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## Appendix 1A. Ashburton River Zone Applications in Priority Order

| Consent     | Applicant   | State        | Received    | Notifiable Date |
|-------------|---|--------------|-------------|-----------------|
| CRC021793   | Ashburton Contracting Limited                                   | A1,H3        | 24 Apr 2002 | 11 Mar 2004     |
| CRC021619   | Braemar Glen Farms Limited                                      | A5,H3        | 25 Mar 2002 | 30 Nov 2004     |
| CRC052478   | Roxburgh Farms Limited  | A6,H2        | 03 Mar 2005 | 03 Mar 2005     |
| CRC052609   | Mr & Mrs N C & G M Currie                                       | A6           | 14 Mar 2005 | 14 Mar 2005     |
| CRC052629   | Mr & Mrs P J & G S Watson                                       | A1,H7        | 16 Mar 2005 | 16 Mar 2005     |
| CRC052651   | Mr A J H McNab  | A6,H2        | 17 Mar 2005 | 17 Mar 2005     |
| CRC052214   | Messrs P J & M J Sheate   | A6           | 09 Feb 2005 | 18 Mar 2005     |
| CRC052731   | Mr & Mrs D G & C M Williamson                                   | A5,H3        | 23 Mar 2005 | 23 Mar 2005     |
| CRC052032   | Mr & Mrs N S & A J Lowe   | A6           | 28 Apr 2005 | 28 Apr 2005     |
| CRC021985   | Tauhei Farms Limited  | A1,H3        | 22 May 2002 | 04 May 2005     |
| CRC051943   | G J Cairns Limited  | A6           | 20 Jan 2005 | 04 May 2005     |
| CRC052871   | Mr A F Brown  | A6           | 07 Apr 2005 | 04 May 2005     |
| CRC052786   | Alford Park Limited   | A6           | 31 Mar 2005 | 17 May 2005     |
| CRC054347   | Messrs GR & RL Briggs   | A6           | 27 May 2005 | 27 May 2005     |
| CRC054367   | Mr & Mrs C M & B A Nordquist                                    | A6           | 27 May 2005 | 27 May 2005     |
| CRC054379   | Mr & Ms B R & A J Lowe & Crum                                   | A6           | 31 May 2005 | 31 May 2005     |
| CRC054382   | Lagmhor Limited   | A6           | 31 May 2005 | 31 May 2005     |
| CRC054386   | Mr & Mrs M R & A W Scammell                                     | A1,H3,<br>H7 | 01 Jun 2005 | 31 May 2005     |
| CRC054425   | Tullymett Farm Limited  | A6           | 03 Jun 2005 | 03 Jun 2005     |
| CRC054452   | Mr & Mrs T C & M L Pearce                                       | A1,H3        | 07 Jun 2005 | 07 Jun 2005     |
| CRC054454   | Mr & Mrs L R & H J Digby  | A6           | 07 Jun 2005 | 07 Jun 2005     |
| CRC054610   | Mr M F M & Mrs A B B Talbot and Whitehouse Ten Trustees Limited | A6           | 14 Jun 2005 | 14 Jun 2005     |
| CRC054845   | Mr & Mrs G & V A Prendergast                                    | A6           | 29 Jun 2005 | 29 Jun 2005     |
| CRC060292   | Monty Fields Limited  | A6           | 29 Jul 2005 | 29 Jul 2005     |
| CRC060504   | Whitcroft Trust   | A1,H3        | 18 Aug 2005 | 18 Aug 2005     |
| CRC061073   | Mr R A Bennett  | A6,H3        | 29 Sep 2005 | 29 Sep 2005     |
| CRC061923   | K S R Family Trust  | A6,H3        | 02 Dec 2005 | 09 Dec 2005     |
| CRC062398   | Mr & Mrs K M & L M McCosker                                     | A6           | 23 Dec 2005 | 23 Dec 2005     |
| CRC062865   | Mr & Mrs P F & J A Stoddart                                     | A6           | 14 Feb 2006 | 14 Feb 2006     |
| CRC060790   | Mr & Mrs S B & M J Cross  | A6           | 05 Sep 2005 | 24 Apr 2006     |
| CRC063817   | Mr & Mrs H & M Shearer  | A6           | 03 May 2006 | 03 May 2006     |
| CRC064232   | Ross Tait Limited   | A6           | 09 Jun 2006 | 09 Jun 2006     |
| CRC020257.1 | Mr & Mrs G M & S M Fechney                                      | A1,H2        | 02 May 2006 | 14 Jul 2006     |
| CRC071168   | Stepping Stones (2004) Limited                                  | A6           | 20 Oct 2006 | 20 Oct 2006     |

## Appendix 1B. Valetta Zone Applications in Priority Order

| Consent   | Applicant   | State | Received    | Notifiable Date |
|-----------|---|-------|-------------|-----------------|
| CRC042248 | Mr & Mrs G P & F M Wilson                         | A6,H3 | 26 Apr 2004 | 26 Apr 2004     |
| CRC042880 | Gregory Partnership                               | A6,H3 | 25 Jun 2004 | 25 Jun 2004     |
| CRC050064 | Mr & Mrs L P & M M Read                           | A6,H3 | 05 Jul 2004 | 05 Jul 2004     |
| CRC050163 | Mr & Mrs C C & L A Fleming                        | A6,H3 | 16 Jul 2004 | 16 Jul 2004     |
| CRC050293 | Punawai Pastures Limited                          | A5    | 02 Aug 2004 | 02 Aug 2004     |
| CRC050291 | Intersouthern Deer Limited                        | A6,H3 | 03 Aug 2004 | 03 Aug 2004     |
| CRC050331 | Mr & Mrs P A & G J Blain                          | A6,H3 | 03 Aug 2004 | 03 Aug 2004     |
| CRC050375 | Waikari Hills (1989) Limited                      | A6,H3 | 10 Aug 2004 | 10 Aug 2004     |
| CRC050406 | Mr & Mrs C & W R Nordqvist                        | A6,H3 | 12 Aug 2004 | 12 Aug 2004     |
| CRC050473 | Mr & Mrs P G & J A Everest                        | A6,H3 | 20 Aug 2004 | 20 Aug 2004     |
| CRC050911 | Mr A J White                                      | A6,H3 | 30 Sep 2004 | 30 Sep 2004     |
| CRC050987 | Mr & Mrs G J & M K Dickson                        | A6,H3 | 08 Oct 2004 | 08 Oct 2004     |
| CRC050068 | R J & E E Watson Family Trust                     | A6,H3 | 06 Jul 2004 | 15 Oct 2004     |
| CRC051183 | Mr S B Roy  | A6,H3 | 29 Oct 2004 | 29 Oct 2004     |
| CRC041730 | Yollom Farm Limited                               | A6,H3 | 06 Apr 2004 | 01 Nov 2004     |
| CRC051224 | Mr & Mrs V A & C J Donaldson                      | A6,H3 | 04 Nov 2004 | 04 Nov 2004     |
| CRC051356 | Mr & Mrs G A & J K McAndrew                       | A6,H3 | 19 Nov 2004 | 19 Nov 2004     |
| CRC051164 | Mr & Mrs G W B & T M Gallagher                    | A6,H3 | 28 Oct 2004 | 30 Nov 2004     |
| CRC051601 | Forest Park Limited                               | A6,H3 | 10 Dec 2004 | 10 Dec 2004     |
| CRC051603 | Deane Taylor Ashton Limited                       | A6,H3 | 10 Dec 2004 | 10 Dec 2004     |
| CRC051668 | Eskdale Farm Limited                              | A6,H3 | 16 Dec 2004 | 16 Dec 2004     |
| CRC051758 | Mr & Mrs J P & A M McGillen                       | A6,H3 | 22 Dec 2004 | 22 Dec 2004     |
| CRC051809 | Mr B M Gosling                                    | A6,H3 | 24 Dec 2004 | 24 Dec 2004     |
| CRC051054 | Winslow Feeds Limited                             | A6,H3 | 26 Oct 2004 | 10 Feb 2005     |
| CRC051392 | Longbeach Estate Limited                          | A6,H3 | 23 Nov 2004 | 10 Feb 2005     |
| CRC051418 | Messrs P J & C J Hampton                          | A6,H3 | 26 Nov 2004 | 10 Feb 2005     |
| CRC052262 | New Zealand Rural Property Trust Nominees Limited | A6    | 14 Feb 2005 | 14 Feb 2005     |
| CRC052363 | Mr & Mrs S M & K J Clements                       | A6,H3 | 17 Feb 2005 | 17 Feb 2005     |
| CRC051661 | Mr & Mrs P G & D L Lowe                           | A6,H3 | 16 Dec 2004 | 28 Feb 2005     |
| CRC052213 | Mr B F Best & Ms P M Clark                        | A6,H3 | 09 Feb 2005 | 02 Mar 2005     |
| CRC052249 | G Jansen  | A6,H3 | 02 Mar 2005 | 02 Mar 2005     |
| CRC051680 | N J & M J Brooks Limited                          | A6,H3 | 17 Dec 2004 | 03 Mar 2005     |
| CRC052635 | Mr R F Girvan                                     | A6,H3 | 15 Mar 2005 | 15 Mar 2005     |
| CRC052637 | Intersouthern Deer Limited                        | A6,H3 | 15 Mar 2005 | 15 Mar 2005     |
| CRC052470 | Mr & Mrs P J & G P McEwan                         | A6,H3 | 03 Mar 2005 | 11 Apr 2005     |
| CRC051942 | Rushton Farming Company Limited                   | A6,H3 | 11 Apr 2005 | 11 Apr 2005     |
| CRC052963 | Mr & Mrs D J & B J Quigley                        | A6,H3 | 15 Apr 2005 | 15 Apr 2005     |
| CRC051961 | Mr & Mrs L W & D I Molloy                         | A5    | 20 Jan 2005 | 26 Apr 2005     |
| CRC054110 | Tait Partnership Limited                          | A6,H3 | 04 May 2005 | 04 May 2005     |
| CRC052171 | Mr & Mrs K B & R A Townshend                      | A6    | 09 Feb 2005 | 11 May 2005     |
| CRC054174 | Messrs D J & M J Stoddart                         | A6    | 11 May 2005 | 11 May 2005     |
| CRC054361 | The Mounds Limited                                | A6,H3 | 27 May 2005 | 27 May 2005     |
| CRC054364 | Mr F Luxton                                       | A6,H3 | 27 May 2005 | 27 May 2005     |
| CRC054369 | Mr W H Dobbs                                      | A6,H3 | 27 May 2005 | 27 May 2005     |
| CRC054848 | Messrs J R & A J B Stackhouse                     | A6,H3 | 29 Jun 2005 | 29 Jun 2005     |
| CRC054222 | Mr & Mrs J C & A M McCormick                      | A6    | 13 May 2005 | 27 Jul 2005     |

|           |                                 |       |             |             |
|-----------|---------------------------------|-------|-------------|-------------|
| CRC060329 | Mr & Mrs D M & E J Grant        | A6    | 01 Aug 2005 | 01 Aug 2005 |
| CRC060783 | Devonlea Farm Limited           | A6    | 05 Sep 2005 | 05 Sep 2005 |
| CRC061587 | Hackthorne Farms Limited        | A6,H3 | 08 Nov 2005 | 08 Nov 2005 |
| CRC062236 | Des Millar Construction Limited | A6,H2 | 16 Dec 2005 | 27 Jan 2006 |
| CRC063097 | Mr D J Read                     | A6    | 07 Mar 2006 | 07 Mar 2006 |
| CRC063212 | Mr & Mrs M A & S K Etheridge    | A6    | 16 Mar 2006 | 16 Mar 2006 |
| CRC064345 | R F Wilson                      | A6    | 27 Jun 2006 | 27 Jun 2006 |
| CRC070633 | Intersouthern Deer Limited      | A6    | 31 Aug 2006 | 31 Aug 2006 |
| CRC072224 | Yollom Farm Limited             | A6    | 25 Jan 2007 | 25 Jan 2007 |
| CRC072748 | Mr C Gordon & Ms H K Rapsey     | A6    | 12 Mar 2007 | 12 Mar 2007 |

## **Appendix 2A. Ashburton River Groundwater Zone Notification Notices**

17 September 2005, Group 314

**Applicant:** Mr & Mrs D G & C M Williamson

**Address:** c/o Bowden Consultancy Limited, 176A Williams Street, KAIAPOI  
Attn: Mr Grant Mills

**CRC052731** – to take and use groundwater at a maximum rate of 138 litres per second with a volume not exceeding 95,386 cubic metres in any period of eight days from bore L37/1406 (diameter: 300 millimetres, depth: 50 metres) at or about map reference NZMS 260 L37:1190-8812, and from bore L37/1407 (diameter: 300 millimetres, depth: 50 metres) at or about map reference NZMS 260 L37:1201-8768, and from bore L37/1408 (diameter: 300 millimetres, depth: 50 metres) at or about map reference NZMS 260 L37:1204-8739. Water will be used for the spray irrigation of 368 hectares of crops and pasture for grazing beef cattle and sheep at Terrace Road, Wheatstone.

A consent duration of 35 years is sought. This is an application for a new take.

8 October 2005, Group 324

### **Ashburton River Groundwater Zone**

**Applicant:** Roxburgh Farms Ltd

**Address:** C/- Aqualinc Research Limited, PO Box 20-462, Bishopdale,  
CHRISTCHURCH

**CRC052478** - to take and use groundwater at a maximum rate of 121 litres per second, with a volume not exceeding 140,000 cubic metres in any period of 14 consecutive days, from proposed bores K36/0824 (diameter: 300 millimetres, depth 150 metres), at or about map reference NZMS 260 K36:8970-2190, and proposed bore K36/0825 (diameter: 300 millimetres, depth: 150 metres), at or about map reference NZMS 260 K36:9040-2050. Water will be used for the spray irrigation of 200 hectares of crops and pasture at Ashburton Staveley Road, Ashburton.

A consent duration of 35 years is sought. This is an application for a new take.

**Applicant:** Mr & Mrs N C & G M Currie

**Address:** C/- Bowden Consultancy Limited, 176A Williams Street, KAIAPOI

**CRC052609** - to take and use groundwater at a maximum rate of 12 litres per second, with a volume not exceeding 1,037 cubic metres per day from proposed bore K36/0813 (diameter: 800 millimetres, depth: 15 metres) and associated gallery (length: 40 metres), at or about map reference NZMS 260 K36:9063-2254, and at a maximum rate of 60 litres per second, with a volume not exceeding 5,184 cubic metres per day from bore K36/0470 (diameter 1,100 millimetres, depth: 11.18 metres), at or about map reference NZMS 260 K36:9120-2230; with a combined volume not exceeding 49,766 cubic metres in any period of eight consecutive days; or

to take and use groundwater at a maximum rate not exceeding 80 litres per second, with a volume not exceeding 55,296 cubic metres in any period of eight consecutive days from proposed bore K36/0826 (diameter: 300 millimetres, depth: 150 metres), at or about map reference NZMS 260 K36:9068-2257. Water will be used for the spray irrigation of 137 hectares of pasture at Ashburton Staveley Road, Ashburton.

A consent duration of 35 years is sought. This is an application for a new take.

**Applicant:** Mr & Mrs P J & M J Sheate

**Address:** C/- Bowden Consultancy Limited, 176A Williams Street, KAIAPOI

**CRC052214** - to take and use groundwater at a maximum rate of 50 litres per second, with a volume not exceeding 51,840 cubic metres in any period of 12 consecutive days from bore K37/1819 (diameter: 300 millimetres, depth: 95.1 metres) at or about map reference NZMS 260 K37:9898-0736. Water will be used for the spray irrigation of 124 hectares of crops and pasture at 61 Sheates Road, Westerfield.

A consent duration of 35 years is sought. This is an application for a new take.

