

All stream depletion calculations in this sheet have used a Sy = 0.1

Consent	Client	Bore	Easting	Northing	Depth	Screen	Top Screen (2m)	SW Feature	Min Flow Site	Assessment	Distance
CRC952584.2	Mr A P & Ms R E & P J Heslop	M36/0445	2455000	5723800	12.2	7.1	7.1	Irwell River	Leeston-CHCH Rd	Hunt	765
CRC970963.2	Mr & Ms C L & C J Croft & Waugh	M36/0702	2452520	5710500	15	0	13	Harts Creek	Lower Lake Rd	Hunt	1473
CRC970963.2	Mr & Ms C L & C J Croft & Waugh	M36/0703	2453400	5710100	13	0	11	Harts Creek	Lower Lake Rd	Hunt	1442
CRC970963.2	Mr & Ms C L & C J Croft & Waugh	M36/0704	2452880	5710570	13	0	11	Harts Creek	Lower Lake Rd	Hunt	1465
CRC970963.2	Mr & Ms C L & C J Croft & Waugh	M36/0705	2452762	5710871	13	0	11	Harts Creek	Lower Lake Rd	Hunt	1280
CRC970963.2	Mr & Ms C L & C J Croft & Waugh	M36/0706	2452900	5711500	13	0	11	Harts Creek	Lower Lake Rd	Hunt	334
CRC011159.1	Mr & Mrs W P & M J Johnston	M36/0707	2454830	5710992	15	0	13	Harts Creek	Lower Lake Rd	Hunt	375
CRC010010.2	Lakeside Ayrshires Limited	M36/20136	2455700	5712800	10.6	0	8.6	Harts Creek	Lower Lake Rd	Hunt	450
CRC012253.1	Mr T P Chamberlain	M36/2629	2453900	5711882	12.5	0	10.5	Harts Creek	Lower Lake Rd	Hunt	340
CRC020270.3	Mr & Mrs G J & K E Bain	M36/3406	2451563	5712079	11	0	9	Harts Creek	Lower Lake Rd	Hunt	1082
CRC952584.2	Mr A P & Ms R E & P J Heslop	M36/4230	2455000	5723320	11.9	7.8	7.8	Irwell River	Leeston-CHCH Rd	Hunt	426
CRC970963.2	Mr & Ms C L & C J Croft & Waugh	M36/4718	2453080	5711320	12	7	7	Harts Creek	Lower Lake Rd	Hunt	370
CRC971182.2	Mr & Mrs D J & A M Carter	M36/5186	2455357	5710869	12	0	10	Harts Creek	Lower Lake Rd	Hunt	609
CRC020270.3	Mr & Mrs G J & K E Bain	M36/7098	2451290	5711360	14.61	11.61	11.61	Harts Creek	Lower Lake Rd	Hunt	1586
CRC970963.2	Mr & Ms C L & C J Croft & Waugh	M37/0060	2453500	5709900	13	0	11	Harts Creek	Lower Lake Rd	Hunt	1557
CRC012214.2	Mr & Mrs K L & K L Perry	L36/0071	2434140	5732930	13.1	9.8	9.8	Hororata River	Haldon WR Intake	Jenkins	477
CRC010624.1	Mr R P Ridgen	L36/0072	2435006	5734053	21	11.3	11.3	Selwyn River	Whitecliffs Rd Bge	Jenkins	100
CRC011930.1	S L & B E Chambers Limited	L36/0496	2441945	5729172	18	0	16	Irwell River	Lake Rd	Jenkins	433
CRC981994.2	Mr J M K Clay & Ms R M Chubb	L36/0555	2440579	5730002	14.5	0	12.5	Irwell River	Leeston-CHCH Rd	Jenkins	885
CRC010537.2	Mr & Mrs J W & C M Blue	L36/0579	2434515	5732454	20	0	18	Hororata River	Haldon WR Intake	Jenkins	830
CRC010537.2	Mr & Mrs J W & C M Blue	L36/0660	2434515	5732454	20	0	18	Irwell River	Lake Rd	Jenkins	564
CRC962277.2	Groundwater Holdings Limited	L36/0764	2449750	5729120	24.4	22.4	22.4	Selwyn River	Coes Ford	Jenkins	1026
CRC070239.1	Mr & Mrs L K A & N J Thorne	L37/0465	2449235	5708009	15.2	10	10	Jollies Brook	Sea Outlet	Jenkins	1087
