APPENDIX G

Discharge Locations

Class	Pipe ID	Pipe diameter	Watercourse name	Easting	Northing
1	19201	225	Heathcote River / Opawaho	2478647.000	5738295.000
1	19203	300	Heathcote River / Opawaho	2478557.000	5738398.000
1	19248	450	Heathcote River / Opawaho	2478395.000	5738564.000
1	20863	150	Heathcote River / Opawaho	2477887.000	5738794.000
2	22266	300	Heathcote River / Opawaho	2476251.000	5734810.000
1	22549	225	Heathcote River / Opawaho	2476822.000	5739156.000
1	22555	375	Heathcote River / Opawaho	2476626.000	5739050.000
1	22560	375	Heathcote River / Opawaho	2476327.000	5739173.000
2	23373	150	Quarry Road Drain Branch No 2	2475459.000	5735215.000
2	23399	375	Quarry Road Drain Branch No 2	2475417.000	5735207.000
1	26688	225	Heathcote River / Opawaho	2478702.000	5737533.000
1	26712	225	Heathcote River / Opawaho	2478686.000	5738126.000
1	26713	225	Heathcote River / Opawaho	2478680.000	5738130.000
1	1	300-450	Heathcote River / Opawaho	2476081.000	5739204.000
1	2	300-450	Heathcote River / Opawaho	2476081.000	5739204.000
4	3	-	Flemings Drain	2479214.611	5736366.926
4	4	-	Flemings Drain	2479400.030	5736255.675
4	5	-	Flemings Drain	2479573.087	5736064.075
4	6	-	Flemings Drain	2479801.771	5735724.141
4	7	-	Flemings Drain	2479987.190	5735452.193
4	8	-	Flemings Drain	2480574.349	5734055.370
4	9	-	Flemings Drain	2480679.420	5733950.300
4	10	-	Worsleys Drain	2479004.469	5735242.051
4	11	-	Cashmere Stream	2478448.213	5736607.971
4	12	-	Cashmere Stream	2477972.304	5736700.680
4	13	-	Cashmere Stream	2477181.183	5736082.617
4	14	-	Cashmere Stream	2477310.977	5736366.926
4	15	-	Cashmere Stream	2477564.382	5736583.248
4	16	-	Hoon Hay Valley Stream	2478442.032	5733962.661
4	17	-	Hoon Hay Valley Stream	2479492.739	5732510.213
4	18	-	Hoon Hay Valley Stream	2479999.551	5732195.001
4	19	-	Halswell River	2474585.319	5733356.959
4	20	-	Halswell River	2474987.060	5733313.695
4	21	-	Greens Drain	2475197.201	5734290.234
4	22	-	Greens Drain	2475530.955	5734222.247
4	23	-	Halswell River	2473985.798	5734376.763
4	24	-	Knights Stream	2472619.878	5736156.785
4	25	-	Knights Stream	2472786.755	5736533.803
4	26	-	Knights Stream	2472335.569	5737306.382
4	27	-	Knights Stream	2472422.098	5737677.220
4	28	-	Heathcote River	2473200.857	5738987.513
4	29	-	Heathcote River	2472990.716	5739086.404
4	30	-	Heathcote River	2472656.962	5739092.584
3	31	-	Heathcote River	2475475.329	5738301.463
3	32	-	Halswell River	2474266.673	5734423.118
4	33	-	Heathcote River	2477242.990	5739222.377
4	34	-	Heathcote River	2477150.280	5739290.364
4	35	-	Heathcote River	2476835.068	5739191.474
3	36	-	Heathcote River	2476915.416	5739315.087
3	37	-	Heathcote River	2476056.309	5739191.474
4	38	-	Cashmere Stream	2478685.791	5736472.074
4	39	-	Knights Stream	2472422.400	5737770.967
4	40	-	Cashmere Stream	2477863.043	5736696.142
4	41	-	Hoon Hay Valley Stream	2477390.400	5735505.783

4	42	-	Quaifes Drain	2474221.943	5735071.651
4	43	-	Quaifes Drain	2473920.852	5735589.808
4	44	-	Quaifes Drain	2473808.819	5735677.334
4	45	-	Quaifes Drain	2473066.594	5736293.520
4	46	-	Quaifes Drain	2472874.036	5736454.569
4	47	-	Quaifes Drain	2473920.852	5735589.808
4	48	-	Quaifes Drain	2473073.597	5736293.520
4	49	-	Worsleys Drain	2480044.201	5733333.377

At Golder Associates we strive to be the most respected global company providing consulting, design, and construction services in earth, environment, and energy. Employee owned since our formation in 1960, we have created a unique culture with pride in ownership, resulting in long-term organisational stability. Golder professionals take the time to build an understanding of client needs and of the specific environments in which they operate. We continue to expand our technical capabilities and have experienced steady growth with employees who operate from offices located throughout Africa, Asia, Australasia, Europe, North America, and South America.

Africa	+ 27 11 254 4800
Asia	+ 852 2562 3658
Australia & New Zealand	+ 61 7 3721 5400
Europe	+ 44 356 21 42 30 20
North America	+ 1 800 275 3281
South America	+ 55 21 3095 9500

solutions@golder.com
www.golder.com

TAKAPUNA

Tel [64] (9) 486 8068
Fax [64] (9) 486 8072

Level 2
Takapuna Business Park
4 Fred Thomas Drive
Takapuna
Auckland 0740

(PO Box 33-849
Takapuna 0622)

CHRISTCHURCH

Tel [64] (3) 377 5696
Fax [64] (3) 377 9944

Level 1
132 Tuam Street
Christchurch 8011

(PO Box 2281
Christchurch 8140)

TAURANGA

Tel [64] (7) 928 5335
Fax [64] (7) 928 5336

78 Maunganui Road
Tauranga 3116

(PO Box 13611
Tauranga Central
Tauranga 3141)

DUNEDIN

Tel [64] (3) 479 0390
Fax [64] (3) 474 9642

Level 9A
John Wickliffe House
265 Princes Street
Dunedin 9016

(PO Box 1087
Dunedin 9054)

NELSON

Tel [64] (3) 548 1707
Fax [64] (3) 548 1727

Level 3
295 Trafalgar Street
Nelson 7010

(PO Box 1724
Nelson 7040)

Golder Associates