**Applicant:** Mr & Mrs N S & A J Lowe

**Address:** Ashburton-Steveley Road, R D 1, ASHBURTON

**CRC052032** - to take and use groundwater at a maximum rate of 70 litres per second, with a volume not exceeding 57,960 cubic metres in any period of 10 consecutive days from proposed bore K36/0816 (diameter: 300 millimetres, depth: 140 metres) at or about map reference NZMS 260 K36:9340-1793. Water will be used for the spray irrigation of 117 hectares of arable crops and pasture at Thompson Track, Ashburton.

A consent duration of 35 years is sought. This is an application for a new take.

**Applicant:** G J Cairns Limited

**Address:** C/- Bowden Consultancy Limited, 176A Williams Street, KAIAPOI

**CRC051943** - to take and use groundwater at a maximum rate of 85 litres per second, with a volume not exceeding 36,720 cubic metres in any period of five consecutive days from bore L37/1217 (diameter: 300 millimetres, depth: 39.5 metres) at or about map reference NZMS 260 L37:1819-8910. Water will be used for the spray irrigation of 152 hectares of crops and pasture at Beach Road, Seaview.

A consent duration of 35 years is sought. This is an application for a new take.

**Applicant:** Alford Park Limited

**Address:** C/- Glasson Potts Fowler Limited, PO Box 130875, CHRISTCHURCH

**CRC052786** - to take and use groundwater at a maximum combined rate of 90 litres per second, with a combined volume not exceeding 77,760 cubic metres in any period of ten consecutive days, from proposed bore K36/0827 (diameter: 300 millimetre, depth: 120 metres) at or about map reference NZMS 260 K36:9291-2185, and from proposed bore K36/0828 (diameter: 300 millimetres, depth: 120 metres) at or about map reference NZMS 260 K36:9276-2098. Water will be used for the spray irrigation of 156 hectares of dairy pasture at Ashburton Steveley Road, Ashburton Forks.

A consent duration of 35 years is sought. This is an application for a new take.

**Applicant:** Mr & Mrs R L & G R Briggs

**Address:** C/- Irricon Consultants Limited, PO Box 584, ASHBURTON

**CRC054347** - to take and use groundwater at a maximum rate of 28 litres per second, with a volume not exceeding 27,821 cubic metres in any period of 12 consecutive days from bore K37/2486 (diameter: 300 millimetres, depth: 46.6 metres) at or about map reference NZMS 260 K37:07750-03105. Water will be used for the spray irrigation of 46.5 hectares of crops and pasture at Methven Highway, Ashburton.

A consent duration of 35 years is sought. This application will replace existing consents CRC930920 and CRC042199 which are for 10 litres per second and 11 litres per second respectively.

**Applicant:** Mr & Mrs C M & B A Nordquist

**Address:** C/- Irricon Consultants Limited, PO Box 584, ASHBURTON

**CRC054367** - to take and use groundwater at a maximum rate of 10 litres per second, with a volume not exceeding 5,544 cubic metres in any period of seven consecutive days from bore K37/0757 (diameter: 150 millimetres, depth: 42 metres) at or about map reference NZMS 260 K37:05599-99181. Water will be used for the spray irrigation of 14.4 hectares of crops and pasture, stockwater and domestic supply purposes at Tinwald Westerfield Mayfield Road, Ashburton.

A consent duration of 35 years is sought. This is an application for a new take.

**Applicant:** Lagmhor Limited

**Address:** C/- Irricon Consultants Limited, PO Box 584, ASHBURTON

**CRC054382** – to take and use groundwater at a maximum rate of 65 litres per second, with a volume not exceeding 61,776 cubic metres in any period of 12 consecutive days from proposed bore K37/2497 (diameter: 600 millimetres, depth: 10 metres) and associated gallery (10 metres deep, 1 metre wide, 40 metres long) at or about map reference NZMS 260 K37:0089-0604; and at a maximum rate of 65 litres per second, with a volume not exceeding 61,776 cubic metres in any period of 12 consecutive days from proposed bore K37/2498 (diameter: 300 millimetres, depth: 70 metres) at or about map reference NZMS 260 K37:0063-0616. Water will be used for the spray irrigation of 210 hectares of crops and pasture at Jacksons Road, Ashburton.

A consent duration of 35 years is sought. This is an application for a new take.

**Applicant:** Mr & Mrs LR & HJ Digby

**Address:** C/- Environmental Consultancy Services Limited, P O Box 952, TIMARU

**CRC054454** - to take and use groundwater at a maximum rate of 91 litres per second, with a volume not exceeding 21,300 cubic metres in any period of seven consecutive days from bore L37/1401 (diameter: 300 millimetres, depth: 41 metres) at or about map reference NZMS 260 L37:1759-8868. Water will be used for the spray irrigation of 71 hectares of crops and pasture, at 1214 Beach Road East, Wakanui.

A consent duration of 35 years is sought. This is an application for a new take.

**Applicant:** G A & M A Brown

**Address:** C/- Bowden Consultancy Limited, 176A Williams Street, KAIAPOI

**CRC054610** - to take and use groundwater at a maximum rate of 86 litres per second, with a volume not exceeding 74,300 cubic metres in any period of ten consecutive days, from proposed bore K36/0823 (diameter: 300 millimetres, depth: 130 metres) at or about map reference NZMS 260 K36:9444-1852. Water will be used for the irrigation of 220 hectares of crops and pasture for grazing sheep and beef cattle at Thompson's Track, Ashburton Forks.

A consent duration of 35 years is sought. This is an application for a new take.

**Applicant:** Mr. G and Mrs VA Prendergast – to be withdrawn if CRC022052.2 is granted

**Address:** C/- Irricon Consultants Limited, PO Box 584, ASHBURTON

**CRC054845** - to take and use groundwater at a maximum rate of 7 litres per second, with a volume not exceeding 3,629 cubic metres in any period of six consecutive days from bore K37/2247 (diameter: 150 millimetres, depth: 41.5 metres), at or about map reference NZMS 260 K37:0729-9952. Water will be used for the spray irrigation of 12 hectares of crops and pasture, at Hollands Road, Tinwald.

A consent duration of 35 years is sought. This is an application for a new take.

**Applicant:** Mr & Mrs S A & J A Howden  
**Address:** C/- Bowden Consultancy Limited, 176A Williams Street, KAIAPOI

**CRC060066** - to take and use groundwater at a maximum rate of 50 litres per second, with a volume not exceeding 21,600 cubic metres in any period of five consecutive days, from proposed bore K37/2413 (diameter: 300 millimetres, depth: 70 metres) at or about map reference NZMS 260 K37:0062-0844. Water will be used for the irrigation of 125 hectares for crops and pasture for sheep, beef cattle, and non-milking dairy cows at Fechneys Road, Westerfield.

A consent duration of 35 years is sought. This is an application for a new take.

**Withdrawn 12 December 2006.**

**Applicant:** Mr & Mrs BR Lowe & AJ Crum – to be withdrawn if CRC022052.2 is granted

**Address:** C/- Irricon Consultants Limited, PO Box 584, ASHBURTON

**CRC054379** - to take and use groundwater at a maximum rate of 5.5 litres per second, with a volume not exceeding 5,227 cubic metres in any period of 12 consecutive days from proposed bore K37/2520 (diameter: 200 millimetres, depth: 50 metres) at or about map reference NZMS 260 K37:0632-0022; and at a maximum rate of 5.5 litres per second, with a volume not exceeding 5,227 cubic metres in any period of 12 consecutive days from bore K37/2472 (diameter: 200 millimetres, depth: 42 metres) at or about map reference NZMS 260 K37:0640-0006; and at a maximum rate of 4.6 litres per second, with a volume not exceeding 1,192 cubic metres in any period of three consecutive days from bore K37/1472 (diameter: 300 millimetres, depth: 42 metres) at or about map reference NZMS 260 K37:0589-9935. Water will be used for the spray irrigation of 24 hectares of crops and pasture at Hollands Road and Tinwald-Westerfield-Mayfield Roads, Ashburton.

A consent duration of 35 years is sought. This is an application for a new take.

**Applicant:** Tullymett Farm Limited

**Address:** C/- Irricon Consultants Limited, PO Box 584, ASHBURTON

**CRC054425** - to take and use groundwater at a maximum rate of 65 litres per second, with a volume not exceeding 5,216.5 cubic metres per day from proposed bore K36/0792 (diameter: 300 millimetres, depth: 45 metres), at or about map reference NZMS 260 K36:9906-1000, and at a maximum rate of 65 litres per second, with a volume not exceeding 5,216.5 cubic metres per day from proposed bore K36/1793 (diameter: 400 millimetres, depth: 10 metres), at or about map reference NZMS 260 K36:9905-1001. Water will be used for the spray irrigation of 190 hectares of crops and pasture at Fechneys Road, Ashburton.

A consent duration of 35 years is sought. This is an application for a new activity.

**Applicant:** Mr A J H McNab

**Address:** C/- Irricon Consultants Limited, PO Box 584, ASHBURTON

**CRC052651** - to take and use groundwater at a maximum rate of 46 litres per second, with a volume not exceeding 53,323 cubic metres in any period of 14 consecutive days, from bore L37/1372 (diameter: 300 millimetres, depth: 62.3 metres) at or about map reference NZMS 260 L37:1196-8876. Water will be used for irrigation of 76 hectares of crops and pasture at 617 Stranges Road, Wheatstone.

A consent duration of 35 years is sought. This is an application for a new take.

**Applicant:** Monty Fields Limited – consultant has indicated this is to be withdrawn, withdrawal not received as yet

**Address:** C/- Irricon Consultants Limited, PO Box 584, ASHBURTON

**CRC060292** - to take and use groundwater at a maximum rate of 3.4 litres per second, with an annual volume not exceeding 30,135 cubic metres, from proposed bore K36/0819 (diameter: 150 millimetres, depth: 5 metres) at or about map reference NZMS 260 K36:9399-2834. Water will be used for domestic, stockwater and dairy shed use at Ashburton River Road, Methven.

A consent duration of 35 years is sought. This is an application for a new take.

**Applicant:** **Tauhei Farms Limited**

**Address:** C/- Bowden Consultancy Limited, 176A Williams Street, KAIAPOI

**CRC060067** - to take and use groundwater at a maximum rate of 93 litres per second, with a volume not exceeding 56,246 cubic metres in any period of seven consecutive days, from bore K36/0628 (diameter: 300 millimetres, depth: 131.2 metres) at or about map reference NZMS 260 K36:9524-1843, and at a maximum rate of 93 litres per second, with a volume not exceeding 56,246 cubic metres in any period of seven consecutive days from bore K36/0681 (diameter: 300 millimetres, depth: 120 metres) at or about map reference NZMS 260 K36:9564-1746. Water will be used for the irrigation of 320 hectares of dairy pasture at Ashburton Staveley Road, Ashburton.

A consent duration of 35 years is sought. This is an application for a new take.

**Withdrawn 26 May 2008**

15 October 2005, Group 329

**Applicant:** **Mr A F Brown**

**Address:** C/- Irricon Consultants Limited, PO Box 584, ASHBURTON

**CRC052871** - to take and use groundwater at a maximum rate of eight litres per second, with a volume not exceeding 9,274 cubic metres in any period of 14 consecutive days from bore L37/1264 (diameter: 150 millimetres, depth: 40.3 metres) at or about map reference NZMS 260 L37:1322-9850. Water will be used for the spray irrigation of 12.5 hectares of crops and pasture at 83 Milton Road South, Elgin.

A consent duration of 35 years is sought. This is an application for a new take.

18 February 2006, Group 378

**Applicant:** **Mr & Mrs K M & L M McCosker**

**Address:** c/- Aqualinc Research Limited, PO Box 20 462, Bishopdale, CHRISTCHURCH

Attn: Ms Rachel Rait

**CRC062398** – to take and use groundwater at a maximum rate of 58 litres per second with a volume not exceeding 4,750 cubic metres per day from bore L37/1500 (diameter: 300 millimetres, depth 40 metres), at or about map reference NZMS 260 L37:1562-8926. Water will be used for the spray irrigation of 95 hectares of crops and pasture at Wilson Road, between Seaside Road and Wakanui School Road, Ashburton.

A consent duration of 35 years is sought. This is an application for a new take.

8 April 2006, Group 406

#### **ASHBURTON RIVER GROUNDWATER ZONE**

**Applicant:** **Mr R A Bennett**

**Address:** C/- Irricon Consultants, PO Box 584, ASHBURTON

Attn : Mr Matt Bubb

**CRC061073** - to take and use groundwater at a maximum rate of 100 litres per second, with a volume not exceeding 115,920 cubic metres in any period of 14 consecutive days, and 766,500 cubic metres between 1<sup>st</sup> July and the following 30<sup>th</sup> June, from proposed bore L37/1172 (diameter: 300 millimetres, depth 45 metres), at or about map reference NZMS 260 L37:2036-8845. Water will be used for the spray irrigation of 210 hectares of crops and pasture on Corbetts Road South, between Wrights Road and Valverde Road South, Ashburton.

10 May 2006, Group 421

**Ashburton River Groundwater Zone**

**Applicant:** P F & J A Stoddart

**Address:** C/- Bowden Environmental, 176a Williams Street, Kaiapoi  
Attn: Mr Grant Mills

**CRC062865** - to take and use groundwater at a maximum rate of 26 litres per second with a volume not exceeding 15,725 cubic metres in any period of seven consecutive days from proposed bore K37/2729 (diameter: 300 millimetres, depth 70 metres), at or about map reference NZMS 260 K37:0906-9577. Water will be used for the spray irrigation of 45 hectares of crops and pasture at Grahams Road between Grove Farm and Boundary Roads, Tinwald.

A consent duration of 35 years is sought. This is an application for a new take.

5 July 2006, Group 437

**Ashburton River Groundwater Zone**

**Applicant:** H & M Shearer

**Address:** c/- Bowden Environmental, 176a Williams Street, KAIAPOI  
Attn: Ms S Rickard

**CRC063817** – to take and use groundwater at a maximum rate of 82 litres per second with a volume not exceeding 77,933 cubic metres in any period of eleven consecutive days and not exceeding 629,607 cubic metres between 1 July and the following 30 June from proposed bore K37/2882 (diameter: 300 millimetres, depth 60 metres), at or about map reference NZMS 260 K37:0386-0697. Water will be used for the spray irrigation of 141 hectares of crops and pasture at Blacks Road between Ashburton Staveley Road and Mill Road, Greenstreet, Ashburton.

A consent duration of 35 years is sought. This is an application for a new take.

12 July 2006, Group 447

**Ashburton River Groundwater Zone**

**Applicant:** S B & M J Cross

**Address:** C/- Irricon Consultants, PO Box 584, ASHBURTON  
Attn: Mr G Rae

**CRC060790** - to take and use groundwater at a maximum rate of 71 litres per second with a volume not exceeding 35,273 cubic metres in any period of six consecutive days from bore L37/1430 (diameter: 300 millimetres, depth 90 metres), at or about map reference NZMS 260 L37:1066-9783. Water will be used for the spray irrigation of 111 hectares of crops and pasture at Beach Road East between Milton Road South and Trevors Road, Ashburton.

A consent duration of 35 years is sought. This is an application for a new take.

22 July 2006, Group 452

**ASHBURTON RIVER GROUNDWATER ZONE**

**Applicant:** Ross Tait Limited

**Address:** c/- Bowden Environmental, 176a Williams Street, KAIAPOI  
Attn: Ms S Rickard

**CRC064232** - to take and use groundwater at a maximum rate of 88 litres per second with a volume not exceeding 82,368 cubic metres in any period of 13 consecutive days from proposed bore K37/2908 (diameter: 300 millimetres, depth 80 metres), at or about map reference NZMS 260 K37:0307-0397. Water will be used for the spray irrigation of 121.5 hectares of crops and pasture at Tinwald Westerfield Mayfield Road, between Timaru Track Road and Mill Road, Ashburton.