CRC010758.1	Mr & Mrs L K A & N J Thorne	L37/0483	2448699	5708059	15	12	12	Jollies Brook	Sea Outlet	Jenkins	1400
CRC012502.2	Moorevale Farm Limited	L37/0490	2447743	5707072	17	10.2	10.2	Jollies Brook	Sea Outlet	Jenkins	1552
CRC011397.1	Mr C V & Mrs M B McEvedy	L37/0535	2449732	5704385	15.2	0	13.2	Jollies Brook	Sea Outlet	Jenkins	466
CRC952095.1	Mr B G Scott & Mr T J Scott & Mr T J Keene	L37/0638	2449116	5703962	15.5	12.5	12.5	Jollies Brook	Sea Outlet	Jenkins	1200
CRC010381.1	Mr & Mrs B H & J M Greenwood	L37/0941	2448956	5707109	11.05	0	9.05	Jollies Brook	Sea Outlet	Jenkins	950
CRC011508.1	Mr & Mrs M F & J M Greenwood	L37/0991	2449239	5706074	18.25	11.5	11.5	Jollies Brook	Sea Outlet	Jenkins	801
CRC010873.1	KO Farm Company Limited	M36/0386	2457772	5720337	12.8	7.9	7.9	Irwell River	Lake Rd	Jenkins	251
CRC010588.2	Mr M G Stephens	M36/0490	2458490	5719090	23.6	13.2	13.2	Irwell River	Lake Rd	Jenkins	148
CRC010619.1	Mr D C Gilbert	M36/0647	2451848	5716252	12.8	7.8	7.8	Birdlings Brook	Leggs Rd	Jenkins	185
CRC010594.1	Ms J L Chater	M36/1281	2456177	5724108	11	7.9	7.9	Selwyn River	Coes Ford	Jenkins	1000
CRC001750.2	Mr G D Heslop	M36/1369	2453645	5724600	12.8	7.9	7.9	Irwell River	Lake Rd	Jenkins	300
CRC010010.2	Lakeside Ayrshires Limited	M36/1909	2455700	5712800	10.6	0	8.6	Birdlings Brook	Leggs Rd	Jenkins	900
CRC011093.1	Mr & Mrs N C & D M Greenwood	M36/2236	2452564	5727605	27.3	15.4	15.4	Selwyn River	Coes Ford	Jenkins	483
CRC001750.2	Mr G D Heslop	M36/2475	2454129	5723986	12.2	6.4	6.4	Irwell River	Lake Rd	Jenkins	358
CRC010010.2	Lakeside Ayrshires Limited	M36/2628	2454940	5713070	14.9	8.3	8.3	Birdlings Brook	Leggs Rd	Jenkins	350
CRC010722.1	Mr B A & Mrs K E Walls	M36/2748	2461100	5722500	14	0	12	Selwyn River	Coes Ford	Jenkins	828
CRC010722.1	Mr B A & Mrs K E Walls	M36/2749	2461100	5722500	14	0	12	Selwyn River	Coes Ford	Jenkins	828
CRC010010.2	Lakeside Ayrshires Limited	M36/3234	2455435	5712522	10.3	0	8.3	Birdlings Brook	Leggs Rd	Jenkins	542
CRC971914.1	Mr & Mrs M J & D J Mavor	M36/3291	2455116	5721317	10.1	7.5	7.5	Hanmer Rd Drain	Lake Rd	Jenkins	758
CRC010502.1	Mr P W B & Mr D P Birkett	M36/3850	2450845	5716088	11.6	0	9.6	Birdlings Brook	Leggs Rd	Jenkins	515
CRC010502.1	Mr P W B & Mr D P Birkett	M36/4093	2450350	5716220	11.6	0	9.6	Birdlings Brook	Leggs Rd	Jenkins	920
CRC982147.1	Mr I G Odell	M36/5279	2451054	5728197	30	25	25	Selwyn River	Coes Ford	Jenkins	423
CRC010837.2	Mr P G Lowery	M36/6006	2451616	5714790	12	0	10	Birdlings Brook	Leggs Rd	Jenkins	787
CRC010873.1	KO Farm Company Limited	M36/7436	2457760	5720340	11.9	0	9.9	Irwell River	Lake Rd	Jenkins	251
CRC011397.1	Mr C V & Mrs M B McEvedy	M37/0023	2450088	5704260	15.8	9.7	9.7	Jollies Brook	Sea Outlet	Jenkins	276
