

Appendix D

Non-potable Water Demands

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Appendix D Non-potable Water Demands

Demands for non-potable water supplies in the ACT were based on those identified by CSIRO for the *Canberra Integrated Waterways Study* (Maheepala, S. et al., 2009) with adjustments where updated information was available. Demands were grouped into clusters and these are listed in Table 1.

Table 1 Demand clusters

Name	Cluster number	Public irrigated area (ha)	Development area (ha)	Seasonal Demand (kL)	Constant demand (kL)	Balancing Storage (kL)
Acton	1	0.2		1,200		23
ANU	2	2.1		12,600		244
Ainslie	3	6		36,000		697
Ainslie/Braddon	4	8.7		52,200		1,010
Amaroo	5	9.1		54,600		1,057
Aranda	6	9.1		54,600		1,057
Banks	7	2.8		16,800		325
Barton/Griffith	8	11.9		71,400		1,382
Barton	9	3.7		22,200		430
National Zoo	10	23.6		141,600		2,741
Arboretum	11	180		1,080,000		20,903
Macquarie/Belconnen	12	8.9		53,400		1,034
Belconnen1	13	2.8		16,800		325
Belconnen3	14	1.6		9,600		186
Belconnen2	15	3.5		21,000		406
Bonner	16	2.5		15,000		290
Bonython	17	2.6		15,600		302
University of Canberra	18	4.5		27,000		523
AIS	19	5.6		33,600		650
Bruce	20	4		24,000		465
Calwell1	21	3.2		19,200		372
Calwell2	22	1.7		10,200		197
Calwell3	23	12.4		74,400		1,440
RMC1	24	42.3		253,800		4,912
Campbell	25	6.4		38,400		743
ADFA	26	21.7		130,200		2,520
ANBG	27	40		240,000		4,645
Capital Hill	28	32		192,000		3,716
Dummy	29	0		0		0
Casey	30	2.5		15,000		290
Chapman	31	4.7		28,200		546
Charnwood2	32	10.5		63,000		1,219
Charnwood1	33	2.8		16,800		325
Chisholm	34	2.8		16,800		325
Fadden/Chisholm	35	8.1		48,600		941
City	36	0.1		600		12
Conder	37	10.1		60,600		1,173
Cook	38	2.1		12,600		244
Crace	39	5		30,000		581
Curtin1	40	6.6		39,600		766
Curtin2	41	2.5		15,000		290
Deakin4	42	2.3		13,800		267
Deakin1	43	2.5		15,000		290
Deakin3	44	14		84,000		1,626
Deakin2	45	0.7		4,200		81
Gordon	46	4.3		25,800		0
Dickson/Ainslie	47	4.8		28,800		557
Dickson	48	2.1		12,600		244
Watson/Dickson	49	10.1		60,600		1,173
Downer	50	3.4		20,400		395
Duffy	51	3.7		22,200		430
Evatt1	52	3.6		21,600		418
Evatt2	53	3		18,000		348
Fadden	54	2.3		13,800		267
Farrer	55	3.8		22,800		441
Florey1	56	1.9		11,400		221
Florey2	57	2		12,000		232
Flynn	58	2.2		13,200		255
Forrest	59	0.9		5,400		105
Franklin	60	2.5		15,000		290
Fraser	61	1.9		11,400		221
Phillip/Garran	62	7.3		43,800		848
Garran	63	1.5		9,000		174
Gilmore	64	1.9		11,400		221
Giralang	65	7.9		47,400		917
Gowrie	66	8.1		48,600		941