A consent duration of 35 years is sought. This is an application for a new take.

24 January 2007, Group 511

**Ashburton River Groundwater Zone**

**Applicant:** Stepping Stones (2004) Limited

**Address:** C/- Aqualinc Research Limited, 1 Sir William Pickering Drive, PO Box 20-462,  
Bishopdale, Christchurch 8543 - Attn: Mr M Bubb

**CRC071168** - to take and use groundwater at a maximum rate of 67 litres per second with a volume not exceeding 33,288 cubic metres in any period of six consecutive days from proposed bore K36/0948 (diameter: 300 millimetres, proposed depth 120 metres), at or about map reference NZMS 260 K36:8556-1649. Water will be used for the spray irrigation of 111 hectares of crops and pasture including dairy at Anama Valetta Road, between Anama Cavendish Road and Maronan Valetta Road, Valetta.

A consent duration of 15 years is sought. This is an application for a new take.

## Appendix 2B - Valetta Groundwater Zone Notification Notices

15 August 2005 – Group 299

### **Valetta Groundwater Zone**

**Applicant:** Yollom Farm Limited  
**Address:** C/- Mr Lynton Molloy, RD4 Wheatstone, Ashburton

**CRC041730** - to take and use groundwater at a maximum rate of 66 litres per second, with a volume not exceeding 75,600 cubic metres in any period of 14 consecutive days from bore K37/1881 (diameter: 300 millimetres, depth: 60 metres) at or about map reference NZMS 260 K37:0747-8892. Water will be used for the spray irrigation of 120 hectares of crops and pasture at Fords Road, Flemington. A consent duration of 35 years is sought. This is an application for a new consent.

**Applicant:** Mr and Mrs G P and F M Wilson  
**Address:** C/- Irricon Consultants, PO Box 584, Ashburton  
Attn: Gary Rae

**CRC042248** - to take and use groundwater at a maximum rate of 6 litres per second, with a volume not exceeding 4,320 cubic metres in any period of 10 consecutive days from bore K37/0810 (diameter: 150 millimetres, depth: 9.5 metres) at or about map reference NZMS 260 K37:0869-9397. Water will be used for the spray irrigation of 8.2 hectares of crops and pasture, at 308 Gartartan Road, Huntington. A consent duration of 35 years is sought. This is an application for a new consent.

**Applicant:** Chudleigh Holdings Limited  
**Address:** C/- Bowden Consultancy Limited, 176A Williams Street, Kaiapoi  
Attn: Mr Richard Orlowski

**CRC042814** - to take and use groundwater at a maximum rate of 40 litres per second, with a volume not exceeding 3,456 cubic metres per day from bore K37/1771 (diameter: 300 millimetres, depth: 137.6 metres) at or about map reference NZMS 260 K37:94750-09706. Water will be used for the spray irrigation of 344 hectares of pasture, at the corner of Hackthorne and Frasers Road, Ashburton. A consent duration of 35 years is sought. This is an application for a new consent to be exercised concurrently with CRC031799 and water taken from the Valetta Irrigation Scheme. The maximum combined rate taken from bore K37/1771 under this consent and CRC031799 shall not exceed 85 litres per second.

**Withdrawn 19 October 2006**

**Applicant:** Gregory Partnership  
**Address:** C/- Bowden Consultancy Limited, 176A Williams Street, Kaiapoi  
Attn: Mr Richard Orlowski

**CRC042880** - to take and use groundwater at a maximum rate of 42 litres per second, with a volume not exceeding 25,402 cubic metres in any period of 7 consecutive days from proposed bore K36/0690 (diameter: 300 millimetres, depth: 110 metres) at or about map reference NZMS 260 K36:9461-1350. Water will be used for the spray irrigation of 72 hectares of crops and pasture for finishing and fattening sheep and cattle, at 728 Valetta Westerfield Road, Ashburton. A consent duration of 35 years is sought. This is an application for a new consent.

**Applicant:** Mr and Mrs L P and M M Read

**Address:** C/- Irricon Consultants, PO Box 584, Ashburton  
Attn: Mr Matthew Bubb

**CRC050064** - to take and use groundwater at a maximum rate of 80 litres per second, with a volume not exceeding 79,488 cubic metres in any period of 12 consecutive days from proposed bore K37/2160 (diameter: 300 millimetres, depth: 70 metres) at or about map reference NZMS 260 K37:0123-8484. Water will be used for the spray irrigation of 154 hectares of pasture and crops, at Surveyors Road, Eiffelton. Approval of this application may lead to a reduction in abstraction from surface water drains. A consent duration of 35 years is sought. This is an application for a new consent.

**Applicant:** R J and E E Watson Family Trust  
**Address:** C/- Irricon Consultants, PO Box 584, Ashburton  
Attn: Rob Wayne

**CRC050068** - to take and use groundwater at a maximum rate of 10 litres per second, with a volume not exceeding 9,108 cubic metres in any period of 11 consecutive days from bore K37/2201 (diameter 200 millimetres, depth: 48 metres) at or about map reference NZMS 260 K37:0390-9656. Water will be used for the spray irrigation of 16 hectares of crops and pasture, at Moronan Road, Ashburton. A consent duration of 35 years is sought. This is an application for a new consent.

**Applicant:** Mr and Mrs C C and L A Fleming  
**Address:** C/- Bowden Consultancy Limited, 176A Williams Street, Kaiapoi  
Attn: Mr Richard Orlowski

**CRC050163** - to take and use groundwater at a maximum rate of 34 litres per second, with a volume not exceeding 10,405 cubic metres in any period of 7 consecutive days from proposed bore K37/2226 (diameter: 300 millimetres, depth 70 metres) at or about map reference NZMS 260 K37:0392-8449. Water will be used for the spray irrigation of 54 hectares of crops and pasture, at 88 New Park Road, Eiffelton. A consent duration of 35 years is sought. This is an application for a new consent.

**Applicant:** Intersouthern Deer Limited  
**Address:** C/- Irricon Consultants, PO Box 584, Ashburton  
Attn: Mr Matthew Bubb

**CRC050291** - to take and use groundwater at a maximum rate of 80 litres per second, with a volume not exceeding 66,240 cubic metres in any period of 10 consecutive days from bore K37/1768 (diameter: 300 millimetres, depth: 104 metres) at or about map reference NZMS 260 K37:9481-9721. Water will be used for the spray irrigation of 179 hectares of pasture, at Maronan Road, Maronan. A consent duration of 35 years is sought. This is an application for a new consent.

**Applicant:** Mr and Mrs P A and G J Blain  
**Address:** C/- Bowden Consultancy Limited, 176A Williams Street, Kaiapoi  
Attn: Mr Richard Orlowski

**CRC050331** - to take and use groundwater at a maximum rate of 36 litres per second, with a volume not exceeding 21,773 cubic metres in any period of 7 consecutive days from bore L37/1275 (diameter: 300 millimetres, depth: 52 metres) at or about map reference NZMS 260 L37:1065-8333. Water will be used for the spray irrigation of 103 hectares of crops and pasture, at Grahams Road, Flemington. A consent duration of 35 years is sought. This is an application for a new consent and is to be non-concurrent with surface water take CRC951696.

**Applicant:** Waikari Hills (1989) Limited  
**Address:** C/- Bowden Consultancy Limited, 176A Williams Street, Kaiapoi  
Attn: Mr Richard Orlowski

**CRC050375** - to take and use groundwater at a maximum rate of 100 litres per second, with a volume not exceeding 34,560 cubic metres in any period of 4 consecutive days from proposed bore K37/0577 (diameter: 300 millimetres, depth: 120 metres) at or about map reference NZMS 260 K37:8852-0968. Water will be used for the spray irrigation of 215 hectares of crops and pasture, at Tinwald Westerfield Road, Westerfield. A consent duration of 35 years is sought. This is an application for a new consent.

**Applicant:** Mr J C Low  
**Address:** C/- RJ Hall Civil and Environmental Consultants, PO Box 503, Timaru  
Attn: Mrs Jenny Geddes

**CRC050391** - to take and use groundwater at a maximum rate of 57 litres per second, with a volume not exceeding 75,513 cubic metres in any period of 16 consecutive days from bore K37/2142 (diameter: 300 millimetres, depth: 125.7 metres) at or about map reference NZMS 260 K37:94415-99536. Water will be used for the spray irrigation of 98 hectares of crops and pasture, at Siberia Road, Westerfield. This is an application for an increase of 17 litres per second to CRC001018.1, and as such an expiry date of 11 February 2035 is sought.

**Withdrawn 23 February 2006.**

**Applicant:** Mr and Mrs C and W R Nordqvist  
**Address:** C/- Irricon Consultants, PO Box 584, Ashburton  
Attn: Mr Matthew Bubb

**CRC050406** - to take and use groundwater at a maximum rate of 38 litres per second, with a volume not exceeding 28,314 cubic metres in any period of 9 consecutive days from bore K37/1883 (diameter: 300 millimetres, depth: 107.5 metres) at or about map reference NZMS 260 K37:9533-0347. Water will be used for the spray irrigation of 78 hectares of pasture, at Westerfield Road, Westerfield. A consent duration of 35 years is sought. This is an application for a new consent.

**Applicant:** Mr and Mrs P G and J A Everest  
**Address:** C/- Bowden Consultancy Limited, 176A Williams Street, Kaiapoi  
Attn: Mr Richard Orlowski

**CRC050473** - to take and use groundwater at a maximum rate of 80 litres per second, with a volume not exceeding 6,336 cubic metres per day from bore K37/1746 (diameter: 300 millimetres, depth: 56.03 metres) at or about map reference NZMS 260 K37:0540-8727. Water will be used for the spray irrigation of 128 hectares of crops and pasture, at Fords Road and Bells Road, Flemington. A consent duration of 35 years is sought. This is an application for a new consent.

**Applicant:** Mr A J White  
**Address:** C/- Bowden Consultancy Limited, 176A Williams Street, Kaiapoi  
Attn: Mr Richard Orlowski

**CRC050911** - to take and use groundwater at a maximum rate of 50 litres per second, with a volume not exceeding 27,720 cubic metres in any period of 7 consecutive days from proposed bore K37/2334 (diameter: 250 millimetres, depth: 55 metres) at or about map reference NZMS 260 K37:0163-9300. Water will be used for the spray irrigation of 86

hectares of crops and pasture, at Hinds Highway, Winslow. A consent duration of 35 years is sought. This is an application for a new consent.

**Applicant:** Mr and Mrs M W and C G Hyde  
**Address:** C/- Irricon Consultants, PO Box 584, Ashburton  
Attn: Mr Matthew Bubb

**CRC050926** - to take and use groundwater at a maximum rate of 50 litres per second, with a volume not exceeding 4,140 cubic metres per day from proposed bore K37/2261 (diameter: 300 millimetres, depth: 120 metres) at or about map reference NZMS 260 K37:9151-9080. Water will be used for the spray irrigation of 85 hectares of crops and pasture, at Liddles Road and Fountaines Road, Hinds. A consent duration of 35 years is sought. This is an application for a new consent.

Now within Mayfield Hinds Zone – proceeded to hearing 16 July 2007.

**Applicant:** Mr and Mrs G J and M K Dickson  
**Address:** C/- Bowden Consultancy Limited, 176A Williams Street, Kaiapoi  
Attn: Mr Richard Orlowski

**CRC050987** - to take and use groundwater at a maximum rate of 11.2 litres per second, with a volume not exceeding 6,492 cubic metres in any period of 7 consecutive days from proposed bore K37/2324 (diameter: 200 millimetres, depth: 65 metres) at or about map reference NZMS 260 K37:0235-9918. Water will be used for the spray irrigation of 18.9 hectares of crops and pasture, at Frasers Road and Winslow Westerfield Road, Westerfield. A consent duration of 35 years is sought. This is an application for a new consent.

**Applicant:** Winslow Feeds Limited  
**Address:** C/- Aqualinc Research Limited, PO Box 161, Lincoln, Christchurch  
Attn: Neal Borrie

**CRC051054** - to take and use groundwater at a maximum rate of 10 litres per second, with a volume not exceeding 10,368 cubic metres in any period of 12 consecutive days from bore K37/2303 (diameter: 150 millimetres, depth: 48 metres) at or about map reference NZMS 260 K37:0182-9347. Water will be used for the spray irrigation of 17 hectares of crops and pasture, at Main South Road, Winslow. A consent duration of 35 years is sought. This is an application for a new consent.

**Applicant:** Mr and Mrs R R and C J Perkins  
**Address:** C/- R J Hall Civil and Environmental Consulting Limited, PO Box 503, Timaru  
Attn: Mrs Jenny Geddes

**CRC051077** - to take and use groundwater at a maximum rate of 32 litres per second, with a volume not exceeding 22,118 cubic metres in any period of 10 consecutive days from bore K38/1772 (diameter: 300 millimetres, depth: 10 metres) at or about map reference NZMS 260 K38:9943-7822. Water will be used for the spray irrigation of 52 hectares of crops and dairy pasture, at Trigpole Road, Hinds. A consent duration of 35 years is sought. This is an application for a new consent.

**Withdrawn 5 October 2006.**

**Applicant:** Kohique Farms Limited  
**Address:** C/- Bowden Consultancy Limited, 176A Williams Street, Kaiapoi  
Attn: Mr Richard Orlowski

**CRC051157** - to take and use groundwater at a maximum rate of 22.7 litres per second, with a volume not exceeding 13,729 cubic metres in any period of 7 consecutive days from

proposed bore K37/1421 (diameter: 250 millimetres, depth: 140.6 metres) at or about map reference NZMS 260 K37:9045-9506. Water will be used for the spray irrigation of 40 hectares of pasture, at Lennies Road, Hinds. A consent duration of 35 years is sought. This is an application for a new consent.

Now within Mayfield Hinds Zone – proceeded to hearing 16 July 2007.

**Applicant:** Mr and Mrs G A and J K McAndrew

**Address:** C/- Irricon Consultants, PO Box 584, Ashburton  
Attn: Mr Gary Rae

**CRC051356** - to take and use groundwater at a maximum rate of 34.8 litres per second, with a volume not exceeding 15,785 cubic metres in any period of 7 consecutive days from proposed bore K37/2284 (diameter: 300 millimetres, depth: 50 metres) at or about map reference NZMS 260 K37:0063-9161. Water will be used for the spray irrigation of 41 hectares of pasture, at 96 Chatmos Road, Ashburton. A consent duration of 35 years is sought. This is an application for a new consent.

**Applicant:** Longbeach Estate Limited

**Address:** C/- Bowden Consultancy Limited, 176A Williams Street, Kaiapoi  
Attn: Mr Richard Orlowski

**CRC051392** - to take and use groundwater at a maximum rate of 60 litres per second, with a volume not exceeding 72,576 cubic metres in any period of 14 consecutive days from proposed bore K37/2227 (diameter: 300 millimetres, depth: 60 metres) at or about map reference NZMS 260 K37:0497-8068. Water will be used for the spray irrigation of 189 hectares of crops and pasture, at Longbeach Road, Ashburton. A consent duration of 35 years is sought. This is an application to supplement water taken from the Parakanoi Drain under CRC951894.

**Applicant:** Forest Park Limited

**Address:** C/- Irricon Consultants, PO Box 584, Ashburton  
Attn: Mr Matthew Bubb

**CRC051601** - to take and use groundwater at a maximum rate of 100 litres per second, with a volume not exceeding 91,080 cubic metres in any period of 11 consecutive days from proposed bore K36/0806 (diameter: 300 millimetres, depth: 120 metres) at or about map reference NZMS 260 K36:8798-1407. Water will be used for the spray irrigation of 187 hectares of pasture, at Mayfield Valetta Road, Valetta. A consent duration of 35 years is sought. This is an application for a new consent.

