

OTAGO REGIONAL COUNCIL: CONSENTS 2006.841-2006.851

For the purposes of attaching consent conditions, eleven separate activities as identified in Schedule A below have been bundled together. The conditions that follow have been listed under two headings: Standard Conditions which apply to all eleven consents, and Special Conditions that apply only to each particular consent.

Date of commencement: As provided in s.116 of the Resource Management Act 1991.

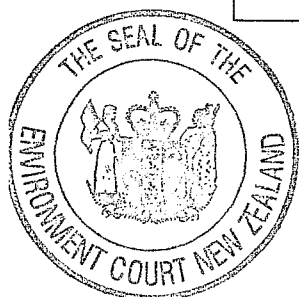
Term of consent: As specified in Schedule A below

Date of lapsing of consent (if not given effect to): Ten (10) years as provided in s.125 of the Resource Management Act 1991.

Purpose of consent: The various activities for which consents from Otago Regional Council have been granted, are as described below in Schedule A:

Schedule A:

Consent No	Type	Description	Term
2006.841	Land Use Consent	To erect structures within the bed of watercourses and the associated disturbance of the bed of the watercourses for the purpose of erecting bridges and culverts.	35 years
2006.842	Water Permit	To take groundwater for the purpose of dewatering construction sites.	15 years
2006.843	Water Permit	To temporarily divert watercourses whilst erecting bridges and culverts as well as to temporarily divert stormwater around fill disposal areas.	15 years
2006.844	Discharge Permit	To discharge water to land in a manner that may enter water for the purpose of disposing construction site run off water.	15 years
2006.845	Discharge Permit	To discharge sediment to water for the purpose of erecting bridges and culverts.	15 years
2006.846	Discharge Permit	To discharge water to land in a manner that may enter water for the purpose of dewatering construction sites.	15 years
2006.847	Discharge Permit	To discharge water and sediment to land in a manner that may enter water for the purpose of disposing of stormwater from construction sites and fill areas.	15 years
2006.848	Land Use Consent	To disturb the bed of watercourses and deposit fill material which may enter watercourses for the purpose of disposing of fill material.	15 years
2006.849	Land Use Consent	To construct bores for the purpose of dewatering construction sites.	Unlimited



2006.850	Water Permit	To take and use up to 55,000 litres per day from Lake Mahinerangi in conjunction with water permit 2006.851 for construction purposes.	15 years
2006.851	Water Permit	To take and use up to 55,000 litres of water per day from the Deep Stream Enhancement Reservoir in conjunction with water permit 2006.850 for construction purposes.	15 years

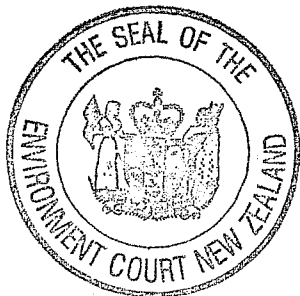
Legal Description of the Land: The relevant parts of the land described in Schedule B (below), otherwise as more specifically described in this permit and in the various plans and other information submitted by the applicant.

Schedule B:

1	TrustPower Limited	Sections 16-19, Block IV, Hedgehope Survey District in OT12C/1173.
2	Landcorp	Sections 1-8, Survey Office Plan 23490 in OT13D/952; and Sections 1-5 and 7-20, Survey Office Plan 23526, Part Section 1, and Sections 3-4, Survey Office Plan 19939, Part Sections 12-16, Block IV, and Part Sections 1 and 17, Block V Waipori Survey District in OT13D/954.
3	Thomas Family	Section 24, Block IV, Hedgehope Survey District on Survey Office Plan 22457 in OT11D/1371.
4	Beattie Family	Part Run 186B, Survey Office Plan 900 in OT14C/1133.
5	Hall Family	Part Section 5, Block X Lee Stream Survey District in OT14C/331, and Section 3, Block X Lee Stream Survey District, Survey Office Plan 21969 in OT12C/797.

STANDARD CONDITIONS OF CONSENT:

1. The consent holder shall undertake all activities authorised by these consents in general accordance with the plans and information submitted with resource consent applications, dated 7 December 2006 and numbered 2006.841-851 by Otago Regional Council, and any other documentation relevant to the application including Boffa Miskell Plans W07190 Layout Development dated 18 March 2009 ("BMP W07190"). Any change or cancellation must be made in accordance with s.127 of the Resource Management Act 1991.
2. The consent holder shall notify the Compliance Manager, Otago Regional Council, at least fifteen (15) working days in advance of the date of the commencement of works associated with these consents.
3. Unless it is otherwise specified in the conditions of these consents, compliance with any monitoring requirement imposed by these conditions shall be at the consent holder's expense.



