

Appendix "G"

Applicant: Dunstan Peaks Limited
Address for service: RJ Hall Civil and Environmental Consulting Limited, PO Box 503, Timaru

Red Description is the interpretation of the property and location:

CRC011361 –

Twin Burn – Little Omarama

To divert surface water from Little Omarama Stream to an irrigation race at a maximum rate not exceeding 170 litres per second, and a volume not exceeding 4896 cubic metres per day, at or about map reference NZMS 260: H40:635-166; and

To take and use water at a maximum rate not exceeding 170 litres per second, and a volume not exceeding 4,896 cubic metres per day, from an irrigation race located at or about map reference NZMS 260: H40:635-166, for domestic and stock use and the border dyke irrigation of 30 hectares of crops and pasture at Twinburn, and;

To take and use water from Little Omarama Stream at a maximum rate not exceeding 30 litres per second, and a volume not exceeding 2,592 cubic metres per day, at or about map reference NZMS 260: H40:628-183 for stock and domestic needs at Twinburn.

Twin Burn – Omarama Stream

To divert surface water from Omarama Stream to an irrigation race at a maximum rate not exceeding 350 litres per second, and a volume not exceeding 18,900 cubic metres per day, at or about map reference NZMS 260: H40:613-159, and

To take and use water at a maximum rate not exceeding 350 litres per second, and a volume not exceeding 18,900 cubic metres per day, from an irrigation race, at or about map reference NZMS 260: H40:613-159 for stock use and the border dyke irrigation of up to 115 hectares of crops and pasture at Twinburn.

To divert surface water from Omarama Stream into an irrigation race at a maximum rate not exceeding 290 litres per second, and a volume not exceeding 11,185 cubic metres per day, at or about map reference NZMS 260: H40:615-177; and

Dunstan Peaks – Omarama Stream

To take and use water at a maximum rate not exceeding 290 litres per second, and a volume not exceeding 11,185 cubic metres per day, and a volume not exceeding 1,020,000 cubic metres per year, from an irrigation race at or about map reference NZMS 260: H40:615-177 for the border dyke irrigation of up to 170 hectares of crops and pasture at Dunstan Peaks.

Dunstan Peaks – Twaddles Creek

To divert surface water from Twaddles Creek into an irrigation race at a maximum rate not exceeding 100 litres per second, and a volume not exceeding 8,640 cubic metres per day, at or about map reference NZMS 260: H40: 603-198; and

Storage Pond – Twaddles Creek

To dam water from a water race in a storage header pond at a maximum volume of 45,000 cubic metres located at or about NZMS 260: H40: 603-198, and

Dunstan Peaks – Twaddles Creek

To take and use water at a maximum rate not exceeding 100 litres per second, and a volume not exceeding 8,640 cubic metres per day, from an irrigation race, at or about map reference NZMS 260: H40:603-198 for the border dyke irrigation of up to 15 hectares of pasture at Dunstan Peaks.

Dunstan Peaks – Augmentation Race

To divert surface water from Middle Gully into an irrigation race at a maximum rate not exceeding 150 litres per second, and a volume not exceeding 90,720 cubic metres per day, at or about map reference NZMS 260: H40:614-192; and

Storage Pond – Augmentation Race

To dam and hold water from the irrigation race in a storage header pond at a maximum volume of 45,000 cubic metres at or about map reference NZMS 260: H40:614-192, and

Dunstan Peaks – Augmentation Race

To take and use water at a maximum rate not exceeding 150 litres per second, and a volume not exceeding 90720 cubic metres per day, from an irrigation race, at or about map reference NZMS 260: H40:614-192 for stock and domestic supply at Dunstan Peaks.

Dunstan Peaks – Electricity Generation

To divert surface water from an irrigation race at a maximum rate not exceeding 115 litres per second, and a volume not exceeding 69,552 cubic metres per day, at or about map reference NZMS 260: H40:613-197; and

To take and use water from an irrigation supply race at a maximum rate not exceeding 115 litres per second, and a volume not exceeding 69,552 cubic metres per day, at or about map reference NZMS 260: H40:613-197 for electricity generation at Dunstan Peaks.

The above applications are for existing activities.

A duration of 35 years is sought.

CRC011362 –

Clifton Downs – Augmentation Race

To discharge unused water/surplus irrigation water into Twaddle Creek at a maximum rate not exceeding 150 litres per second, and a volume not exceeding 90,720 cubic metres per day, at or about map reference NZMS 260: H39:607-201; and

Dunstan Peaks – Electricity Generation

To discharge water used for power generation into Twaddle Creek at a maximum rate not exceeding 30 litres per second, and a volume not exceeding 69552 cubic metres per week, at or about map reference NZMS 260: H40:613-197.

Clifton Downs – Twaddles Creek

To divert surface water from Twaddle Creek in to an irrigation race at a maximum rate not exceeding 45 litres per second, and a volume not exceeding 3,888 cubic metres per day, at or about map reference NZMS 260: H40:606-219; and

To take and use water at a maximum rate not exceeding 45 litres per second, and a volume not exceeding 3,888 cubic metres per day, from an irrigation race at or about map reference NZMS 260: H40:606-219 for the border dyke irrigation of 12 hectares of crops and pasture at Clifton Downs.

CRC011363 –

Twin Burn – Little Omarama and Omarama Stream. Dunstan Peaks – Omarama Stream

To disturb the bed and banks at Little Omarama Stream to facilitate the taking of water and to carry out remedial works as required to maintain the diversion structure, at or about map references NZMS 260 H40:635-166, **NZMS 260 H40:613-159, and NZMS 260 H40:615-177.**

Dunstan Peaks and Clifton Downs – Twaddles Creek.

To disturb the bed and banks at Twaddles Creek to facilitate the taking of water and to carry out remedial works as required to maintain the diversion structure, at or about map reference NZMS 260 H40:603-198 and NZMS 260 H40:606-219.

Dunstan Peaks – Middle Gully and possibly Augmentation Race.

To disturb the bed and banks at Middle Gully to facilitate the taking of water and to carry out remedial works as required to maintain the diversion structure, at or about map reference NZMS 260 H40:606-183, and NZMS 260 H40:614-192.

This is a new activity.

A 35 year duration is sought.