**Applicant:** Deane Taylor Ashton Limited

**Address:** C/- Irricon Consultants, PO Box 584, Ashburton  
Attn: Mr Matthew Bubb

**CRC051603** - to take and use groundwater at a maximum rate of 70 litres per second, with a volume not exceeding 60,984 cubic metres in any period of 11 consecutive days from proposed bore L37/1214 (diameter: 300 millimetres, depth 40 metres) at or about map reference NZMS 260 L37:1053-8437. Water will be used for the spray irrigation of 370 hectares of pasture, at Grahams Road, Ashton. A consent duration of 35 years is sought. This is an application for a new consent.

**Applicant:** Mr and Mrs P G and D L Lowe

**Address:** C/- Irricon Consultants, PO Box 584, Ashburton  
Attn: Mr Matthew Bubb

**CRC051661** - to take and use groundwater at a maximum rate of 82 litres per second, with a volume not exceeding 54,320 cubic metres in any period of 8 consecutive days from proposed bore K37/1752 (diameter: 300 millimetres, depth: 100 metres) at or about map reference NZMS 260 K37:9796-8835. Water will be used for the spray irrigation of 245 hectares of pasture, at Lynnford Road, Hinds. Approval of this application may lead to a reduction in abstraction from the Hinds River and Taylors Drain. A consent duration of 35 years is sought. This is an application for a new consent to supplement existing consents CRC950054, CRC951619 and CRC951621.

**Applicant:** Eskdale Farm Limited  
**Address:** C/- Irricon Consultants, PO Box 584, Ashburton  
Attn: Mr Matthew Bubb

**CRC051668** - to take and use groundwater at a maximum rate of 78 litres per second, with a volume not exceeding 107,827 cubic metres in any period of 16 consecutive days from proposed bore K37/2282 (diameter: 300 millimetres, depth: 65 metres) at or about map reference NZMS 260 K37:0516-8132. Water will be used for the spray irrigation of 153 hectares of crops and pasture, at Poplar Road, Eiffelton. Approval of this application will lead to a reduction in abstraction from the Parakanoi Drain. A consent duration of 35 years is sought. This is an application for a new consent.

**Applicant:** N J and M J Brooks Limited  
**Address:** C/- Irricon Consultants, PO Box 584, Ashburton  
Attn: Mr Matthew Bubb

**CRC051680** - to take and use groundwater at a maximum rate of 66 litres per second, with a volume not exceeding 57,020 cubic metres in any period of 10 consecutive days from proposed bore K37/1434 (diameter: 300 millimetres, depth: 100 metres) at or about map reference NZMS 260 K37:9409-9656. Water will be used for the spray irrigation of 120 hectares of crops and pasture, at Barford Road, Maronan. A consent duration of 35 years is sought. This is an application for a new consent.

**Applicant:** Mr and Mrs J P and A M McGillen  
**Address:** C/- Irricon Consultants, PO Box 584, Ashburton  
Attn: Mr Gary Rae

**CRC051758** - to take and use groundwater at a maximum rate of 24 litres per second, with a volume not exceeding 6,048 cubic metres in any period of 7 consecutive days from bore K37/2150 (diameter: 200 millimetres, depth: 60 metres) at or about map reference NZMS 260 K37:0065-9213. Water will be used for the spray irrigation of 16 hectares of crops and pasture, at 35 Chatmos Road, Ashburton. A consent duration of 35 years is sought. This is an application for a new consent.

**Applicant:** Rushton Farming Company Limited  
**Address:** C/- Bowden Consultancy Limited, 176A Williams Street, Kaiapoi  
Attn: Mr Richard Orlowski

**CRC051942** - to take and use groundwater at a maximum rate of 60 litres per second, with a volume not exceeding 5,184 cubic metres per day from proposed bore K36/0814 (diameter: 300 millimetres, depth: 40 metres) at or about map reference NZMS 260 K36:7987-1512. Water will be used for the spray irrigation of 105.7 hectares of crops and pasture, at 102 Heenans Road, Mayfield. A consent duration of 35 years is sought. This is an application for a new consent.

**Applicant:** Mr and Mrs K B and R A Townshend

**Address:** C/- Bowden Consultancy Limited, 176A Williams Street, Kaiapoi  
Attn: Mr Richard Orlowski

**CRC052171** - to take and use groundwater at a maximum rate of 45 litres per second, with a volume not exceeding 44,712 cubic metres in any period of 12 consecutive days from bore K37/1882 (diameter: 300 millimetres, depth: 68.8 metres) at or about map reference NZMS 260 K37:0188-8007 and from bore K38/1710 (diameter: 300 millimetres, depth: 87.25 metres) at or about map reference NZMS 260 K38:0241-7980. Water will be used for the spray irrigation of 293 hectares of dairy and heifer grazing pasture, at 361 Poplar Road, Eiffelton. A consent duration of 35 years is sought. This is an application for a new consent on the same area as CRC030896.

**Applicant:** **Mr and Mrs B F and P M Best**  
**Address:** C/- Hydro-Services Limited, PO Box 3132, Christchurch  
Attn: Dr Anthony Davoren

**CRC052213** - to take and use groundwater at a maximum rate of 6.5 litres per second, with a volume not exceeding 1,686 cubic metres in any period of 3 consecutive days from bore K37/2347 (diameter: 150 millimetres, depth: 60 metres) at or about map reference NZMS 260 K37:0553-9720. Water will be used for the spray irrigation of 10 hectares of pasture, at 100 Maronan Road, Tinwald. A consent duration of 35 years is sought. This is an application for a new consent.

**Applicant:** **Gaby Jansen**  
**Address:** C/- Irricon Consultants, PO Box 584, Ashburton  
Attn: Mr Matthew Bubb

**CRC052249** - to take and use groundwater at a maximum rate of 48 litres per second, with a volume not exceeding 55,640 cubic metres in any period of 14 consecutive days from proposed bore K37/2434 (diameter: 300 millimetres, depth: 100 metres) at or about map reference NZMS 260 K37:9320-9688. Water will be used for the spray irrigation of 80 hectares of crops and pasture, at Swamp Road, Maronan. A consent duration of 35 years is sought. This is an application for a new consent.

**Applicant:** **Mr and Mrs S M and K J Clements**  
**Address:** C/- Irricon Consultants, PO Box 584, Ashburton  
Attn: Mr Matthew Bubb

**CRC052363** - to take and use groundwater at a maximum rate of 5 litres per second, with a volume not exceeding 4,752 cubic metres in any period of 12 consecutive days from bore K37/2187 (diameter: 150 millimetres, depth: 51 metres) at or about map reference NZMS 260 K37:04388-95289. Water will be used for the spray irrigation of 8 hectares of pasture with some intensive small seed crops, at 54 Longbeach Road, Ashburton. A consent duration of 35 years is sought. This is an application for a new consent.

**Applicant:** **Mr and Mrs P J and G P McEwan**  
**Address:** C/- Aqualinc Research Limited, PO Box 161, Lincoln, Christchurch  
Attn: Mr Ian Lloyd

**CRC052470** - to take and use groundwater at a maximum rate of 47 litres per second, with a volume not exceeding 3,900 cubic metres per day from bore K37/1763 (diameter: 300 millimetres, depth: 48 metres) at or about map reference NZMS 260 K37:01858-94850. Water will be used for the spray irrigation of 78 hectares of crops and pasture, at Winslow Westerfield Road, Winslow. A consent duration of 35 years is sought. This consent will replace CRC962082.1, which authorises the abstraction of up to 1,529 cubic metres per day.

**Applicant:** Mr and Mrs D J and B J Quigley  
**Address:** C/- Bowden Consultancy Limited, 176A Williams Street, Kaiapoi  
Attn: Mr Richard Orlowski

**CRC052963** - to take and use groundwater at a maximum rate of 45 litres per second, with a volume not exceeding 27,216 cubic metres in any period of 7 consecutive days from bore K36/0634 (diameter: 300 millimetres, depth: 47.9 metres) at or about map reference NZMS 260 K36:9225-1130. Water will be used for the spray irrigation of 99.3 hectares of crops and pasture, at 1444 Maronan Valetta Road, Westerfield. A consent duration of 35 years is sought. This is an application for a new consent.

**Applicant:** Grantham Farming Limited  
**Address:** C/- R J Hall Civil and Environmental Consulting Limited, PO Box 503, Timaru  
Attn: Mrs Jenny Geddes

**CRC054058** - to take and use groundwater at a maximum rate of 42 litres per second, with a volume not exceeding 41,731 cubic metres in any period of 12 consecutive days from proposed bore K37/2474 (diameter: 300 millimetres, depth: 60 metres) at or about map reference NZMS 260 K37:0059-8211. Water will be used for the spray irrigation of 377 hectares of crops and pasture, at Poplar Road, Eiffelton. A consent duration of 35 years is sought. This is an increase to CRC990276.2 and a replacement to surface water takes: CRC012026.1 and CRC960170.1, which are proposed to be surrendered in the event of this application being granted.

**Withdrawn 17 February 2006.**

**Applicant:** Tait Partnership Limited  
**Address:** C/- Bowden Consultancy Limited, 176A Williams Street, Kaiapoi  
Attn: Grant Mills

**CRC054110** - to take and use groundwater at a maximum rate of 70 litres per second, with a volume not exceeding 72,576 cubic metres in any period of 12 consecutive days from bore K37/1506 (diameter: 300 millimetres, depth: 58.55 metres) at or about map reference NZMS 260 K37:0112-0435. Water will be used for the spray irrigation of 129.4 hectares of crops and pasture, at 817 Tinwald Westerfield Mayfield Road, Lagmhor. A consent duration of 35 years is sought. This is an application for a new consent.

**Applicant:** Mr and Mrs J C and A M McCormick  
**Address:** C/- Bowden Consultancy Limited, 176A Williams Street, Kaiapoi  
Attn: Mr Richard Orlowski

**CRC054222** - to take and use groundwater at a maximum rate of 11.5 litres per second, with a volume not exceeding 6,665 cubic metres in any period of 7 consecutive days from bore K37/1806 (diameter: 250 millimetres, depth: 55.9 metres) at or about map reference NZMS 260 K37:0683-9609. Water will be used for the spray irrigation of 20 hectares of crops and pasture, at Fords Road, Tinwald. A consent duration of 35 years is sought. This is an application for a new consent.

**Applicant:** Mr W H Dobbs  
**Address:** C/- Irricon Consultants, PO Box 584, Ashburton  
Attn: Mr Gary Rae

**CRC054369** - to take and use groundwater at a maximum rate of 73 litres per second, with a volume not exceeding 40,471 cubic metres in any period of 7 consecutive days from bore K37/1606 (diameter: 300 millimetres, depth: 104.5 metres) at or about map reference NZMS

260 K37:9515-9697. Water will be used for the spray irrigation of 106 hectares of crops and pasture, at Maronan Road, Ashburton. A consent duration of 35 years is sought. This is an application for a new consent.

**Applicant:** McCormick Transport Limited  
**Address:** C/- Irricon Consultants, PO Box 584, Ashburton  
Attn: Mr Gary Rae

**CRC054373** - to take and use groundwater at a maximum rate of 5 litres per second, with a volume not exceeding 400 cubic metres in any period of 7 consecutive days from bore K37/2176 (diameter: 150 millimetres, depth: 60 metres) at or about map reference NZMS 260 K37:0601-9710. Water will be used for washdown water for the operation of a stock truck facility, and for the spray irrigation of 6 hectares of crops, at Maronan Road, Tinwald. A consent duration of 35 years is sought. This is an application for a new consent.

**Withdrawn 13 April 2006.**

**Applicant:** Mr D J Williams  
**Address:** C/- Aqualinc Research, PO Box 161, Lincoln, Christchurch  
Attn: Mr Ian Lloyd

**CRC962082.2** - to take and use groundwater at a maximum rate of 35 litres per second, with a volume not exceeding 40,600 cubic metres in any period of 14 consecutive days from bore K37/1763 (diameter: 300 millimetres, depth: 48 metres) at or about map reference NZMS 260 K37:01858-94850. Water will be used for the spray irrigation of 77 hectares of crops and pasture, at 99 Winslow Westerfield Road, Winslow. This is an application to change the conditions of existing consent CRC962082.1 and as such the expiry date will be 26 June 2031. This application has been superceded by application CRC052470 which covers irrigation of the same property, and is only included to maintain priority in the queue.

**Withdrawn 1 August 2007**

**Applicant:** Mr & Mrs P M & B A Walls  
**Address:** C/- Bowden Consultancy Limited, 176A Williams Street, Kaiapoi  
Attn: Mr Richard Orlowski

**CRC054180** - to take and use groundwater at a maximum rate of 90 litres per second, with a volume not exceeding 59,616 cubic metres in any period of 16 consecutive days from bore K37/0774 (diameter: 300 millimetres, depth: 71 metres) at or about map reference NZMS 260 K37:02356-02353, and from proposed bore K37/2345 (diameter: 300 millimetres, depth: 70 metres) at or about map reference NZMS 260 K37:0190-0291. Water will be used for the spray irrigation of 148 hectares of heifer and lamb grazing pasture, seed and feed crops at Timaru Track Road, Ashburton. A consent duration of 35 years is sought. This is an application for an increase to CRC990154.

**Withdrawn 26 July 2007**

**Applicant:** Mr & Mrs S W & P M Waddell  
**Address:** C/- Irricon Consultants, PO Box 584, Ashburton  
Attn: Mr Gary Rae

**CRC054381** - to take and use groundwater at a maximum rate of 130 litres per second, with a volume not exceeding 96,876 cubic metres in any period of 9 consecutive days from proposed bore K36/0838 (diameter: 300 millimetres, depth: 120 metres) at or about map reference NZMS 260 K36:8843-1140. Water will be used for the spray irrigation of 369 hectares of crops and pasture at Wallace Road, Mayfield. A consent duration of 35 years is sought. This is an application for a new consent.

**Withdrawn 28 November 2006.**

**Applicant:** Messrs J R & A J B Stackhouse  
**Address:** C/- Irricon Consultants, PO Box 584, Ashburton  
Attn: Mr Rob Wayne

**CRC054848** - to take and use groundwater at a maximum rate of 29 litres per second, with a volume not exceeding 24,012 cubic metres in any period of 10 consecutive days from proposed bore K37/2443 (diameter: 300 millimetres, depth: 60 metres) at or about map reference NZMS 260 K37:0159-9587. Water will be used for the spray irrigation of 47 hectares of crops and pasture at Westerfield Winslow Road, Winslow. A consent duration of 35 years is sought. This is an application for a new consent.

**Applicant:** Mr and Mrs J C and R L White  
**Address:** C/- Bowden Consultancy Limited, 176A Williams Street, Kaiapoi  
Attn: Mr Richard Orlowski

**CRC050053** - to take and use groundwater at a maximum rate of 70 litres per second, with a volume not exceeding 66,528 cubic metres in any period of 12 consecutive days from bore K37/1478 (diameter: 300 millimetres, depth: 8 metres) at or about map reference NZMS 260 K37:0677-8628, and from bore K37/2137 (diameter: 250 millimetres, depth: 86.3 metres) at or about map reference NZMS 260 K37:06340-85682. Water will be used for the spray irrigation of 169 hectares of crops and pasture, at Bells Road and Half Chain Road, Eiffelton. A consent duration of 35 years is sought. This is an application for an increase to CRC021143.

