

Demands from Community and Domestic Consumers (Base Year 2001)									
Notes	Township	Population Base 2001	Calculated Current Demand		Recorded flows? Yes/No	Recorded ADF (l/s/p)	Estimated ADF (l/s/p)	Peaking factors	
			Peak Flow (l/s)	Annual Demand (m3/yr)				ADF	PDF
Waitaki catchment									
Census	Mt Cook	234	17.04	295472	No		0.0364	1.10	2.00
Census	Tekapo	303	22.06	382599	Yes	0.0364		1.10	2.00
Census	Pukaki	14	1.02	13161	No		0.0271	1.10	2.70
Census	Twizel	1011	73.97	950429	Yes	0.0271		1.10	2.70
Census	Lake Ohau	50	3.66	47004	No		0.0271	1.10	2.70
Census	Omarama	279	20.41	262285	No		0.0271	1.10	2.70
Census	Otematata	243	17.78	228441	No		0.0271	1.10	2.70
Census	Aviemore	270	19.76	253824	No		0.0271	1.10	2.70
Census	Lake Waitaki	270	19.76	253824	No		0.0271	1.10	2.70
Census	Kurou	387	28.32	363814	No		0.0271	1.10	2.70
Census	Dunroon	120	6.00	83255	No		0.0200	1.10	2.50
Estimate	Glenavy	50	2.50	34690	No		0.0200	1.10	2.50
Estimate	Lower Waitaki	50	2.50	34690	No		0.0200	1.10	2.50
Census	Pukeuri	183	9.15	126964	No		0.0200	1.10	2.50
derived from LINZ	Mackenzie Distri	195	9.75	135289	No		0.0200	1.10	2.50
derived from LINZ	Waitaki District	870	43.50	603599	No		0.0200	1.10	2.50
derived from LINZ	Waimate District	454	11.35	157491	No		0.0100	1.10	2.50
	Sum:	4983	308.52	4226831					
North of Catchment									
TDC AMP (50%)	Pleasant Point	610	12.20	211607	Yes	0.0100		1.10	2.00
TDC AMP (50%)	Temuka	2000	35.00	693792	Yes	0.0100		1.10	1.75
TDC AMP (50%)	Geraldine	1150	23.00	398930	Yes	0.0100		1.10	2.00
WDC Dwelling data	Waikakahi	295	5.90	102334	Yes	0.0100		1.10	2.00
WDC Dwelling data	Lower Waihao	422	8.44	146390	Yes	0.0100		1.10	2.00
unknown	Timaru District		0.00	0	No		0.0100	1.10	2.00
	Sum:	4477	84.54	1553053					
South of Catchment									
Census (100%)	Weston	708	14.16	245602	No		0.0100	1.10	2.00
Census (100%)	Oamaru	11085	221.70	3845342	No		0.0100	1.10	2.00
Census (100%)	Kakanui	411	8.22	142574	No		0.0100	1.10	2.00
Census (100%)	Hampden	303	6.06	105109	No		0.0100	1.10	2.00
Census (100%)	Palmerston	810	16.20	280986	No		0.0100	1.10	2.00
Estimate (50%)	Waitaki District	1787	35.74	619903	No		0.0100	1.10	2.00
	Sum:	15104	302.08	5239517					
Extreme South of Catchment									
DCC AMP (100%)	Waikouaiti	1098	21.96	380892	Yes	0.0100		1.10	2.00
DCC AMP (100%)	Karitane	399	7.98	138412	Yes	0.0100		1.10	2.00
DCC AMP (100%)	Warrington	396	7.92	137371	Yes	0.0100		1.10	2.00
DCC AMP (100%)	Waitati	495	9.90	171714	Yes	0.0100		1.10	2.00
Estimate (30%)	Dunedin City Dis	356	7.12	123495	Yes	0.0100		1.10	2.00
	Sum:	2744	54.88	951883					
	Current Demand:	16,785	544.56	8,320,897					
	Projected Demand:								
Highlighted rows indicate Out of Catchment demands that currently take water from the Waitaki (Waikakahi, Lower Waihao and Oamaru), all other Out of Catchment demands are assumed to create new takes in the future									