CRC090149.1	Millbrook Limited	M37/0024	2450707	5702765	14	0	12	Jollies Brook	Sea Outlet	Jenkins	245
CRC090149.1	Millbrook Limited	M37/0025	2450447	5703047	11.8	0	9.8	Jollies Brook	Sea Outlet	Jenkins	465
CRC011397.1	Mr C V & Mrs M B McEvedy	M37/0026	2450311	5703946	12.15	0	10.15	Jollies Brook	Sea Outlet	Jenkins	330
CRC010381.1	Mr & Mrs B H & J M Greenwood	M37/0076	2450306	5706409	13.1	9.8	9.8	Jollies Brook	Sea Outlet	Jenkins	50
CRC010877.1	Mr A S McPherson	M37/0099	2454051	5708443	18	0	16	Taumutu	Taumutu Beach	Jenkins	1237
CRC010870.1	Brooklands Farm Limited	M37/0155	2452188	5704965	14.25	12.7	12.7	Lee River	Te Moana	Jenkins	186
CRC010431.1	Mr C L & Mrs E A Greenwood & Mr P J Cald	M37/0170	2450158	5705742	11.65	0	9.65	Jollies Brook	Sea Outlet	Jenkins	330

CRC012790.1	Mr L S Parnham	M37/0190	2455778	5708355	6	0	4	Waikekewai Creek	Taumutu Beach	Jenkins	460
CRC012790.1	Mr L S Parnham	M37/0193	2455877	5708550	16.5	0	14.5	Waikekewai Creek	Taumutu Beach	Jenkins	683
CRC010651.1	Mr G L & Mrs C E McFadden	M37/0223	2456779	5706412	16	11.6	11.6	Waikekewai Creek	Taumutu Beach	Jenkins	173
CRC010870.1	Brooklands Farm Limited	M37/0263	2452000	5705900	14	0	12	Lee River	Te Moana	Jenkins	384
CRC011397.1	Mr C V & Mrs M B McEvedy	M37/0264	2451005	5702982	15.5	0	13.5	Jollies Brook	Sea Outlet	Jenkins	241
CRC960389.3	Messrs M W, P A & G F Donald	M37/0307	2457520	5705491	18	15.6	15.6	Waikekewai Creek	Taumutu Beach	Jenkins	435
CRC960222.1	Mr R J Parkin	M37/0313	2455393	5707833	29	18	18	Waikekewai Creek	Taumutu Beach	Jenkins	92.3
CRC960222.1	Mr R J Parkin	M37/0314	2455940	5707621	29	18	18	Waikekewai Creek	Taumutu Beach	Jenkins	113.4
CRC960222.1	Mr R J Parkin	M37/0315	2456373	5707501	29.4	18	18	Waikekewai Creek	Taumutu Beach	Jenkins	133
CRC010870.1	Brooklands Farm Limited	M37/0333	2452226	5705404	13.5	10.5	10.5	Lee River	Te Moana	Jenkins	78
CRC040851.1	Mr L S Parnham	M37/0370	2455379	5706821	8	0	6	Waikekewai Creek	Taumutu Beach	Jenkins	1280
CRC012790.1	Mr L S Parnham	M37/0382	2456450	5708408	0	0	-2	Waikekewai Creek	Taumutu Beach	Jenkins	751
CRC040851.1	Mr L S Parnham	M37/0464	2455200	5707600	16.7	0	14.7	Waikekewai Creek	Taumutu Beach	Jenkins	400
CRC040851.1	Mr L S Parnham	M37/0465	2455000	5707400	16.7	0	14.7	Waikekewai Creek	Taumutu Beach	Jenkins	670

The consents below have been assessed for spring depletion as the aquifer/stream may not be unconfined (Jenkins /Theis SD assumption)

Consent	Client	Bore	Easting	Northing	Depth	Screen	Top Screen (2m)	SW Feature	Min Flow Site	Assessment	Distance
CRC011510.3	Mr C J Prattley	L36/0455	2449150	5721206	16.7	0	14.7	Boggy Creek	Inwell-Rakaia Rd	Theis	745
CRC960105.3	Mr & Mrs A J & L E Samson	L36/2203	2446193	5724249	24.3	12	12	Hanmer Rd Drain	Lake Rd	Theis	1797