**Withdrawn 30 November 2006.**

**Applicant:** Punawai Pastures Limited  
**Address:** C/- Irricon Consultants, PO Box 584, Ashburton  
Attn: Mr Matthew Bubb

**CRC050293** - to take and use groundwater at a maximum rate of 195 litres per second, with a volume not exceeding 117,936 cubic metres in any period of 7 consecutive days from bore K36/0654 (diameter: 300 millimetres, depth: 100.4 metres) at or about map reference NZMS 260 K36:91010-13771, and from proposed bore K36/0671 (diameter: 300 millimetres, depth: 110 metres) at or about map reference NZMS 260 K36:9190-1344, and from proposed bore K36/0778 (diameter: 300 millimetres, depth: 100 metres) at or about map reference NZMS 260 K36:90594-13333. Water will be used for the spray irrigation of 348 hectares of crops and pasture, at Maronan Valetta Road, PUNAWAI. A consent duration of 35 years is sought. This is an application for a new consent.

**Applicant:** Mr and Mrs R J and L Cooke  
**Address:** C/- Bowden Consultancy Limited, 176A Williams Street, Kaiapoi  
Attn: Mr Richard Orlowski

**CRC050859** - to take and use groundwater at a maximum rate of 23 litres per second, with a volume not exceeding 15,898 cubic metres in any period of 8 consecutive days from proposed bore K37/1554 (diameter: 300 millimetres, depth: 10 metres) at or about map reference NZMS 260 K37:9616-9292, and from proposed bore K37/2336 (diameter: 300 millimetres, depth: 20 metres) at or about map reference NZMS 260 K37:9614-9263. Water will be used for the spray irrigation of 41 hectares of pasture and feed crops for cattle fodder, at 614 Winslow Road, Windermere. A consent duration of 35 years is sought. This is an application for a new consent.

**Withdrawn 2 November 2006.**

**Applicant:** Mr and Mrs G W B and T M Gallagher

**Address:** C/- R J Hall Civil and Environmental Consulting Limited, PO Box 503, Timaru  
Attn: Mrs Jenny Geddes

**CRC051164** - to take and use groundwater at a maximum rate of 5 litres per second, with a volume not exceeding 3,024 cubic metres in any period of 7 consecutive days from bore K36/0320 (diameter: 200 millimetres, depth: 8.5 metres) at or about map reference NZMS 260 K36:8611-1604; and to take and use groundwater at a maximum rate of 100 litres per second, with a volume not exceeding 60,480 cubic metres in any period of 7 consecutive days from proposed bore K36/0804 (diameter: 300 millimetres, depth: 40 metres) at or about map reference NZMS 260 K36:8631-1594. Water will be used for the spray irrigation of 200 hectares of pasture, at Anama Valetta Road, Mayfield. A consent duration of 35 years is sought. This is an application for a new consent.

**Applicant:** **Mr S B Roy**  
**Address:** C/- Aqualinc Research Limited, PO Box 161, Lincoln, Christchurch  
Attn: Mr Ian McIndoe

**CRC051183** - to take and use groundwater at a maximum rate of 208 litres per second, with a volume not exceeding 17,971 cubic metres per day from bore K36/0781 (diameter: 300 millimetres, depth: 116.3 metres) at or about map reference NZMS 260 K36:8600-1255 and from proposed bore K36/0782 (diameter: 300 millimetres, depth: 106 metres) or about map reference NZMS 260 K36:8652-1315 and from proposed bore K36/0783 (diameter: 300 millimetres, depth: 106 metres) at or about map reference NZMS 260 K36:8829-1457. Water will be used for the spray irrigation of 360 hectares of crops and pasture, at Mayfield Valetta Road, Mayfield. A consent duration of 35 years is sought. This is an application for a new consent.

**Applicant:** **Messrs P J and C J Hampton**  
**Address:** C/- Aqualinc Research Limited, PO Box 161, Lincoln, Christchurch  
Attn: Mr Ian McIndoe

**CRC051418** - to take and use groundwater at a maximum rate of 90 litres per second, with a volume not exceeding 93,312 cubic metres in any period of 12 consecutive days from bore K37/0623 (diameter: 300 millimetres, depth: 47.2 metres) at or about map reference NZMS 260 K37:0840-8125, and from bore K37/2078 (diameter: 300 millimetres, depth: 48.9 metres) at or about map reference NZMS 260 K37:0843-8126 and from proposed bore K37/2079 (diameter: 300 millimetres, depth: 51 metres) at or about map reference NZMS 260 K37:0854-8103. Water will be used for the spray irrigation of 345 hectares of crops and pasture, at Lower Beach Road, Waterton. A consent duration of 35 years is sought. This is an application for a new consent.

**Applicant:** **Mr B M Gosling**  
**Address:** C/- Irricon Consultants, PO Box 584, Ashburton  
Attn: Mr Matthew Bubb

**CRC051809** - to take and use groundwater at a maximum rate of 85 litres per second, with a volume not exceeding 49,226 cubic metres in any period of 7 consecutive days from proposed bore K37/1581 (diameter: 300 millimetres, depth: 80 metres) at or about map reference NZMS 260 K37:9539-0208, and from bore K37/1582 (diameter: 300 millimetres, depth: 69 metres) at or about map reference NZMS 260 K37:9539-0214. Water will be used for the spray irrigation of 140 hectares of crops and pasture, at 694 Timaru Track Road, Lagmhor. A consent duration of 35 years is sought. This is an application for a new consent.

**Applicant:** **Mr and Mrs L W and D I Molloy**  
**Address:** C/- Bowden Consultancy Limited, 176A Williams Street, Kaiapoi

Attn: Mr Richard Orlowski

**CRC051961** - to take and use groundwater at a maximum rate of 122 litres per second, with a volume not exceeding 10,317 cubic metres day from bore K37/0051 (diameter: 250 millimetres, depth: 48.46 metres) at or about map reference NZMS 260 K37:09906-87437, and from bore K37/2163 (diameter: 300 millimetres, depth: 59 metres) at or about map reference NZMS 260 K37:0934-8771. Water will be used for the spray irrigation of 179.5 hectares of dry stock grazing pasture and feed/cash crops, at Wheatstone Rd, Wheatstone. This is an increase to CRC001050, and as such the expiry date will be 30 May 2034.

**Applicant:** New Zealand Rural Property Trust Nominees Limited  
**Address:** C/- Irricon Consultants, PO Box 584, Ashburton  
Attn: Mr Matthew Bubb

**CRC052262** - to take and use groundwater at a maximum rate of 195 litres per second, with a volume not exceeding 202,176 cubic metres in any period of 12 consecutive days from bore K37/0024 (diameter: 250 millimetres, depth: 60.96 metres) at or about map reference NZMS 260 K37:05961-84055, and from bore K37/0046 (diameter: 300 millimetres, depth: 62 metres) at or about map reference NZMS 260 K37:06629-84363, and from bore K37/0330 (diameter: 300 millimetres, depth: 60.96 metres) at or about map reference NZMS 260 K37:05447-83637. Water will be used for the spray irrigation of 380 hectares of pasture for dairy production, at Dawsons Road, Eiffelton. A consent duration of 35 years is sought. This will replace existing consents CRC961606 and CRC012024 for a combined rate of abstraction of 147 litres per second from both groundwater and surface water. Approval of this application will lead to a reduction in surface water abstraction from the Parakanoi Drain.

**Applicant:** Mr R F Girvan  
**Address:** C/- Irricon Consultants, PO Box 584, Ashburton  
Attn: Mr Matthew Bubb

**CRC052635** - to take and use groundwater at a maximum rate of 100 litres per second, with a volume not exceeding 82,800 cubic metres in any period of 10 consecutive days from proposed bore K37/2425 (diameter: 300 millimetres, depth: 120 metres) at or about map reference NZMS 260 K37:8623-0700, and from proposed bore K37/2426 (diameter: 300 millimetres, depth: 120 metres) at or about map reference NZMS 260 K37:8659-0635. Water will be used predominantly for the spray irrigation of 168 hectares of pasture, at Barford Road, Mayfield. A consent duration of 35 years is sought. This may replace CRC001811, which permits groundwater abstraction at 46.6 litres per second.

**Applicant:** Intersouthern Deer Limited  
**Address:** C/- Irricon Consultants, PO Box 584, Ashburton  
Attn: Mr Matthew Bubb

**CRC052637** - to take and use groundwater at a maximum rate of 96 litres per second, with a volume not exceeding 55,636 cubic metres in any period of 7 consecutive days from proposed bore K37/2423 (diameter: 300 millimetres, depth: 120 metres) at or about map reference NZMS 260 K37:8644-0928, and from proposed bore K37/2424 (diameter: 300 millimetres, depth: 120 metres) at or about map reference NZMS 260 K37:8563-0884. Water will be used predominantly for the spray irrigation of 159 hectares of pasture, at Tanks Road, Mayfield. A consent duration of 35 years is sought. This is an application for a new consent.

**Applicant:** Messrs D J and M J Stoddart  
**Address:** C/- Bowden Consultancy Limited, 176A Williams Street, Kaiapoi  
Attn: Mr Richard Orlowski

**CRC054174** - to take and use groundwater at a maximum rate of 150 litres per second, with a volume not exceeding 181,440 cubic metres in any period of 14 consecutive days from proposed bore K37/2305 (diameter: 300 millimetres, depth: 40 metres) at or about map reference NZMS 260 K37:0632-9131, and from proposed bore K37/2397 (diameter: 300 millimetres, depth: 40 metres) at or about map reference NZMS 260 K37:0669-9033 and from proposed bore K37/2477 (diameter: 300 millimetres, depth: 40 metres) at or about map reference NZMS 260 K37:0632-9131. Water will be used for the irrigation of 397 hectares of crops and pasture, at Chatmos Road and Ford Road, Ashburton. A consent duration of 35 years is sought. This is an application for a new consent.

**Applicant:** Mr J Tait  
**Address:** C/- Bowden Consultancy Limited, 176A Williams Street, Kaiapoi  
Attn: Mr Richard Orlowski

**CRC054299** - to take and use groundwater at a maximum rate of 108 litres per second, with a volume not exceeding 65,318 cubic metres in any period of 7 consecutive days from proposed bore K37/2482 (diameter: 300 millimetres, depth: 60 metres) at or about map reference NZMS 260 K37:8482-0664, and from proposed bore K37/2483 (diameter: 300 millimetres, depth: 60 metres) at or about map reference NZMS 260 K37:8543-0599. Water will be used for the spray irrigation of 182 hectares of crops and pasture, at Oakleys and Moorehouse Roads, Mayfield. A consent duration of 35 years is sought. This is an application for a new consent.

Now within Mayfield Hinds Zone – proceeded to hearing 16 July 2007.

**Applicant:** The Mounds Limited  
**Address:** C/- Irricon Consultants, PO Box 584, Ashburton  
Attn: Mr Matthew Bubb

**CRC054361** - to take and use groundwater at a maximum rate of 130 litres per second, with a volume not exceeding 96,876 cubic metres in any period of 9 consecutive days from proposed bore K37/2450 (diameter: 300 millimetres, depth: 120 metres) at or about map reference NZMS 260 K37:8732-0979, and from proposed bore K37/2451 (diameter: 300 millimetres, depth: 120 metres) at or about map reference NZMS 260 K37:8744-0896. Water will be used for the spray irrigation of 215 hectares of pasture, at Tanks Road, Mayfield. A consent duration of 35 years is sought. This is an application for a new consent.

**Applicant:** Mr F Luxton  
**Address:** C/- Irricon Consultants, PO Box 584, Ashburton  
Attn: Mr Matthew Bubb

**CRC054364** - to take and use groundwater at a maximum rate of 94 litres per second, with a volume not exceeding 54,481 cubic metres in any period of 7 consecutive days from proposed bore K37/2452 (diameter: 300 millimetres, depth: 120 metres) at or about map reference NZMS 260 K37:8770-0800, and from proposed bore K37/2453 (diameter: 300 millimetres, depth: 120 metres) at or about map reference NZMS 260 K37:8842-0837. Water will be used for the spray irrigation of 155 hectares of pasture, at Orchards Road, Mayfield. A consent duration of 35 years is sought. This is an application for a new consent.

**Applicant:** Mr & Mrs N R & A J Chalmers  
**Address:** C/- Aqualinc Research Limited, PO Box 161, Lincoln, Christchurch  
Attn: Mr Ian Lloyd

**CRC050495** - to take and use up to 12,800 cubic metres of groundwater, at a maximum combined rate of 155 litres per second, from bores L37/1209, (diameter: 300 millimetres, depth: 43.1 metres, at or about map reference NZMS 260 L37:1226-8264) L37/1245,

(diameter: 300 millimetres, depth: 40.4 metres, at or about map reference NZMS 260 L37:1021-8184), L37/1246 (diameter: 300 millimetres, depth: 36.7 metres, at or about map reference NZMS 260 L37:1137-8267). Water will be used for the spray irrigation of 274 hectares of crops and pasture, in the vicinity of Lower Beach Road, Waterton. A consent duration of 35 years is sought. While this is an application for a new groundwater take it represents the continued irrigation of land that is currently irrigated via a combination of existing groundwater and surface water consents.

Declined 19 March 2007.

## 2 September 2005 Group 309

### **Valetta Groundwater Zone**

**Applicant:** Mr & Mrs D M & E J Grant

**Address:** C/- Irricon Consultants, PO Box 584, Ashburton - Attn: Mr Gary Rae

**CRC060329** - to take and use groundwater at a maximum rate of 42 litres per second, with a volume not exceeding 33,264 cubic metres in any period of 10 consecutive days from bore L37/0907 (diameter: 300 millimetres, depth: 37.2 metres) at or about map reference NZMS 260 L37:1072-8429. Water will be used for the spray irrigation of 60 hectares of crops and pasture at Stranges Road, Ashburton.

A consent duration of 35 years is sought. This is an application for a new consent.

## 12 September 2005, Group 313

**This is a re-notification to correct the previous notices of Monday 15<sup>th</sup> August 2005.**

### **VALETTA GROUNDWATER ZONE APPLICATIONS**

**Applicant:** Mr and Mrs K B and R A Townshend

**Address:** C/- Bowden Consultancy Limited, 176A Williams Street, Kaiapoi  
Attn: Mr Richard Orłowski

**CRC052171** - to take and use groundwater at a maximum rate of 90 litres per second, with a volume not exceeding 89,424 cubic metres in any period of 12 consecutive days from bore K37/1882 (diameter: 300 millimetres, depth: 68.8 metres) at or about map reference NZMS 260 K37:0188-8007 and from bore K38/1710 (diameter: 300 millimetres, depth: 87.25 metres) at or about map reference NZMS 260 K38:0241-7980. Water will be used for the spray irrigation of 293 hectares of dairy and heifer grazing pasture, at 361 Poplar Road, Eiffelton.

A consent duration of 35 years is sought. This is an application for a new consent on the same area as CRC030896.

**Applicant:** Mr & Mrs P M & B A Walls

**Address:** C/- Bowden Consultancy Limited, 176A Williams Street, Kaiapoi  
Attn: Mr Richard Orłowski

**CRC054180** - to take and use groundwater at a maximum rate of 45 litres per second, with a volume not exceeding 59,616 cubic metres in any period of 16 consecutive days from proposed bore K37/2345 (diameter: 300 millimetres, depth: 70 metres) at or about map reference NZMS 260 K37:0190-0291. Water will be used for the spray irrigation of 148 hectares of heifer and lamb grazing pasture, seed and feed crops at Timaru Track Road, Ashburton.

A consent duration of 35 years is sought. This is an application for a new consent.

**Withdrawn 26 July 2007.**

**Applicant:** Waikari Hills (1989) Limited  
**Address:** C/- Bowden Consultancy Limited, 176A Williams Street, Kaiapoi  
Attn: Mr Richard Orlowski

**CRC050375** - to take and use groundwater at a maximum rate of 100 litres per second, with a volume not exceeding 34,560 cubic metres in any period of 4 consecutive days from proposed bore K37/1828 (diameter: 300 millimetres, depth: 120 metres) at or about map reference NZMS 260 K37:8852-0968. Water will be used for the spray irrigation of 215 hectares of crops and pasture, at Tinwald Westerfield Road, Westerfield.  
A consent duration of 35 years is sought. This is an application for a new consent.

