Girraween 18	natural	7.30	6.53	89.49	0.89	A
Girraween 19	natural	8.94	8.71	97.43	0.97	A
Girraween 2	natural	14.22	7.07	49.71	0.50	C
Girraween 22	natural	9.73	0.00	0.00	0.00	E
Girraween 3	natural	14.29	9.08	63.54	0.64	B
Girraween 5	natural	22.07	15.36	69.57	0.70	B
Girraween 6	natural	26.10	21.01	80.51	0.81	A
Girraween 8	natural	14.77	9.69	65.59	0.66	B
Girraween 9	natural	12.40	12.39	99.91	1.00	A
Girraween Lagoon	natural	36.46	32.93	90.32	0.90	A
Herbert 2	natural	19.72	7.58	38.42	0.38	D
Herbert 3	natural	13.32	13.32	100.00	1.00	A
Herbert 5	natural	9.44	4.49	47.60	0.48	C
Howard River 10	natural	11.67	4.60	39.41	0.39	D
Howard River 11	natural	23.74	6.57	27.66	0.28	D
Howard River 12	natural	8.85	0.56	6.36	0.06	E
Howard River 14	natural	8.67	2.00	23.07	0.23	D
Howard River 16	natural	11.93	9.76	81.84	0.82	A
Howard River 17	natural	7.69	4.72	61.45	0.61	B
Howard River 18	natural	8.98	8.05	89.67	0.90	A

Lagoon complex name	Wetland type	Area FZ100 (ha)	Remnant native vegetation in FZ100 (ha)	Remnant native vegetation in FZ100 (%)	Fringing Zone Index FZI	Band
Howard River 19	natural	17.44	6.82	39.08	0.39	D
Howard River 20	natural	14.85	1.96	13.18	0.13	E
Howard River 23	natural	6.45	0.00	0.00	0.00	E
Howard River 25	natural	11.75	10.95	93.16	0.93	A
Howard River 26	natural	11.26	11.26	100.00	1.00	A
Howard River 27	natural	7.07	7.07	100.00	1.00	A
Howard River 28	natural	14.77	14.77	100.00	1.00	A
Howard River 6	natural	12.77	12.71	99.52	1.00	A
Howard River 7	natural	9.64	9.17	95.12	0.95	A
Howard River 9	natural	7.98	4.92	61.74	0.62	B
Howard Springs 1	natural	7.51	6.79	90.40	0.90	A
Howard Springs 2	natural	14.66	13.89	94.72	0.95	A
Howard Springs 3	natural	23.84	23.84	100.00	1.00	A
Howard Springs 4	natural	16.70	13.86	83.00	0.83	A
Humpty Doo 1	natural	43.77	33.39	76.28	0.76	B
Humpty Doo 2	natural	17.20	0.00	0.00	0.00	E
Humpty Doo 3	natural	18.30	8.87	48.46	0.48	C
Ironstone Lagoon	natural	20.92	19.24	91.96	0.92	A
Knuckeyes Lagoons	natural	66.59	4.08	6.12	0.06	E
Koolpinyah 2	natural	21.33	21.33	100.00	1.00	A
Koolpinyah 3	natural	26.31	26.31	100.00	1.00	A
Koolpinyah 5	natural	11.57	11.57	100.00	1.00	A
Koolpinyah 6	natural	29.82	28.20	94.57	0.95	A
Korebum Lagoon & Kurrubam 3	natural	124.77	124.54	99.81	1.00	A
Kurrubam 1	natural	19.01	19.01	100.00	1.00	A
Kurrubam 2	natural	34.98	34.98	100.00	1.00	A
Kurrubam 4	natural	25.63	24.05	93.85	0.94	A
Kurrubam 5	natural	11.74	11.74	100.00	1.00	A
Limul Limul 1 & 1B	natural	23.73	23.73	100.00	1.00	A
Limul Limul 2	natural	14.94	14.94	100.00	1.00	A
Limul Limul 3, 4 & 5	natural	55.13	53.88	97.73	0.98	A
Limul Limul 6	natural	25.49	24.33	95.44	0.95	A
Little Bindi Waterhole & Koolpinyah 4	natural	8.58	0.50	5.87	0.06	E
London Lagoon	natural	47.65	27.13	56.94	0.57	C
Lyons Lagoon	natural	59.33	57.82	97.45	0.97	A
McMinns Lagoon	natural	41.25	2.15	5.21	0.05	E
Mud Hole Lagoon	natural	18.84	18.84	100.00	1.00	A
Ninnis Creek 1	natural	27.88	27.88	100.00	1.00	A
Ninnis Creek 2	natural	49.33	49.33	100.00	1.00	A
Ninnis Creek 3	natural	22.71	22.71	100.00	1.00	A
Ninnis Creek 4	natural	7.49	7.10	94.87	0.95	A
Noonamah 1	natural	27.23	0.00	0.00	0.00	E
Pumphouse Lagoon	natural	7.79	5.33	68.42	0.68	B
Quambi Lagoon	natural	61.36	54.91	89.50	0.90	A