CRC010431.1	r C L & Mrs E A Greenwood & Mr P J Cald	L37/0467	2449586	5706670	13.7	8	8	Jollies Brook	Sea Outlet	Theis	1293
CRC010431.1	r C L & Mrs E A Greenwood & Mr P J Cald	L37/0468	2449572	5706252	10.07	0	8.07	Jollies Brook	Sea Outlet	Theis	889
CRC970798.1	Mr F J Everest	L37/0470	2449002	5705132	8.5	0	6.5	Jollies Brook	Sea Outlet	Theis	743
CRC010431.1	r C L & Mrs E A Greenwood & Mr P J Cald	L37/0522	2449541	5705774	11	7	7	Jollies Brook	Sea Outlet	Theis	449.2
CRC010431.1	r C L & Mrs E A Greenwood & Mr P J Cald	L37/0523	2449662	5705666	11.6	0	9.6	Jollies Brook	Sea Outlet	Theis	315.7
CRC010636.3	Millbrook Limited	L37/0526	2449919	5709746	12	0	10	Lee River	Te Moana	Theis	608
CRC970798.1	Mr F J Everest	L37/0731	2448318	5705295	14.8	11.8	11.8	Jollies Brook	Sea Outlet	Theis	1370
CRC970798.1	Mr F J Everest	L37/0733	2448174	5705526	12	0	10	Jollies Brook	Sea Outlet	Theis	1515
CRC970798.1	Mr F J Everest	L37/0734	2449153	5704499	11.4	0	9.4	Jollies Brook	Sea Outlet	Theis	950
CRC970353.2	Messrs A G & R L Barnett	M37/0321	2454791	5709358	20	0	18	Harts Creek	Lower Lake Rd	Theis	561
CRC010833.1	↳ Mrs D G & K L & Mr J L Chamberlain & C	M36/0649	2454056	5714479	13.1	6.6	6.6	Birdlings Brook	Leggs Rd	Theis	1505
CRC010833.1	↳ Mrs D G & K L & Mr J L Chamberlain & C	M36/0650	2454016	5714473	11	6.7	6.7	Birdlings Brook	Leggs Rd	Theis	1485
CRC012087.2	Altonbrook Farm Limited	M36/1523	2452518	5710107	12.5	10.5	10.5	Lee River	Te Moana	Theis	1647
CRC012253.1	Mr T P Chamberlain	M36/2630	2454670	5713490	12.8	0	10.8	Birdlings Brook	Leggs Rd	Theis	710
CRC012253.1	Mr T P Chamberlain	M36/3205	2454180	5712740	12.2	6.7	6.7	Birdlings Brook	Leggs Rd	Theis	250
CRC093209	Messrs A G & R L Barnett	M36/5240	2454200	5710520	20	0	18	Harts Creek	Lower Lake Rd	Theis	694
CRC970353.2	Estate L G & H I Barnett	M36/5241	2454690	5710510	20	0	18	Harts Creek	Lower Lake Rd	Theis	858
CRC021939.2	Messrs D J & A J & Mrs A K Winchester	M37/0031	2451926	5709424	15	0	13	Lee River	Te Moana	Theis	1434
CRC010720.1	Mr & Mrs L G & V M McMillan	M37/0035	2452687	5707255	15.8	0	13.8	Lee River	Te Moana	Theis	664.1
CRC010720.1	Mr & Mrs L G & V M McMillan	M37/0036	2453568	5708752	18.2	0	16.2	Waikekewai Creek	Taumutu Beach	Theis	119.4
CRC010877.1	Mr A S McPherson	M37/0038	2453577	5707404	16	0	14	Lee River	Altonbrook	Theis	1340
CRC010663.2	Donald Brothers Limited	M37/0046	2455859	5706972	10.6	7.6	7.6	Waikekewai Creek	Taumutu Beach	Theis	1526
CRC970873.1	Mr R J Heslop	M37/0055	2451127	5706009	10.1	0	8.1	Jollies Brook	Sea Outlet	Theis	1373
CRC010793.1	Mr G L & Mrs C E McFadden	M37/0081	2457100	5705400	12.2	9.3	9.3	Waikekewai Creek	Taumutu	Theis	663
CRC010720.1	Mr & Mrs L G & V M McMillan	M37/0095	2453900	5708600	17.1	9.9	9.9	Waikekewai Creek	Taumutu Beach	Theis	918.6