28 January 2006, Group 366

**Applicant:** Mr P A Rooney & Mrs D J Rooney Stilgoe  
**Address:** C/- Irricon Consultants, PO Box 584, Ashburton  
Attn: Mr Gary Rae

**CRC060505** – to take and use groundwater at a maximum rate of 5 litres per second with a volume not exceeding 3,726 cubic metres in any period of nine consecutive days, from bore K37/0485 (diameter: 150 millimetres, depth 10 metres), at or about map reference NZMS 260 K37:0785-9445. Water will be used for the spray irrigation of 8 hectares of crops and pasture at 46 O'Keefe Road, R D 4, Tinwald, Ashburton.  
A consent duration of 35 years is sought. This is an application for a new take.

**Withdrawn 1 June 2007.**

4 March 2006, Group 382

**VALETTA GROUNDWATER ZONE**

**Applicant:** Des Millar Construction Limited  
**Address:** c/- Bowden Consultancy Limited, 176A Williams Street, KAIAPOI  
Attn: Sarah Rickard

**CRC062236** - to take and use groundwater at a maximum rate of 9.5 litres per second with a volume not exceeding 6,156 cubic metres in any period of nine days from proposed bore K37/2579 (diameter: 150 millimetres, depth 72.3 metres), at or about map reference NZMS 260 K37:0674-9656. Water will be used for the spray irrigation of 13.6 hectares of crops and pasture for beef and sheep finishing at Fords Road, Ashburton.  
A consent duration of 35 years is sought. This is an application for a new take.

11 March 2006, Group 388

**VALETTA GROUNDWATER ZONE**

**Applicant:** Devonlea Farm Limited  
**Address:** c/- Irricon Consultants, PO Box 584, ASHBURTON  
Attn: Dr Anthony Taylor

**CRC060783** - to take and use groundwater at a maximum combined rate of 139 litres per second with a volume not exceeding 94,607 cubic metres in any period of eight consecutive days, from proposed bore K36/0845 (diameter: 300 millimetres, depth: 120 metres), at or about map reference NZMS 260 K36:8358-1258, and from proposed bore K36/0846

(diameter: 300 millimetres, depth: 120 metres) at or about map reference NZMS 260 K36:8413-1160, and from proposed bore K36/0847 (diameter: 300 millimetres, depth: 120 metres), at or about map reference NZMS 260 K36:8458-1109. Water will be used for the spray irrigation of 233 hectares for crops and pasture on Arundel-Rakaia Gorge Road between Anama Station Road and Millers Road, Mayfield.

A consent duration of 35 years is sought. This is an application for a new take.

6 April 2006, Group 404

**Applicant:** Mr & Mrs V A & C J Donaldson

**Address:** c/- Irricon Consultants, PO Box 584, ASHBURTON  
Attn: Mr Gary Rae

**CRC051224** – to take and use groundwater at a maximum combined rate of 103 litres per second with a combined volume not exceeding 59,699 cubic metres in any period of seven consecutive days from proposed bores K36/0788 (diameter: 300 millimetres, depth: 110 metres), at or about map reference NZMS 260 K36:8482-1194, and K36/0789 (diameter: 300 millimetres, depth: 110 metres) at or about map reference NZMS 260 K36:8420-1291. Water will be used for the spray irrigation of 156 hectares of crops and pasture on McKenzies Road, between Mayfield Valetta Road and Anama Station Road, Ashburton.

A consent duration of 35 years is sought. This is an application for a new take.

8 April 2006, Group 403

**VALETTA GROUNDWATER ZONE**

**Applicant:** Hackthorne Farms Limited

**Address:** C/- Bowden Consultancy Limited, 176A Williams Street, KAIAPOI  
Attn: Mr Kieran Parsons

**CRC061587** - to take and use groundwater at a maximum rate of 41.4 litres per second per bore with a maximum combined volume not exceeding 96,422 cubic metres in any period of nine consecutive days, from proposed bores K37/2481 (diameter: 300 millimetres, depth: 150 metres), at or about map reference NZMS 260 K37:8842-0551, K37/2634 (diameter: 300 millimetres, depth: 150 metres) at or about map reference NZMS 260 K37:8810-0527, and K37/2637 (diameter: 300 millimetres, depth: 150 metres), at or about map reference NZMS 260 K37:8773-0503. Water will be used for the spray irrigation of 214 hectares for crops and pasture on Barford Road, between Hackthorne Road and Orchards Road, Mayfield.

A consent duration of 35 years is sought. This is an application for a new take.

3 May 2006, Group 413

**VALETTA GROUNDWATER ZONE**

**Applicant:** Mr D J Read

**Address:** C/- Irricon Consultants, PO Box 584, ASHBURTON  
Attn: Gary Rae

**CRC063097** - to take and use groundwater at a maximum rate of 30 litres per second with a volume not exceeding 28,512 cubic metres in any period of 12 consecutive days and not exceeding 234, 000 cubic metres between 1 July and the following 30 June from proposed bore K37/2767 (diameter: 300 millimetres, depth 70 metres), at or about map reference NZMS 260 K37:0103-8458. Water will be used for the spray irrigation of 72 hectares of

crops and pasture for stock excluding milking dairy cows between Surveyors Road and New Park Road, Eiffelton.

A consent duration of 10 years is sought. This is an application for a new take.

6 May 2006, Group 415

**VALETTA GROUNDWATER ZONE**

**Applicant:** Mr & Mrs M A & S K Etheridge

**Address:** c/- Irricon Consultants, PO Box 584, ASHBURTON

Attn: Mr Gary Rae

**CRC063212** - to take and use groundwater at a maximum rate of 6.5 litres per second with a volume not exceeding 562 cubic metres per day and a seasonal volume not exceeding 51,700 cubic metres between 1<sup>st</sup> July and the following 30<sup>th</sup> June from bore K37/1508 (diameter: 150 millimetres, depth: 44 metres), at or about map reference NZMS 260 K37:05787-99269. Water will be used for the spray irrigation of 10 hectares of crops and pasture on Tinwald Westerfield Mayfield Road adjacent to Remingtons Road, Ashburton.

A consent duration of 10 years is sought. This is an application for a new take.

15 July 2006, Group 448

**VALETTA GROUNDWATER ZONE**

**Applicant:** R F Wilson

**Address:** c/- Irricon Consultants Ltd, PO Box 584, ASHBURTON

Attn: Mr G Rae

**CRC064345** - to take and use groundwater at a maximum rate of 25 litres per second with a volume not exceeding 23,760 cubic metres in any period of 12 consecutive days and not exceeding 117,000 cubic metres between 1 July and the following 30 June from proposed bore K37/2881 (diameter: 300 millimetres, proposed depth 100 metres), at or about map reference NZMS 260 K37:0115-8338. Water will be used for the spray irrigation of 36 hectares of crops and pasture at New Park Road, between Hinds River Road and Windermere Road, Eiffelton.

A consent duration of 10 years is sought. This is an application for a new take.

28 October 2006, Group 487

**Valetta Groundwater Zone**

**Applicant:** Intersouthern Deer Limited

**Address:** C/- Irricon Resource Solutions, PO Box 36 751, Merivale, CHRISTCHURCH

Attn: Mr M Bubb

**CRC070633** - to take and use groundwater at a maximum combined rate not exceeding 160 litres per second with a volume not exceeding 13,824 cubic metres per day from proposed bores K37/2959 (diameter: 300 millimetres, proposed depth 100 metres), at or about map reference NZMS 260 K37:9458-9787, and K37/2960 (diameter: 300 millimetres, proposed depth 100 metres), at or about map reference NZMS 260 K37:9649-9800. Water

will be used for the spray irrigation of 405 hectares of crops and pasture that may include dairy production, at Maronan Road between Barford Road and Simpsons Road, Maronan.

A consent duration of 15 years is sought. This is an application for a new take.

14 April 2007, Group 540

**Valetta Groundwater Zone**

**Applicant:** Mr C G & Mrs H K Rapsey

**Address:** C/- Bowden Environmental Consultancy, 176A Williams Street, Kaiapoi.  
Attn: Kieran Parsons

**CRC072748** - to take and use groundwater from proposed bore K37/2983; (300 millimetres diameter and 135 metres deep), at or about map reference NZMS 260 K37:97582-06870 and proposed bore K37/2981; (300 millimetres diameter and 135 metres deep), at or about map reference NZMS 260 K37:93499-07765, at a combined maximum rate not exceeding 80 litres per second, with a volume not exceeding 55,269 cubic metres in any period of eight consecutive days. Water will be used for the irrigation of 215 hectares of crops and pasture, at 1296 Tinwald Westerfield Mayfield Road, between Frasers Road and Valetta Westerfield Road, Westerfield.

A consent duration of 15 years is sought. This is an application for a new take.

21 April 2007, Group 546

**Valetta Groundwater Zone**

**Applicant:** Yollom Farm Limited

**Address:** C/- Bowden Consultancy Limited, 176A Williams Street, KAIAPOI  
Attn: Ms Sarah Rickard

**CRC072224** - to take and use groundwater from proposed bore K37/2986, 300 millimetres diameter and 100 metres deep, at or about map reference NZMS 260 K37:93305-99450 and proposed bore K37/2987, 300 millimetres diameter and 100 metres deep, at or about map reference NZMS 260 K37:93490-99030, at a combined maximum rate not exceeding 112 litres per second, with a volume not exceeding 48,384 cubic metres in any period of five consecutive days. Water will be used for the spray irrigation of 194 hectares of crops and pasture, at Siberia Road between Barford Road and Simpsons Road, Westerfield.

A consent duration of 35 years is sought. This is an application for a new take.

## Appendix 3A. Ashburton River Groundwater Zone Submissions

1. A table summarising submissions received on each application are in Appendix 3A Table 1. Table 2 shows concerns expressed by submitters who submitted on multiple applications.
2. A total of 81 submissions were received, 9 in support, 58 in opposition and 13 neither for nor against.
3. There were 33 submitters, some submitting on several different applications, 13 asked to be heard, 12 of which were in opposition, the submitters are summarised in table 1.
4. Submissions in opposition strongly show concern over possible adverse effects of increased local abstraction and some concern for the overall cumulative effects of increased abstraction. Four submitters have experienced reduction in reliability of supply.
5. Nine of the submissions in support, simply communicated their support, one submitters suggested that they supported the application provided their own wells are not affected, and requested a three day pump test be carried out to determine the effects on their wells.
6. The general submissions, strongly show concern for the adverse effects upon individual abstractors and all water users, due to a reduction in flows and levels and in the increase in concentrations of leachate. They also have concerns over the way water is allocated and managed and that our current understanding of how water works is not sufficient to make long term decisions on sustainability without using the precautionary principle.
7. Generally it was felt that the applications should be declined unless existing users and uses of water can be protected and existing rights guaranteed. Any consents issued should not be for longer than 10 years and abstraction should be metered, other suggestions were for cessation conditions, aquifer tests, stock fencing and analysis of leachate.
8. Other useful comments are listed below:
  - Non compliant with the Government's sustainable development programme of action for water quality and quantity.
  - Does not meet the principles and purposes of the RMA as set out in part II section 5.
  - Water management is of national significance, water user groups should be formed.
  - Uncertainty of climate change means that a buffer should be included in water allocations.
  - Out of stream storage, should be considered.
  - All consents in a Zone should expire at the same time

- If the existing consents had been protected, the reliability of abstractors would not have been compromised and investment threatened.
- Unfair not to be allowed to transfer surface rights to ground water rights.
- If aquifer tests prove a reduction in reliability of more than 2 days per season, refuse or apply cessation conditions.
- More efficient production methods are needed to match scarcity of supply.
- Groundwater ecosystems need to be considered when determining leachate effects.
- Water is a public asset, which must be fairly shared among users with due consideration for the long term viability of the water system.
- Stop letting people waste investment where there is no more water, protect existing investments.

**Appendix 3A Table 1. Submitters for each applicant based on submission content for Ashburton River applications**

| Consent Number | Applicant                             | Well Interference      | Cumulative effects   | Reliability      | Water Quality             | Surface Water Flows   | Duration  | Other   | Support | In support - Well interference concerns |
|----------------|---------------------------------------|------------------------|--|------------------|---------------------------|---|---|---|---------|---|
| CRC051943      | G J Cairns Limited                    |                        | Central South Island Fish and Game Council, Ashburton Forest and Bird                                |                  | Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird |   |         |   |
| CRC052032      | Lowe N S & A J                        |                        | Central South Island Fish and Game Council, Ashburton Forest and Bird                                |                  | Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird |   |         |   |
| CRC052214      | Sheate P J & M J                      | Johnson R W, B L & J M | Central South Island Fish and Game Council, Ashburton Forest and Bird                                |                  | Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird |   |         |   |
| CRC052478      | Roxburgh Farms Ltd                    |                        | Central South Island Fish and Game Council, Ashburton Forest and Bird                                |                  | Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird |   |         |   |
| CRC052609      | Currie N C & G M                      |                        | Central South Island Fish and Game Council, Ashburton Forest and Bird                                |                  | Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird | Rangitata Diversion Race Management & Trustpower - application for A band water |         |   |
| CRC052651      | McNab A J H                           | Williamson D G & C M   | Central South Island Fish and Game Council, Ashburton Forest and Bird                                |                  | Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird |   |         |   |
| CRC052731      | D.G & C.M. Williamson Farming Limited |                        | Ashburton Forest and Bird  |                  | Ashburton Forest and Bird | Ashburton Forest and Bird   | Ashburton Forest and Bird   |   |         |   |
| CRC052786      | Alford Park Limited                   |                        | Central South Island Fish and Game Council, Ashburton Forest and Bird                                |                  | Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird |   |         |   |
| CRC052871      | Brown G A & M A                       |                        | Central South Island Fish and Game Council, Ashburton Forest and Bird                                |                  | Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird |   |         |   |
| CRC054347      | Briggs R L                            |                        | Central South Island Fish and Game Council, Ashburton Forest and Bird                                |                  | Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird |   |         |   |
| CRC054367      | Nordquist C M & B A                   |                        | Central South Island Fish and Game Council, Ashburton Forest and Bird, Gudsell T N, Leslie B G & A S | Leslie B G & A S | Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird | Thomson A M - not specified   |         |   |
| CRC054382      | Lagmhor Limited                       |                        | Central South Island Fish and Game Council, Ashburton Forest and Bird                                |                  | Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird | Rangitata Diversion Race Management & Trustpower - application for A band water |         |   |
| CRC054425      | Tullymett Farm Limited                | Johnson R W, B L & J M | Central South Island Fish and Game Council, Ashburton Forest and Bird                                |                  | Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird |   |         |   |
| CRC054454      | Digby, L R & H J                      |                        | Central South Island Fish and Game Council, Ashburton Forest and Bird                                |                  | Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird |   |         |   |

Appendix 3A Table 1 cont.