Lagoon complex name	Wetland type	Area FZ100 (ha)	Remnant native vegetation in FZ100 (ha)	Remnant native vegetation in FZ100 (%)	Fringing Zone Index FZI	Band
Queen Elizabeth Lagoon	natural	31.34	31.34	100.00	1.00	A
Thorak 3	natural	15.47	5.07	32.76	0.33	D
Wadham's Lagoon	natural	16.19	7.25	44.78	0.45	C
Waterlily Lagoon	natural	19.07	4.47	23.46	0.23	D
Bennetts Creek 1	man-made	7.54	1.94	25.68	0.26	D
Bennetts Creek 2	man-made	9.02	2.48	27.50	0.28	D
Bennetts Creek 3	man-made	7.92	0.56	7.12	0.07	E
East Arm 1	man-made	8.11	0.00	0.00	0.00	E
Edwin Creek 4	man-made	47.47	36.64	77.17	0.77	B
Edwin Creek 6	man-made	6.11	3.85	63.03	0.63	B
Edwin Creek 7	man-made	5.69	0.00	0.00	0.00	E
Edwin Creek 8	man-made	59.72	34.93	58.48	0.58	C
Fairway Waters	man-made	7.37	0.00	0.00	0.00	E
Fairway Waters Entrance	man-made	5.31	0.00	0.00	0.00	E
Fairway Waters Lagoon	man-made	11.06	3.40	30.74	0.31	D
Fairway Waters South	man-made	6.19	0.00	0.00	0.00	E
Freds Pass 10	man-made	7.62	1.03	13.55	0.14	E
Freds Pass 12	man-made	8.80	0.00	0.00	0.00	E
Freds Pass 2	man-made	6.85	0.00	0.00	0.00	E
Freds Pass 3	man-made	9.44	2.43	25.78	0.26	D
Freds Pass 4	man-made	8.52	1.62	18.99	0.19	E
Freds Pass 6	man-made	16.21	8.07	49.77	0.50	C
Freds Pass 7	man-made	6.69	4.58	68.43	0.68	B
Freds Pass 8	man-made	8.14	0.00	0.00	0.00	E
Freds Pass 9	man-made	6.96	0.31	4.43	0.04	E
Girraween 11	man-made	4.25	2.01	47.40	0.47	C
Girraween 12	man-made	24.85	12.84	51.65	0.52	C
Girraween 13	man-made	5.69	0.00	0.00	0.00	E
Girraween 14	man-made	6.13	4.07	66.44	0.66	B
Girraween 20	man-made	13.70	0.00	0.00	0.00	E
Girraween 21	man-made	8.24	0.00	0.00	0.00	E
Girraween 4	man-made	19.56	3.83	19.57	0.20	E
Girraween 7	man-made	5.66	3.27	57.83	0.58	C
Haycock 1	man-made	70.48	52.05	73.84	0.74	B
Haycock 2	man-made	55.13	32.68	59.29	0.59	C
Herbert 1	man-made	8.92	7.47	83.71	0.84	B
Herbert 4	man-made	6.20	2.37	38.22	0.38	D
Herbert 6	man-made	5.07	1.00	19.70	0.20	E
Herbert 7	man-made	5.12	2.60	50.72	0.51	C
Herbert 8	man-made	30.59	17.80	58.19	0.58	C
Herbert 9	man-made	18.63	17.18	92.23	0.92	A
Howard River 15	man-made	5.72	0.00	0.00	0.00	E
Howard River 21	man-made	5.67	0.00	0.00	0.00	E
Howard River 22	man-made	5.02	0.00	0.00	0.00	E
Howard River 24	man-made	15.32	6.86	44.79	0.45	C