CRC012783.2	Altonbrook Farm Limited	M37/0098	2452680	5708945	13.1	10.1	10.1	Lee River	Te Moana	Theis	1476
CRC010794.1	Mr A A T Partridge	M37/0102	2454800	5706700	12.2	0	10.2	Waikekewai Creek	Taumutu	Theis	1550
CRC970873.2	Mr R J Heslop	M37/0108	2450871	5706423	14.2	0	12.2	Jollies Brook	Sea Outlet	Theis	1536
CRC970873.2	Mr R J Heslop	M37/0109	2450878	5705455	13.9	0	11.9	Jollies Brook	Sea Outlet	Theis	807
CRC970873.1	Mr R J Heslop	M37/0110	2450844	5705989	11.5	0	9.5	Jollies Brook	Sea Outlet	Theis	1199
CRC071542.1	Altonbrook Farm Limited	M37/0114	2453915	5709056	13.7	0	11.7	Waikekewai Creek	Taumutu beach	Theis	837
CRC011922.1	Mr & Mrs W R & K G Coles	M37/0118	2456150	5706650	12.8	0	10.8	Waikekewai Creek	Taumutu Beach	Theis	1380
CRC010636.3	Millbrook Limited	M37/0119	2450510	5708320	15.2	8.5	8.5	Lee River	Te Moana	Theis	1005
CRC010652.1	Mr J S Winchester	M37/0160	2454422	5707309	17.6	14.6	14.6	Waikekewai Creek	Taumutu Beach	Theis	1650
CRC010431.1	r C L & Mrs E A Greenwood & Mr P J Cald	M37/0169	2450333	5705809	8	0	6	Jollies Brook	Sea Outlet	Theis	833.6
CRC010431.1	r C L & Mrs E A Greenwood & Mr P J Cald	M37/0170	2450158	5705742	11.65	0	9.65	Jollies Brook	Sea Outlet	Theis	1016.5
CRC010877.1	Mr A S McPherson	M37/0173	2453824	5707689	14.5	11.3	11.3	Lee River	Altonbrook	Theis	1471
CRC010720.1	Mr & Mrs L G & V M McMillan	M37/0225	2453200	5708000	15.2	0	13.2	Lee River	Te Moana	Theis	831.4
CRC010720.1	Mr & Mrs L G & V M McMillan	M37/0226	2453178	5708036	18.3	12.2	12.2	Lee River	Te Moana	Theis	812
CRC010720.1	Mr & Mrs L G & V M McMillan	M37/0233	2453013	5707599	13.8	0	11.8	Lee River	Te Moana	Theis	756.1

CRC071542.1	Altonbrook Farm Limited	M37/0236	2453371	5709358	13.7	0	11.7	Waikekewai Creek	Taumutu beach	Theis	1436
CRC010720.1	Mr & Mrs L G & V M McMillan	M37/0293	2452015	5706928	20.3	14	14	Lee River	Te Moana	Theis	88.2
CRC071542.1	Altonbrook Farm Limited	M37/0301	2454036	5708779	11.7	0	9.7	Waikekewai Creek	Taumutu beach	Theis	721
CRC010720.1	Mr & Mrs L G & V M McMillan	M37/0326	2451475	5707843	14	10	10	Lee River	Te Moana	Theis	298.5
CRC010720.1	Mr & Mrs L G & V M McMillan	M37/0327	2452522	5705876	17	13	13	Lee River	Te Moana	Theis	451.8
CRC010663.2	Donald Brothers Limited	M37/0479	2455700	5706720	11	0	9	Waikekewai Creek	Taumutu Beach	Theis	1282
CRC010636.3	Millbrook Limited	M37/0485	2450550	5708230	14.72	11.72	11.72	Lee River	Te Moana	Theis	950

Connection (s=0.1)	Depl Calc	Pump rate	T	S	Aq test within 500m	Lambda	Screen info	Depth <15	Input Score	Cut-off
moderate	8.8	11.75	2500			50	Yes	Yes	3	176%
moderate	18.5	26.8	10000			27.2	No	No	1	369%
moderate	18.6	26.8	10000			27.2	No	Yes	2	372%
moderate	18.5	26.8	10000			27.2	No	Yes	2	370%
moderate	19.2	26.8	10000			27.2	No	Yes	2	383%