| Consent Number | Applicant                  | Well Interference          | Cumulative effects  | Reliability                         | Water Quality                                 | Surface Water Flows   | Duration  | Other                                   | Support   | In support - Well interference concerns |
|----------------|----------------------------|----------------------------|---|-------------------------------------|---|---|---|---|---|---|
| CRC054610      | Brown A F                  |                            | Central South Island Fish and Game Council, Ashburton Forest and Bird   |                                     | Ashburton Forest and Bird                     | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird |   |   |   |
| CRC054845      | Prendergast G & V A        |                            | Central South Island Fish and Game Council, Ashburton Forest and Bird   |                                     | Ashburton Forest and Bird                     | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird | Thomson A M - not specified             |   |   |
| CRC060790      | Cross, S B & M J           |                            | Central South Island Fish and Game Council, Te Runanga o Ngai Tahu, Water Rights Trust  |                                     | Water Rights Trust, Ashburton Forest and Bird | Central South Island Fish and Game Council                            | Central South Island Fish and Game Council, Water Rights Trust        | McPhail G C - concened about efficiency | Hydes L W & Toneycliffe A, Young C G & M A, McCosker G M        |   |
| CRC061073      | Bennett R A                | Roulston J G & J M         | Central South Island Fish and Game Council, Water Rights Trust  | Roulston J G & J M                  | Water Rights Trust, Ashburton Forest and Bird | Central South Island Fish and Game Council                            | Central South Island Fish and Game Council, Water Rights Trust        |   |   |   |
| CRC062398      | McCosker, K M & L M        |                            | Central South Island Fish and Game Council  |                                     |   | Central South Island Fish and Game Council                            | Central South Island Fish and Game Council                            |   |   |   |
| CRC062865      | Stoddart, P F & J A        | Peck D & J, Cunliffe J & H | Ashburton Forest and Bird, , Te Runanga o Ngai Tahu, Peck K, Fletcher D, Tait N D< Clarke J & N J, Chalmers N & A, Cunliffe J & H | Bishell, G E & P J , Chalmers N & A | Clarke J & N J, Ashburton Forest and Bird     | Ashburton Forest and Bird   | Ashburton Forest and Bird, Tait N D                                   | Tait N D - concerns re efficiency       | Sampson B & C, Duncan J G & R C, Borthwick G, Thomson R B & P C | Thomson R B & P C                       |
| CRC063817      | Shearer, H & M             |                            | Central South Island Fish and Game Council  |                                     |   | Central South Island Fish and Game Council                            | Central South Island Fish and Game Council                            |   | Shearer J W & Croy T J  |   |
| CRC064232      | Ross Tait Ltd              |                            | Central South Island Fish and Game Council, Te Runanga o Ngai Tahu, Water Rights Trust  |                                     | Water Rights Trust                            | Central South Island Fish and Game Council                            | Central South Island Fish and Game Council, Water Rights Trust        |   | Langdon L W R   |   |
| CRC071168      | Stepping Stones (2004) Ltd | Gallagher G & T            | Waddell G M & J M, Gallagher G & T  |                                     |   |   |   |   |   |   |

**Appendix 3A - Table 2. Summary of Submissions received on multiple applications in the Ashburton River Groundwater Zone**

| <b>Concerns</b>               | <b>Forest &amp; Bird Ashburton Branch</b>                              | <b>Water Rights Trust</b>  | <b>Chalmers NR &amp; AJ</b>                            | <b>Central South Island Fish and Game</b>              | <b>Te Runanga o Ngai Tahu</b>      |
|-------------------------------|--|--|--|--|------------------------------------|
| <b>Groundwater Users</b>      |  | Reliability of other users   | Own reliability already compromised                    | Needs assessing  |                                    |
| <b>Cumulative effects</b>     | Public concern about general effects on other users and rural industry | Non compliant  | Unreliability of existing consents                     | Particular concern for water users                     | Paramount concern                  |
| <b>Inefficient take</b>       | Use minimum amount efficiently   | Reasonableness of use  |  | Needs assessing  |                                    |
| <b>Surface water</b>          | Wetlands and smaller braided rivers                                    | Stream depletion effects   | Drains increasingly unreliable                         | Impacts on Lowland rivers                              | Paramount concern                  |
| <b>Water Quality</b>          | More leachate  | Non compliant  |  | Nitrification  | Paramount concern                  |
| <b>Water Management</b>       | Banked consents not used but increase capital value of farm            | Water is nationally significant  | Existing consents need protection                      | Inadequate groundwater management                      | Effective participation questioned |
| <b>Knowledge</b>              | Long term impacts unknown  | Long term impacts unknown  |  | Long term impacts, aquifer/surface interface unknowns. | Cumulative effects unknown.        |
| <b>Comments</b>               | Inappropriate use of a natural resource                                | Non compliant  | Investments compromised                                | Low rainfall, climate change, increased abstraction    | Water is a Toanga.                 |
| <b>Recommends</b>             | Share water fairly   | Decline, unless it is proven that this source is within its allocation | Decline, until can effectively protect existing rights | Decline, unsustainable                                 |                                    |
| <b>Duration</b>               | 10 years   | 10 years.  |  | 10 years   |                                    |
| <b>Flow monitoring</b>        |  |  |  | measure  |                                    |
| <b>Abstraction monitoring</b> |  | Meters   |  |  |                                    |
| <b>Other Conditions</b>       |  | Fence streams from stock   | Cessation clauses                                      |  |                                    |
| <b>Other monitoring</b>       | High standard of monitoring needed, users pays                         | Soil probes. Analysis of leachate.                                     |  |  |                                    |
| <b>Annual Volume</b>          |  |  |  | yes  |                                    |
| <b>Aquifer conditions</b>     |  |  | Test pumping to prove effects on others.               |  |                                    |

## Appendix 3B. Valetta Groundwater Zone Submissions

1. A table summarising submissions received on each application are in Appendix 3B Table 1. Table 2 shows concerns expressed by submitters who submitted on multiple applications.
2. A total of 359 submissions were received, 25 in support, 279 in opposition and 55 neither for nor against. The submission categories are summarised in table 1.0.
3. There were 65 submitters, some submitting on several different applications, 21 asked to be heard, 19 of which were in opposition to the applications, the submitters are summarised in table 1.1.
4. Submissions in opposition strongly show concern over possible adverse effects of increased local abstraction and some concern for the overall cumulative effects of increased abstraction. Six submitters have experienced reduction in reliability of supply.
5. The 19 submissions in support, simply communicated their support, 4 submitters suggested that they supported the application provided their own wells are not affected, two of which requested flow tests be carried out to determine the effects on their wells. One submitter supported an application provided their own water usage was not restricted as a result.
6. The general submissions, strongly show concern for the adverse effects upon individual abstractors and all water users, due to a reduction in flows and levels and in the increase in concentrations of leachate. They also have concerns over the way water is allocated and managed and that our current understanding of how water works is not sufficient to make long term decisions on sustainability without using the precautionary principle.
7. Generally it was felt that the applications should be declined unless existing users and uses of water can be protected and existing rights guaranteed. Any consents issued should not be for longer than 10 years and abstraction should be metered, other suggestions were for cessation conditions, aquifer tests, stock fencing and analysis of leachate.
8. Other useful comments are listed below:
  - Non compliant with the Government's sustainable development programme of action for water quality and quantity.
  - Does not meet the principles and purposes of the RMA as set out in part II section 5.
  - Water management is of national significance, water user groups should be formed.
  - Uncertainty of climate change means that a buffer should be included in water allocations.
  - Out of stream storage, should be considered.
  - All consents in a Zone should expire at the same time

- If the existing consents had been protected, the reliability of abstractors would not have been compromised and investment threatened.
- Unfair not to be allowed to transfer surface rights to ground water rights.
- If aquifer tests prove a reduction in reliability of more than 2 days per season, refuse or apply cessation conditions.
- More efficient production methods are needed to match scarcity of supply.
- Groundwater ecosystems need to be considered when determining leachate effects.
- Water is a public asset, which must be fairly shared among users with due consideration for the long term viability of the water system.
- Stop letting people waste investment where there is no more water, protect existing investments.

**Appendix 3B Table 1. Submitters for each applicant based on submission content for Valetta applicants**

| Consent Number | Applicant                  | Well Interference | Cumulative effects   | Reliability                       | Water Quality   | Surface Water Flows   | Duration  | Other | Support | In support - Well interference concerns | Neither in Opposition or support |
|----------------|----------------------------|-------------------|--|-----------------------------------|---|---|---|-------|---------|---|----------------------------------|
| CRC041730      | Yollom Farm Limited        | W S Green         | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust, Anwick Farm Ltd, N & A Chalmers   | N & A Chalmers, Anwick Farm Ltd   | Ashburton Forest and Bird, Water Rights Trust               | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust |       |         |   |                                  |
| CRC042248      | Mr & Mrs G P & F M Wilson  |                   | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust, Anwick Farm Ltd, N & A Chalmers   | N & A Chalmers, , Anwick Farm Ltd | Ashburton Forest and Bird, Water Rights Trust               | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust |       |         |   | Ashburton Forest and Bird        |
| CRC042880      | Gregory Partnership        | Sim A J & M J     | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust, Anwick Farm Ltd, Waddell G M & J M, Mangin Dairying Limited                                 | Anwick Farm Ltd                   | Ashburton Forest and Bird, Water Rights Trust, Lowe W J & G | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust |       |         |   | Ashburton Forest and Bird        |
| CRC050064      | Mr & Mrs L P & M M Read    |                   | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust, Anwick Farm Ltd, N & A Chalmers   | N & A Chalmers, , Anwick Farm Ltd | Ashburton Forest and Bird, Water Rights Trust               | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust |       |         |   | Ashburton Forest and Bird        |
| CRC050163      | Mr & Mrs C C & L A Fleming |                   | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust, Anwick Farm Ltd, N & A Chalmers   | N & A Chalmers, , Anwick Farm Ltd | Ashburton Forest and Bird, Water Rights Trust               | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust |       |         |   | Ashburton Forest and Bird        |
| CRC050291      | Intersouthern Deer Limited |                   | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust, Anwick Farm Ltd, N & A Chalmers, George P W & J M, Mangin Dairying Limited                  | N & A Chalmers, , Anwick Farm Ltd | Ashburton Forest and Bird, Water Rights Trust               | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust |       |         |   | Ashburton Forest and Bird        |
| CRC050293      | Punawai Pastures Limited   |                   | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust, Anwick Farm Ltd, N & A Chalmers, Liemburg H & Y, Waddell S W & P M, Mangin Dairying Limited | N & A Chalmers, , Anwick Farm Ltd | Ashburton Forest and Bird, Water Rights Trust               | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust |       |         |   | Ashburton Forest and Bird        |
| CRC050331      | Mr & Mrs P A & G J Blain   |                   | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust, Anwick Farm Ltd, N & A Chalmers   | N & A Chalmers, , Anwick Farm Ltd | Ashburton Forest and Bird, Water Rights Trust               | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust |       |         |   | Ashburton Forest and Bird        |

Appendix 3B Table 1 cont

| Consent Number | Applicant                      | Well Interference | Cumulative effects  | Reliability                       | Water Quality                                 | Surface Water Flows   | Duration  | Other           | Support | In support - Well interference concerns | Neither in Opposition or support |
|----------------|--------------------------------|-------------------|---|-----------------------------------|---|---|---|-----------------|---------|---|----------------------------------|
| CRC050375      | Waikari Hills (1989) Limited   |                   | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust, Anwick Farm Ltd, N & A Chalmers, Waddell S W & P M, Liemburg H & Y, Meadow Lee Limited, Mangin Dairying Limited    | N & A Chalmers, , Anwick Farm Ltd | Ashburton Forest and Bird, Water Rights Trust | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust |                 |         |   | Ashburton Forest and Bird        |
| CRC050406      | Mr & Mrs C & W R Nordqvist     |                   | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust, Anwick Farm Ltd, N & A Chalmers, Mangin Dairying Limited   | N & A Chalmers, , Anwick Farm Ltd | Ashburton Forest and Bird, Water Rights Trust | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust |                 |         |   | Ashburton Forest and Bird        |
| CRC050473      | Mr & Mrs P G & J A Everest     |                   | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust, Anwick Farm Ltd, N & A Chalmers, Lovett L  | N & A Chalmers, , Anwick Farm Ltd | Ashburton Forest and Bird, Water Rights Trust | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust | White J C & R L |         | White J C & R L - well interference     | Ashburton Forest and Bird        |
| CRC050911      | Mr A J White                   |                   | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust, Anwick Farm Ltd, N & A Chalmers  | N & A Chalmers, , Anwick Farm Ltd | Ashburton Forest and Bird, Water Rights Trust | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust |                 |         |   | Ashburton Forest and Bird        |
| CRC050987      | Mr & Mrs G J & M K Dickson     |                   | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust, Anwick Farm Ltd, N & A Chalmers  | N & A Chalmers, , Anwick Farm Ltd | Ashburton Forest and Bird, Water Rights Trust | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust |                 |         |   | Ashburton Forest and Bird        |
| CRC051054      | Winslow Feeds Limited          |                   | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust, Anwick Farm Ltd, N & A Chalmers  | N & A Chalmers, , Anwick Farm Ltd | Ashburton Forest and Bird, Water Rights Trust | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust |                 |         |   | Ashburton Forest and Bird        |
| CRC051164      | Mr & Mrs G W B & T M Gallagher |                   | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust, Anwick Farm Ltd, N & A Chalmers, Waddell G M & J M   | N & A Chalmers, , Anwick Farm Ltd | Ashburton Forest and Bird, Water Rights Trust | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust |                 |         |   | Ashburton Forest and Bird        |
| CRC051183      | Mr S B Roy                     | Mould C M & C J   | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust, Anwick Farm Ltd, N & A Chalmers, Meadow Lee Limited, Waddell S W & P M, Waddell G M & J M, Mangin Dairying Limited | N & A Chalmers, , Anwick Farm Ltd | Ashburton Forest and Bird, Water Rights Trust | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust |                 |         |   | Ashburton Forest and Bird        |

Appendix 3B Table 1 cont

| Consent Number | Applicant                    | Well Interference                   | Cumulative effects  | Reliability                       | Water Quality                                 | Surface Water Flows   | Duration  | Other | Support  | In support - Well interference concerns            | Neither in Opposition or support                            |
|----------------|------------------------------|-------------------------------------|---|-----------------------------------|---|---|---|-------|--|--|---|
| CRC051224      | Mr & Mrs V A & C J Donaldson |                                     | Central South Island Fish and Game Council, Water Rights Trust, N & A Chalmers, Meadow Lee Limited, Te Runanga o Ngai Tahu,   | N & A Chalmers                    | Water Rights Trust                            | Central South Island Fish and Game Council                            | Central South Island Fish and Game Council, Water Rights Trust                            |       | Bird A S & S W, Donaldson S, Moronui Limited ( A J McKenzie) | Moronui Limited ( A J McKenzie)- well interference |   |
| CRC051356      | Mr & Mrs G A & J K McAndrew  |                                     | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust, Anwick Farm Ltd, N & A Chalmers  | N & A Chalmers, , Anwick Farm Ltd | Ashburton Forest and Bird, Water Rights Trust | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust |       |  |  | Ashburton Forest and Bird                                   |
| CRC051392      | Longbeach Estate Limited     |                                     | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust, Anwick Farm Ltd, N & A Chalmers  | N & A Chalmers, , Anwick Farm Ltd | Ashburton Forest and Bird, Water Rights Trust | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust |       |  |  | Ashburton Forest and Bird                                   |
| CRC051418      | Messrs P J & C J Hampton     |                                     | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust, Anwick Farm Ltd, N & A Chalmers  | N & A Chalmers, , Anwick Farm Ltd | Ashburton Forest and Bird, Water Rights Trust | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust |       |  |  | Ashburton Forest and Bird                                   |
| CRC051601      | Forest Park Limited          |                                     | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust, Anwick Farm Ltd, N & A Chalmers, Waddell G M & J M, Waddell S W & P M, Mangin Dairying Limited | N & A Chalmers, , Anwick Farm Ltd | Ashburton Forest and Bird, Water Rights Trust | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust |       |  |  | Ashburton Forest and Bird                                   |
| CRC051603      | Deane Taylor Ashton Limited  |                                     | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust, Anwick Farm Ltd, N & A Chalmers  | N & A Chalmers, , Anwick Farm Ltd | Ashburton Forest and Bird, Water Rights Trust | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust |       |  |  | Ashburton Forest and Bird                                   |
| CRC051661      | Mr & Mrs P G & D L Lowe      |                                     | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust, Anwick Farm Ltd, N & A Chalmers, Sikorsky Trust  | N & A Chalmers, , Anwick Farm Ltd | Ashburton Forest and Bird, Water Rights Trust | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust |       |  |  | Ashburton Forest and Bird                                   |
| CRC051668      | Eskdale Farm Limited         |                                     | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust, Anwick Farm Ltd, N & A Chalmers  | N & A Chalmers, , Anwick Farm Ltd | Ashburton Forest and Bird, Water Rights Trust | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust |       |  |  | Ashburton Forest and Bird                                   |
| CRC051680      | N J & M J Brooks Limited     | Thomas G N & J M , George P W & J M | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust, Anwick Farm Ltd, N & A Chalmers, Mangin Dairying Limited                                       | N & A Chalmers, , Anwick Farm Ltd | Ashburton Forest and Bird, Water Rights Trust | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust |       |  |  | Mulligan A - surface water flows, Ashburton Forest and Bird |