Lagoon complex name	Wetland type	Area FZ100 (ha)	Remnant native vegetation in FZ100 (ha)	Remnant native vegetation in FZ100 (%)	Fringing Zone Index FZI	Band
Howard River 3	man-made	7.08	0.00	0.00	0.00	E
Howard River 4	man-made	35.06	26.03	74.26	0.74	B
Howard River 8	man-made	6.70	0.08	1.21	0.01	E
Howard Springs 5	man-made	5.33	0.39	7.32	0.73	E
Howard Springs 6	man-made	10.65	7.87	73.96	0.74	B
Humpty Doo 10	man-made	5.13	2.43	47.32	0.47	C
Humpty Doo 11	man-made	4.81	2.06	42.83	0.43	C
Humpty Doo 12	man-made	5.10	3.39	66.48	0.66	B
Humpty Doo 13	man-made	6.69	4.68	69.92	0.70	B
Humpty Doo 14	man-made	48.15	41.45	86.08	0.86	A
Humpty Doo 15	man-made	6.62	0.00	0.03	0.00	E
Humpty Doo 16	man-made	6.28	1.94	30.91	0.31	D
Humpty Doo 17	man-made	8.38	0.00	0.00	0.00	E
Humpty Doo 4	man-made	14.98	0.00	0.00	0.00	E
Humpty Doo 5	man-made	6.47	4.41	68.14	0.68	B
Humpty Doo 6	man-made	13.89	6.96	50.12	0.50	C
Humpty Doo 7	man-made	5.36	0.00	0.00	0.00	E
Humpty Doo 8	man-made	5.95	0.03	0.51	0.01	E
Humpty Doo 9	man-made	25.38	16.56	65.25	0.65	B
Kings Creek 1	man-made	35.17	21.22	60.33	0.60	B
Kings Creek 2	man-made	13.44	2.18	16.25	0.16	E
Kings Creek 3	man-made	52.00	42.36	81.47	0.81	A
Marlow Lagoon	man-made	16.89	7.54	44.62	0.45	C
Middle Arm 1	man-made	20.27	11.09	54.71	0.55	C
Middle Arm 2	man-made	22.57	8.96	39.69	0.40	C
Ninnis Creek 5	man-made	18.09	16.51	91.24	0.91	A
Ninnis Creek 6	man-made	90.57	81.00	89.43	0.89	A
Ninnis Creek 7	man-made	90.68	71.04	78.34	0.78	B
Palmerston North 1	man-made	9.63	4.98	51.68	0.52	C
Palmerston North 1A	man-made	9.69	0.00	0.00	0.00	E
Palmerston North 10	man-made	9.91	1.37	13.87	0.14	E
Palmerston North 11	man-made	74.76	25.30	33.84	0.34	D
Palmerston North 12	man-made	28.33	7.64	26.98	0.27	D
Palmerston North 2	man-made	14.75	0.00	0.00	0.00	E
Palmerston North 3	man-made	8.01	0.00	0.00	0.00	E
Palmerston North 4	man-made	12.02	0.00	0.00	0.00	E
Palmerston North 6	man-made	6.87	0.00	0.00	0.00	E
Palmerston North 6A	man-made	7.57	0.17	2.19	0.02	E
Palmerston North 7	man-made	7.61	1.21	15.85	0.16	E
Palmerston North 8	man-made	10.20	0.00	0.00	0.00	E
Palmerston North 9	man-made	9.68	0.00	0.00	0.00	E
Palmerston South 1	man-made	9.10	4.32	47.47	0.47	C
Palmerston South 2	man-made	7.04	5.10	72.46	0.72	B
Palmerston South 3	man-made	6.06	0.59	9.74	0.10	E
The Chase Ponds	man-made	11.62	0.02	0.20	0.00	E

Lagoon complex name	Wetland type	Area FZ100 (ha)	Remnant native vegetation in FZ100 (ha)	Remnant native vegetation in FZ100 (%)	Fringing Zone Index FZI	Band
Thorak 4	man-made	6.47	0.00	0.00	0.00	E
Thorak 6	man-made	30.62	3.26	10.63	0.11	E
Thorak 7	man-made	21.10	6.04	28.64	0.29	D
Thorak 8	man-made	6.77	0.00	0.00	0.00	E
Wickham 1	man-made	6.17	5.69	92.23	0.92	A
Wickham 2	man-made	4.97	4.24	85.43	0.85	A
5073-213	man-made	8.31	3.62	43.57	0.44	C
5073-213_1	man-made	30.21	11.86	39.27	0.39	D
5073-224	man-made	7.79	0.39	5.04	0.05	E
5073-224_1	man-made	7.33	3.91	53.30	0.53	C
5073-224_2	man-made	10.17	0.12	1.14	0.01	E
5073-224_3	man-made	5.14	0.01	0.22	0.00	E
5073-231	man-made	8.77	0.00	0.00	0.00	E
Edwin Creek 3	mixed	10.98	7.03	64.04	0.64	B
Girraween 1	mixed	45.87	27.02	58.92	0.59	C
Howard River 5	mixed	94.84	42.42	44.73	0.45	C
Thorak 5	mixed	83.84	25.49	30.40	0.30	D

10. APPENDIX 3: ARCGIS MAPS

10.1 Lagoon water bodies, lagoon complexes and lagoon catchments

10.2 Overview of natural and man-made lagoon water bodies in study area

10.3 Lagoon names

10.4 Landuse in catchment

10.5 Vegetation clearing in catchment

10.6 Roads in catchment

10.7 Remnant Vegetation in 100m buffer Fringing Zone FZ100

10.8 Catchment Disturbance Index CDI

10.9 Physical Disturbance Index PDI

10.10 Hydrological Disturbance Index HDI

10.11 100m Fringing Zone Index of remnant vegetation FZI

10.12 Water Quality Index WQI

10.13 Biota Index BI

10.14 Wetland Condition Index WCI for individual lagoons