moderate	22.7	26.8	10000			27.2	No	Yes	2	454%
moderate	5.7	6.84	10000			27.2	No	No	1	115%
moderate	11.6	12.8	10000			118.9	No	Yes	2	232%
moderate	11.2	13.3	2300			27.2	No	Yes	2	225%
moderate	24.2	29.7	10000			118.9	No	Yes	2	485%
moderate	9.6	11.75	1500			50	Yes	Yes	3	192%
moderate	22.5	26.8	10000			27.2	Yes	Yes	3	451%
moderate	8.8	11.61	10000			18.3	No	Yes	2	177%
moderate	22.1	29.7	10000			118.9	Yes	Yes	3	443%
moderate	18.2	26.8	10000			27.2	No	Yes	2	363%
moderate	7.2	9.05	1100				Yes	Yes	3	144%
high	24.7	25.12	8600				Yes	No	2	495%
moderate	18.9	21.65	2500				No	No	1	379%
moderate	14.3	22.3	1200				No	Yes	2	286%
moderate	11.1	12.8	8000				No	No	1	222%
moderate	11.6	13.84	2500				No	No	1	232%
moderate	5.8	8.2	2500				Yes	No	2	116%
moderate	13.5	16	10000				Yes	No	2	270%
moderate	14.3	19	6700				Yes	No	2	287%
moderate	24.0	30.86	10000				Yes	No	2	480%
moderate	23.0	24.7	10000				No	No	1	461%
moderate	19.7	23.8	10000				Yes	No	2	393%
moderate	8.5	10.5	5000				No	Yes	2	169%
moderate	16.8	19.5	7000				Yes	No	2	336%
moderate	5.9	6.6	1200				Yes	Yes	3	118%
moderate	14.3	15.2	1300				Yes	No	2	286%
moderate	5.5	5.76	3300	0.0007	yes		Yes	Yes	4	110%
moderate	14.5	21.8	1800				Yes	Yes	3	291%
moderate	11.1	12	3500				Yes	Yes	3	222%
moderate	18.4	26	1900				No	Yes	2	367%
moderate	46.3	55.9	1650	0.0004	yes		Yes	No	3	926%
moderate	10.8	12	2700				Yes	Yes	3	216%
moderate	23.4	26.5	1900				Yes	Yes	3	468%
moderate	12.1	15.5	3000				No	Yes	2	243%
moderate	12.1	15.5	3000				No	Yes	2	243%
moderate	16.5	20	2000				No	Yes	2	330%
moderate	8.1	12	1100				Yes	Yes	3	162%
moderate	18.3	22	2000				No	Yes	2	367%
moderate	15.6	22	2000				No	Yes	2	311%
moderate	18.2	20.9	2200				Yes	No	2	363%
moderate	11.4	15.13	2100				No	Yes	2	228%
moderate	5.9	6.6	1200				No	Yes	2	118%
moderate	23.7	24.7	10000				Yes	No	2	474%
moderate	10.6	11.02	10000				No	Yes	2	213%
moderate	10.3	11.02	10000				No	Yes	2	205%
moderate	23.5	24.7	10000				No	Yes	2	470%
high	29.7	30	5000				Yes	Yes	3	594%
moderate	30.6	42.4	4000				No	No	1	611%
moderate	35.3	36.3	10000				Yes	Yes	3	706%
moderate	12.0	12.61	10000				No	Yes	2	240%

moderate	10.4	11.1	10000	No	Yes	2	207%
moderate	10.0	11.1	10000	No	No	1	200%
moderate	4.9	5.06	10000	Yes	No	2	99%
moderate	34.3	36.3	10000	No	Yes	2	685%
moderate	23.8	24.7	10000	No	No	1	477%
moderate	19.1	21.03	5000	Yes	No	2	383%
high	24.7	25	10000	Yes	No	2	493%
high	24.6	25	10000	Yes	No	2	492%
high	24.5	25	10000	Yes	No	2	490%
high	35.9	36.3	10000	Yes	Yes	3	718%
moderate	8.2	10.11	10000	No	Yes	2	165%
moderate	9.9	11.1	10000	No	Yes	2	198%
moderate	9.5	10.11	10000	No	No	1	190%
moderate	18.3	20.23	10000	No	No	1	365%

Connection (s=0.1)	Depl Calc (stream model)	Pump rate	Theis Q150 Dd	T	S				
Moderate	13.4	19.27	0.98	1200	0.0001	No	No	1	268%