Appendix 3B Table 1 cont

| Consent Number | Applicant   | Well Interference         | Cumulative effects  | Reliability                       | Water Quality                                 | Surface Water Flows   | Duration  | Other   | Support | In support - Well interference concerns | Neither in Opposition or support                                      |
|----------------|---|---------------------------|---|-----------------------------------|---|---|---|---|---------|---|---|
| CRC051758      | Mr & Mrs J P & A M McGillen                       |                           | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust, Anwick Farm Ltd, N & A Chalmers                          | N & A Chalmers, , Anwick Farm Ltd | Ashburton Forest and Bird, Water Rights Trust | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust |   |         |   | Ashburton Forest and Bird   |
| CRC051809      | Mr B M Gosling                                    |                           | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust, Anwick Farm Ltd, N & A Chalmers, Mangin Dairying Limited | N & A Chalmers, , Anwick Farm Ltd | Ashburton Forest and Bird, Water Rights Trust | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust |   |         |   | Ashburton Forest and Bird   |
| CRC051942      | Rushton Farming Company Limited                   | Rushton MJ & M S          | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust, Anwick Farm Ltd, N & A Chalmers, Mangin Dairying Limited | N & A Chalmers, , Anwick Farm Ltd | Ashburton Forest and Bird, Water Rights Trust | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust |   |         |   | Ashburton Forest and Bird   |
| CRC051961      | Mr & Mrs L W & D I Molloy                         | Green W S                 | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust, Anwick Farm Ltd, N & A Chalmers                          | N & A Chalmers, , Anwick Farm Ltd | Ashburton Forest and Bird, Water Rights Trust | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust | Green W S - concerned about reasonable requirements |         |   | Ashburton Forest and Bird   |
| CRC052171      | Mr & Mrs K B & R A Townshend                      |                           | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust, Anwick Farm Ltd, N & A Chalmers                          | N & A Chalmers, , Anwick Farm Ltd | Ashburton Forest and Bird, Water Rights Trust | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust |   |         |   | Ashburton Forest and Bird   |
| CRC052213      | Mr & Mrs B F Best & P M Clarke                    |                           | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust, Anwick Farm Ltd, N & A Chalmers                          | N & A Chalmers, , Anwick Farm Ltd | Ashburton Forest and Bird, Water Rights Trust | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust |   |         |   | Ashburton Forest and Bird   |
| CRC052249      | G Jansen  | Thomas G N & J M          | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust, Anwick Farm Ltd, N & A Chalmers                          | N & A Chalmers, , Anwick Farm Ltd | Ashburton Forest and Bird, Water Rights Trust | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust |   |         |   | Mulligan A - surface water flows, Ashburton Forest and Bird           |
| CRC052262      | New Zealand Rural Property Trust Nominees Limited | White J C & R L, Lovett L | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust, Anwick Farm Ltd, N & A Chalmers                          | N & A Chalmers, , Anwick Farm Ltd | Ashburton Forest and Bird, Water Rights Trust | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust |   |         |   | Ashburton Forest and Bird   |
| CRC052363      | Mr & Mrs S M & K J Clements                       |                           | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust, Anwick Farm Ltd, N & A Chalmers                          | N & A Chalmers, , Anwick Farm Ltd | Ashburton Forest and Bird, Water Rights Trust | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust |   |         |   | Reith G A & A J - insufficient information, Ashburton Forest and Bird |

Appendix 3B Table 1 cont

| Consent Number | Applicant                    | Well Interference                   | Cumulative effects   | Reliability  | Water Quality                                 | Surface Water Flows   | Duration  | Other | Support   | In support - Well interference concerns | Neither in Opposition or support |
|----------------|------------------------------|-------------------------------------|--|--|---|---|---|-------|-----------|---|----------------------------------|
| CRC052470      | Mr & Mrs P J & G P McEwan    |                                     | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust, Anwick Farm Ltd, N & A Chalmers   | N & A Chalmers, , Anwick Farm Ltd                    | Ashburton Forest and Bird, Water Rights Trust | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust |       |           |   | Ashburton Forest and Bird        |
| CRC052635      | Mr R F Girvan                |                                     | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust, Anwick Farm Ltd, N & A Chalmers, Mangin Dairying Limited  | N & A Chalmers, , Anwick Farm Ltd                    | Ashburton Forest and Bird, Water Rights Trust | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust |       |           |   | Ashburton Forest and Bird        |
| CRC052637      | Intersouthern Deer Limited   |                                     | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust, Anwick Farm Ltd, N & A Chalmers, Meadow Lee Limited   | N & A Chalmers, , Anwick Farm Ltd                    | Ashburton Forest and Bird, Water Rights Trust | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust |       |           |   | Ashburton Forest and Bird        |
| CRC052963      | Mr & Mrs D J & B J Quigley   |                                     | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust, Anwick Farm Ltd, N & A Chalmers, Waddell G M & J M, Mangin Dairying Limited                     | N & A Chalmers, , Anwick Farm Ltd                    | Ashburton Forest and Bird, Water Rights Trust | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust |       |           |   | Ashburton Forest and Bird        |
| CRC054110      | Tait Partnership Limited     | Ross D A & J M                      | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust, Anwick Farm Ltd, N & A Chalmers, Mangin Dairying Limited  | N & A Chalmers, , Anwick Farm Ltd                    | Ashburton Forest and Bird, Water Rights Trust | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust |       |           |   | Ashburton Forest and Bird        |
| CRC054174      | Messrs D J & M J Stoddart    |                                     | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust, Anwick Farm Ltd, N & A Chalmers   | N & A Chalmers, , Anwick Farm Ltd                    | Ashburton Forest and Bird, Water Rights Trust | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust |       |           |   | Ashburton Forest and Bird        |
| CRC054222      | Mr & Mrs J C & A M McCormick | Cornelius P D & B J, Liemburg H & Y | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust, Anwick Farm Ltd, N & A Chalmers, Paterson B J , Liemburg H & Y                                  | N & A Chalmers, Cornelius P D & B J, Anwick Farm Ltd | Ashburton Forest and Bird, Water Rights Trust | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust |       | Allen W D |   | Ashburton Forest and Bird        |
| CRC054361      | The Mounds Limited           |                                     | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust, Anwick Farm Ltd, N & A Chalmers, Meadow Lee Limited, Waddell S W & P M, Mangin Dairying Limited | N & A Chalmers, , Anwick Farm Ltd                    | Ashburton Forest and Bird, Water Rights Trust | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust |       |           |   | Ashburton Forest and Bird        |

Appendix 3B Table 1 cont

| Consent Number | Applicant                       | Well Interference            | Cumulative effects  | Reliability                       | Water Quality                                 | Surface Water Flows   | Duration  | Other | Support  | In support - Well interference concerns | Neither in Opposition or support |
|----------------|---------------------------------|------------------------------|---|-----------------------------------|---|---|---|-------|--|---|----------------------------------|
| CRC054364      | Mr F Luxton                     |                              | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust, Anwick Farm Ltd, N & A Chalmers, Mangin Dairying Limited | N & A Chalmers, , Anwick Farm Ltd | Ashburton Forest and Bird, Water Rights Trust | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust |       |  |   |                                  |
| CRC054369      | Mr W H Dobbs                    |                              | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust, Anwick Farm Ltd, N & A Chalmers, Mangin Dairying Limited | N & A Chalmers, , Anwick Farm Ltd | Ashburton Forest and Bird, Water Rights Trust | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust |       |  |   | Ashburton Forest and Bird        |
| CRC054848      | Messrs J R & A J B Stackhouse   | Wilson G R, Hooper W F & M P | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust, Anwick Farm Ltd, N & A Chalmers, Mangin Dairying Limited | N & A Chalmers, , Anwick Farm Ltd | Ashburton Forest and Bird, Water Rights Trust | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust |       |  |   | Ashburton Forest and Bird        |
| CRC060329      | Mr & Mrs DM & EJ Grant          |                              | Central South Island Fish and Game Council, Ashburton Forest and Bird   |                                   | Ashburton Forest and Bird                     | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird                     |       |  |   | Ashburton Forest and Bird        |
| CRC060783      | Devonlea Farm Limited           |                              | Ashburton Forest and Bird, Water Rights Trust   |                                   | Ashburton Forest and Bird, Water Rights Trust | Ashburton Forest and Bird   | Ashburton Forest and Bird, Water Rights Trust   |       |  |   | Ashburton Forest and Bird        |
| CRC061587      | Hackthorne Farms Limited        |                              | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust, N & A Chalmers, Te Runanga o Ngai Tahu                   | N & A Chalmers                    | Ashburton Forest and Bird, Water Rights Trust | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust |       |  |   | Ashburton Forest and Bird        |
| CRC062236      | Des Millar Construction Limited |                              | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust, N & A Chalmers, Bodman G & C                             | N & A Chalmers                    | Ashburton Forest and Bird, Water Rights Trust | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust |       | Leonard J S & C A, Allen W D & I C, Jackson A & A, Keehan J C, McQuarrie I, Proctor W A, Heney D | Leonard J S & C A- well interference    | Ashburton Forest and Bird        |
| CRC063097      | Mr D J Read                     |                              | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust, Te Runanga o Ngai Tahu, Smart D J                        |                                   | Ashburton Forest and Bird, Water Rights Trust | Central South Island Fish and Game Council, Ashburton Forest and Bird |   |       |  |   | Ashburton Forest and Bird        |

Appendix 3B Table 1 cont

| Consent Number | Applicant                   | Well Interference  | Cumulative effects  | Reliability  | Water Quality                                 | Surface Water Flows   | Duration  | Other | Support  | In support - Well interference concerns | Neither in Opposition or support |
|----------------|-----------------------------|--|---|--|---|---|---|-------|--|---|----------------------------------|
| CRC063212      | Mr & Mrs MA & SK Etheridge  | Findlay G L ,<br>Marshall G J & R B  | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust, N & A Chalmers, Dobson V & A, Kingan R J, Te Runanga o Ngai Tahu, Drummond A B & E M | N & A Chalmers, Findlay G L , Marshall G J & R B, Kingan R J | Ashburton Forest and Bird, Water Rights Trust | Central South Island Fish and Game Council, Ashburton Forest and Bird | Central South Island Fish and Game Council, Ashburton Forest and Bird, Water Rights Trust |       | Syme D & K, Tarbotton S R, B & W Properties 2005 Limited, Gudsell T N & A A, Peter Cates Limited, Copland P G, Nordqvist C M & B A, Smith C N , McDowall Canterbury Limited, Leadley S, Prender Holding, Prendergast G & V A |   | Ashburton Forest and Bird        |
| CRC064345      | AJC Farming Company Limited |  | Central South Island Fish and Game Council, Te Runanga o Ngai Tahu  |  |   | Central South Island Fish and Game Council                            | Central South Island Fish and Game Council  |       |  |   |                                  |
| CRC070633      | Intersouthern Deer Limited  | Pike M & L   | Central South Island Fish and Game Council, Surridge J  |  |   | Central South Island Fish and Game Council                            | Central South Island Fish and Game Council  |       |  |   |                                  |
| CRC072224      | Yollom Farm Limited         | Landcorp Farming Co (Simon Scott)  | Central South Island Fish and Game Council, N & A Chalmers  | N & A Chalmers   |   | Central South Island Fish and Game Council                            | Central South Island Fish and Game Council  |       |  |   |                                  |
| CRC072748      | Mr C Gordon & Ms HK Rapsey  | Johnson R W L ,<br>Langdon R & K,<br>Dairy Holdings Limited, Langdon L W R | Central South Island Fish and Game Council  |  |   | Central South Island Fish and Game Council                            | Central South Island Fish and Game Council  |       |  |   |                                  |

**Appendix 3B - Table 2. Summary of Submissions received on multiple applications in the Valetta Groundwater Zone**

| Concerns                      | Anwick Farms   | Forest and Bird Ashburton Branch                                       | Water Rights Trust   | Chalmers NR and AJ                                     | Central South Island Fish and Game                     | Te Runanga o Ngai Tahu             | Mangin Dairying Ltd   |
|-------------------------------|--|--|--|--|--|------------------------------------|---|
| <b>Groundwater Users</b>      | Own water levels drop                                  |  | Reliability of other users   | Own reliability already compromised                    | Needs assessing  |                                    |   |
| <b>Cumulative effects</b>     |  | Public concern about general effects on other users and rural industry | Non compliant  | Unreliability of existing consents                     | Particular concern for water users                     | Paramount concern                  |   |
| <b>Inefficient take</b>       |  | Use minimum amount efficiently   | Reasonableness of use  |  | Needs assessing  |                                    |   |
| <b>Surface water</b>          |  | Wetlands and smaller braided rivers                                    | Stream depletion effects   | Drains increasingly unreliable                         | Impacts on Lowland rivers                              | Paramount concern                  |   |
| <b>Water Quality</b>          |  | More leachate  | Non compliant  |  | Nitrification  | Paramount concern                  |   |
| <b>Water Management</b>       | Allocate fairly  | Banked consents not used but increase capital value of farm            | Water is nationally significant  | Existing consents need protection                      | Inadequate groundwater management                      | Effective participation questioned | Consents from previous hearing have not all been exercised. Wait for one irrigation season to determine if current groundwater use can be sustained |
| <b>Knowledge</b>              | Assurance on impacts needed                            | Long term impacts unknown  | Long term impacts unknown  |  | Long term impacts, aquifer/surface interface unknowns. | Cumulative effects unknown.        |   |
| <b>Comments</b>               | Protect existing development                           | Inappropriate use of a natural resource                                | Non compliant  | Investments compromised                                | Low rainfall, climate change, increased abstraction    | Water is a Toanga.                 |   |
| <b>Recommends</b>             | Decline, unless guarantee or compensate existing users | Share water fairly   | Decline, unless it is proven that this source is within its allocation | Decline, until can effectively protect existing rights | Decline, unsustainable                                 |                                    |   |
| <b>Duration</b>               |  | 10 years   | 10 years.  |  | 10 years   |                                    |   |
| <b>Flow monitoring</b>        |  |  |  |  | measure  |                                    |   |
| <b>Abstraction monitoring</b> |  |  | Meters   |  |  |                                    |   |
| <b>Other Conditions</b>       |  |  | Fence streams from stock   | Cessation clauses                                      |  |                                    |   |
| <b>Other monitoring</b>       |  | High standard of monitoring needed, users pays                         | Soil probes. Analysis of leachate.                                     |  |  |                                    |   |
| <b>Annual Volume</b>          |  |  |  |  | yes  |                                    |   |
| <b>Aquifer conditions</b>     |  |  |  | Test pumping to prove effects on others.               |  |                                    |   |