Name	Cluster number	Public irrigated area (ha)	Development area (ha)	Seasonal Demand (kL)	Constant demand (kL)	Balancing Storage (kL)
Greenway2	67	2.4		14,400		279
Greenway1	68	0.5		3,000		58
Greenway1	69	8.5		51,000		987
Griffith1	70	3.1		18,600		360
Griffith2	71	2.4		14,400		279
Kenny	72	2.5		15,000		290
Kenny	73	0	312	280,800	102,492	6,277
EPIC	74	6.1		36,600		708
Throsby1	75	11.37	379	409,320	124,502	8,946
Throsby	76	8		48,000		929
Jacka	77	10		60,000		1,161
Taylor	78	10		60,000		1,161
Yerrabi	79	6		36,000		697
Gungahlin	80	2.5		15,000		290
Hackett	81	2.3		13,800		267
Harrison	82	7		42,000		813
Hawker	83	14.1		84,600		1,637
Higgins	84	2.4		14,400		279
Holder	85	2.5		15,000		290
Holt	86	1.5		9,000		174
Kippax	87	17.4		104,400		2,021
Holt	88	52.2		313,200		6,062
Hughes	89	4.2		25,200		488
Isabella Plains	90	5.8		34,800		674
Kaleen2	91	12.4		74,400		1,440
Kaleen1	92	3.8		22,800		441
Kaleen3	93	5		30,000		581
Kambah2	94	8.5		51,000		987
Kambah1	95	0.02		120		2
Kambah4	96	14		84,000		1,626
Kambah3	97	8.1		48,600		941
Murrumbidgee	98	45		270,000		5,226
Latham	99	4		24,000		465
Lawson	100		88.2	79,380	28,974	1,775
Lyneham4	101	4.1		24,600		476
Lyneham3	102	2.5		15,000		290
Lyneham2	103	5.91		35,433		686
Lyneham1	104	6.4		38,400		743
Lyons	105	3.5		21,000		406
Macgregor	106	3.1		18,600		360
Macquarie	107	4.1		24,600		476
Fairbairn	108	-				0
Mawson	109	4.6		27,600		534
Torrens/Mawson	110	14.4		86,400		1,672
McKellar	111	3		18,000		348
Melba1	112	5.5		33,000		639
Melba2	113	9.2		55,200		1,068
Mitchell	114	38.7		232,200		4,494
Gungahlin Cemetery	115	13		78,000		1,510
Monash	116	1.9		11,400		221
Vikings Capital	117	30		180,000		3,484
Narrabundah1	118	1.9		11,400		221
Narrabundah4	119	14.6		87,600		1,695
Narrabundah2	120	2.2		13,200		255
Narrabundah3	121	6.1		36,600		708
Ngunnawal	122	2.2		13,200		255
Nicholls	123	6.6		39,600		766
Gungahlin Lakes	124	45		270,000		5,226
Gold Creek	125	21.5		129,000		2,497
O'Connor2	126	0.1		600		12
O'Connor1	127	1		6,000		116
Page	128	1.9		11,400		221
Palmerston	129	2.5		15,000		290
Commonwealth Park	130	34.25		205,500		3,977
Parkes	131	120		720,000		13,935
Pearce2	132	0.4		2,400		46
Pearce1	133	10.6		63,600		1,231
Phillip1	134	7.6		45,600		883
Phillip2	135	8.5		51,000		987
Pialligo	136	-				0
RMC2	137	1.9		11,400		221
Red Hill	138	0.6		3,600		70
Federal	139	11.5		69,000		1,335

Name	Cluster number	Public irrigated area (ha)	Development area (ha)	Seasonal Demand (kL)	Constant demand (kL)	Balancing Storage (kL)
Red Hill/Griffith	140	6.1		36,600		708
Richardson	141	1.4		8,400		163
Rivett	142	3.3		19,800		383
Scullin	143	5.1		30,600		592
Spence	144	3.1		18,600		360
Stirling	145	10.3		61,800		1,196
Symonston1	146	-				0
Symonston	147	10		60,000		1,161
Theodore	148	2.9		17,400		337
ANU	149	2.1		12,600		244
Turner	150	0.6		3,600		70
Wanniassa3	151	3.6		21,600		418
Wanniassa1	152	10.2		61,200		1,185
Wanniassa3	153	3.2		19,200		372
Wanniassa2	154	1.7		10,200		197
Waramanga	155	9.3		55,800		1,080
Watson	156	1.8		10,800		209
Weetangera	157	4.5		27,000		523
Molonglo1	158	71.718	2390.6	2,581,848	785,312	56,426
Molonglo	159	2.3		13,800		267
North Weston	160	5.4		32,400		627
Holder/Weston	161	2		12,000		232
Weston	162	1.8		10,800		209
Government House	163	20		120,000		2,323
Yarralumla3	164	14.6		87,600		1,695
Yarralumla5	165	46.5		279,000		5,400
Yarralumla1	166	6		36,000		697
Yarralumla2	167	0.2		1,200		23
Yarralumla4	168	2.8		16,800		325
Gold Creek Existing	169	23.5		141,000		2,729
Yerrabi	170	5.5		33,000		639
Land Development Agency	171	18.3		109,606		0
Forde	172	5.8		34,961		677
Gungahlin Cemetery	173	2.05		12,283		238
Lyneham2	174	44.09		264,567		5,121
Lyneham3	175	9		54,000		1,045
O'Connor1	176	6		36,000		697
Turner	177	2.1		12,600		244
Campbell	178	7.8		46,800		906
Eastlake	179	7		312,000		906