None	2.0	6.69	0.32	1000	0.0001	Yes	No	2	40%
Moderate	31.5	38.74	0.26	10000	0.0001	Yes	Yes	3	630%
Moderate	33.8	38.75	0.28	10000	0.0001	No	Yes	2	675%
Moderate	26.7	29.96	0.23	10000	0.0001	No	Yes	2	535%
Moderate	36.2	38.70	0.32	10000	0.0001	Yes	Yes	3	723%
Moderate	36.9	38.73	0.34	10000	0.0001	No	Yes	2	739%
Moderate	21.7	23.85	0.19	10000	0.0001	No	Yes	2	435%
Moderate	24.0	29.85	0.20	10000	0.0001	Yes	Yes	3	479%
Moderate	23.4	29.86	0.20	10000	0.0001	No	Yes	2	467%
Moderate	25.7	29.84	0.22	10000	0.0001	No	Yes	2	515%
Moderate	32.1	35.00	0.28	10000	0.0001	No	No	1	643%
None	2.9	12.70	0.58	525	0.0025	Yes	Yes	4	59%
None	3.0	12.70	0.58	525	0.0025	Yes	Yes	4	60%
Moderate	13.1	17.13	0.11	10000	0.0001	Yes	Yes	3	262%
Moderate	10.2	13.31	0.46	1900	0.0001	No	Yes	2	204%
Moderate	12.2	13.29	0.58	1800	0.0001	Yes	Yes	3	243%
Moderate	31.5	35.00	0.27	10000	0.0001	No	No	1	629%
Moderate	30.6	35.00	0.26	10000	0.0001	No	No	1	613%
Moderate	13.8	16.94	0.11	12140	0.00016	yes	No	2	275%
Moderate	22.6	24.97	0.19	10000	0.0001	No	No	1	451%
high	16.8	17.15	0.17	10000	0.0001	No	No	1	337%
Moderate	7.9	10.72	0.13	5500	0.0001	No	No	1	159%
Moderate	20.3	26.00	0.17	10000	0.0001	Yes	Yes	3	406%
Moderate	16.8	20.95	0.14	10000	0.0001	No	Yes	2	336%
Moderate	7.5	8.55	0.11	5600	0.0001	Yes	Yes	3	149%
Moderate	21.7	24.98	0.18	10000	0.0001	Yes	No	2	433%
Moderate	21.0	28.47	0.28	6500	0.0001	Yes	Yes	3	420%
Moderate	9.7	17.00	0.40	2500	0.0001	No	Yes	2	194%
Moderate	16.3	20.98	0.14	10000	0.0001	No	Yes	2	327%
Moderate	18.6	21.04	0.16	10000	0.0001	No	Yes	2	371%
Moderate	17.3	20.96	0.15	10000	0.0001	No	Yes	2	347%
Moderate	30.7	35.00	0.26	10000	0.0001	No	Yes	2	615%
Moderate	20.8	26.00	0.17	10000	0.0001	No	Yes	2	417%
Moderate	27.3	31.98	0.23	10000	0.0001	Yes	No	2	546%
Moderate	19.8	26.00	0.17	10000	0.0001	Yes	No	2	397%
Moderate	34.0	38.69	0.29	10000	0.0001	No	Yes	2	680%
Moderate	33.1	38.77	0.28	10000	0.0001	No	Yes	2	661%
Moderate	7.7	10.69	0.12	5500	0.0001	Yes	Yes	3	153%
Moderate	22.0	25.06	0.19	10000	0.0001	No	No	1	441%
Moderate	22.0	24.95	0.19	10000	0.0001	Yes	No	2	440%
Moderate	22.3	25.03	0.19	10000	0.0001	No	Yes	2	446%

Moderate	33.3	42.00	0.28	10000	0.0001		No	Yes	2	666%
high	31.6	31.98	0.34	10000	0.0001		Yes	No	2	631%
Moderate	26.0	29.00	0.22	10000	0.0001		No	Yes	2	519%
Moderate	20.2	20.95	0.18	16790	0.0002	yes	Yes	Yes	4	405%
Moderate	19.6	20.94	0.17	10000	0.0001		Yes	No	2	391%
Moderate	20.4	25.00	0.17	10000	0.0001		No	Yes	2	407%
Moderate	21.6	25.01	0.18	10000	0.0001		Yes	Yes	3	431%

Summary	Overall Score	Q7 Connection%	Q7 depl (Q150 rate)	Max pump rate to be under 5 L/s @ 150 days	% of Q 150
T est Lambda value used	5	15%	1.75	6.68	57%
T est Lambda value used	4	10%	2.58	7.26	27%
T est Lambda value used	7	10%	2.72	7.21	27%
T est Lambda value used	7	10%	2.62	7.25	27%
T est Lambda value used	8	13%	3.51	6.99	26%
T est Lambda value used	9	44%	11.82	5.91	22%
T est Lambda value used	1	42%	2.89	5.95	87%
T est Lambda value used	5	60%	7.74	5.51	43%
T est Lambda value used	4	39%	5.18	5.92	45%
T est Lambda value used	10	29%	8.75	6.13	21%
T est Lambda value used	6	29%	3.43	6.13	52%
T est Lambda value used	14	42%	11.38	5.94	22%
T est Lambda value used	4	26%	3.03	6.56	57%
T est Lambda value used	13	14%	4.20	6.71	23%
T est Lambda value used	7	8%	2.24	7.38	28%
T estimated no lambda	4	22%	2.03	6.31	70%
T estimated no lambda	10	93%	23.30	5.08	20%
T estimated no lambda	4	46%	10.05	5.72	26%
T estimated no lambda	6	3%	0.69	7.80	35%
T estimated no lambda	2	43%	5.54	5.78	45%
T estimated no lambda	2	34%	4.71	5.97	43%
T estimated no lambda	2	8%	0.68	7.06	86%
T estimated no lambda	5	36%	5.73	5.93	37%
T estimated no lambda	6	15%	2.82	6.62	35%
T estimated no lambda	10	19%	5.85	6.44	21%
T estimated no lambda	5	69%	17.13	5.36	22%
T estimated no lambda	8	31%	7.39	6.05	25%
T estimated no lambda	3	26%	2.69	6.20	59%
T estimated no lambda	7	42%	8.16	5.81	30%
T estimated no lambda	4	54%	3.57	5.59	85%
T estimated no lambda	6	73%	11.08	5.32	35%
T measured no lambda	4	79%	4.52	5.25	91%
T estimated no lambda	9	5%	1.01	7.50	34%
T estimated no lambda	7	67%	8.02	5.40	45%
T estimated no lambda	7	8%	2.11	7.08	27%
T measured no lambda	28	31%	17.60	6.04	11%
T estimated no lambda	6	56%	6.72	5.56	46%
T estimated no lambda	14	50%	13.18	5.66	21%
T estimated no lambda	5	20%	3.12	6.39	41%
T estimated no lambda	5	20%	3.12	6.39	41%
T estimated no lambda	7	31%	6.11	6.06	30%
T estimated no lambda	5	5%	0.64	7.39	62%
T estimated no lambda	7	33%	7.27	6.00	27%
T estimated no lambda	6	8%	1.81	7.07	32%
T estimated no lambda	7	45%	9.32	5.75	28%
T estimated no lambda	5	15%	2.22	6.63	44%
T estimated no lambda	2	54%	3.57	5.59	85%
T estimated no lambda	9	82%	20.14	5.21	21%
T estimated no lambda	4	84%	9.21	5.18	47%
T estimated no lambda	4	69%	7.65	5.36	49%
T estimated no lambda	9	78%	19.27	5.25	21%
T estimated no lambda	18	95%	28.57	5.05	17%
T estimated no lambda	6	10%	4.17	6.93	16%
T estimated no lambda	21	88%	31.77	5.14	14%
T estimated no lambda	5	78%	9.84	5.25	42%



Spring type unknown T & S estimated - no test	13	22%	9.45	6.30	15%	14.99
Spring type unknown T & S estimated - no test	13	94%	30.08	5.07	16%	9.52
Spring type unknown T & S estimated - no test	10	54%	15.73	5.58	19%	13.13
Spring type unknown T & S calculated from test	16	85%	17.72	5.17	25%	11.94
Spring type unknown T & S estimated - no test	8	70%	14.71	5.35	26%	12.11
Spring type unknown T & S estimated - no test	8	28%	6.96	6.14	25%	14.65
Spring type unknown T & S estimated - no test	13	42%	10.55	5.80	23%	13.82