4. Where conditions of these consents require the provision of further information such as reports or management plans by the consent holder, Otago Regional Council may commission a peer review of this information to certify its accuracy. This peer review shall be at the consent holder's expense.
5. The consent holder shall supply any agent or contractor working under these consents with a copy of the consent conditions on-site so that these conditions can be presented to an officer of the consent authority upon request.
6. Any works carried out during the life of the wind farm, whether maintenance, decommissioning, or otherwise, shall be consistent with the conditions attached to these consents.
7. The consent holder shall pay to Otago Regional Council all required administration costs and charges fixed by the Council pursuant to s.36 of the Act in relation to any:
 - (i) administration, monitoring and inspection relating to these consents; and
 - (ii) charges authorised by regulations.
8. In accordance with s.128 of the Resource Management Act 1991 (and in addition to the more specific monitoring conditions attached), Otago Regional Council may at two years after the commencement of these consent and at two yearly intervals thereafter, after giving not less than one month's notice in writing, serve notice on the consent holder of its intention to review any of the conditions of these consents for either of the following purposes:
 - (i) To deal with any adverse effect on the environment that may arise from the exercise of these consents, including noise, and which it is appropriate to deal with at a later stage.
 - (ii) To require the consent holder to adopt the best practicable option to avoid, remedy or mitigate any adverse effect on the environment.
9. Upon completion of construction of the wind farm, the consent holder shall advise the Compliance Manager, Otago Regional Council, in writing (and as appropriate supplemented by photographs) that all relevant conditions of these consents have been complied with.
10. The consent holder shall ensure that copies of all Management Plans are also supplied to the Planning and Environment Manager, Clutha District Council.

CONSTRUCTION CONDITIONS

Site Development Plan and Associated Expert Certification

11. Not less than one month prior to the commencement of any site works or construction activity, the consent holder shall submit a detailed Site Development Plan to the Compliance Manager, Otago Regional Council for confirmation that it is in accordance with the conditions of consent and provides the following information:
 - (i) Details of the final location of all facilities and infrastructure to be built. The Site Development Plan shall be generally in accordance with BMP W07190. Subject to the exceptions noted below, all facilities and infrastructure shall be inside the Windfarm Development Area depicted on BMP W07190/1 and shall maintain a buffer zone of at least 50m to any area of high ecological value as depicted on BMP W07190/1. High ecological value areas are generally described and identified in the Ecological



Assessment that forms Appendix 3 in Volume II of the resource consent application documents and are depicted on BMPW07140/1. Areas of high ecological value consist of sites containing any of the following: high and medium quality wetlands, rocky gully sides, high quality vegetation communities, rocky tors of sufficient size and/or configuration to provide lizard refuge, areas containing threatened plants as defined by Hitchmough et al, 2007 [New Zealand Threat Classification System Lists - 2005, Rod Hitchmough, Leigh Bull and Pam Cromarty (comp), January 2007, Department of Conservation, 194p (ISBN 0-478-14128-9)], or any successive publication, and waterbodies in the first order streams with resident *Eldons galaxias*.

The exceptions are:

- turbine locations 63, 64, 65, 66, 68, 69, and 70 being development within the covenanted area and turbine locations 97, 98, 99 and 100 being development within high quality tussock referred to as the Thomas Block and as marked on BMP W07190/1;
- access tracks in two areas as marked "D" on BMP W07190/1 which are within or near areas of high ecological value;
- access tracks and associated earthworks within ecological buffer areas as generally marked on BMPW07190/1; and
- any sediment controls and associated earthworks that need to be located within ecological buffer areas to avoid adverse effects upon adjacent areas of high ecological value.

The plan shall include but not be limited to:

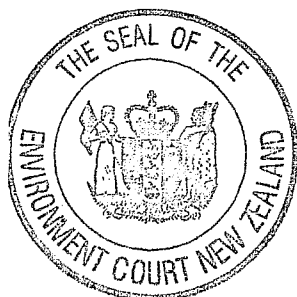
- a) all finalised turbine locations, which shall only be located within the circles depicted on BMP W07190/1;
- b) all access tracks which shall be located generally as shown on BMP W07190/1, with:
 - i) a maximum overall length of 37 km; and
 - ii) a width for construction of 12 m narrowing to 5m post-construction.
- c) cut and fill batters associated with tracking, which shall have a maximum height of 10m and slopes which are generally consistent with the typical cross section depicted in Appendix A.
- d) all hard stand areas, which shall be located within the circles depicted on BMP W07190/1 so as to minimise the total volume and area of earthworks, shall have a maximum area of 1400m² and a maximum depth of fill of 12m;
- e) all fill sites for excess spoil, which shall have a maximum volume of fill to be disposed of 460,000 m³, a maximum coverage of 61.5 ha and a maximum fill depth of 3m;
- f) sediment ponds, which shall have a maximum bund height of 3m;
- g) the substation site, which shall be located generally as shown on BMP W07190/1;



- h) the operations and maintenance building and associated waste and water services, and construction site office and depot, which shall be located generally as shown on BMP W07190/1;
- i) the transmission line;
- j) the concrete batching area, which shall be located generally as shown on BMP W07190/1;
- k) the internal transmission system;
- l) meteorological masts and equipment; and
- m) any other areas of land disturbance.

Environmental Construction Management Plan

12. Prior to undertaking any activities authorised by this resource consent, the consent holder shall provide to the Compliance Manager, Otago Regional Council, a comprehensive Environmental Construction Management Plan (*ECMP*) prepared by an independent and suitably qualified and experienced person. The ECMP shall generally be in accordance with Appendix 12 of the application documentation entitled *Mahinerangi Wind Farm Draft Environmental Construction Management Plan*, prepared by Kingett Mitchell Ltd. The ECMP shall set out the practices and procedures to be adopted to ensure that all resource consent conditions relating to with the construction of the Mahinerangi Wind Farm are complied with. This shall include management procedures for the establishment, operation, and rehabilitation phases of the wind farm.
- (i) Subject to any other conditions of this consent, all activities shall be undertaken in accordance with the latest version of the ECMP and related plans (as listed in condition 12(vi)(h) (below).
 - (ii) The ECMP and associated plans shall be reviewed by the consent holder and may be amended accordingly to take into account:
 - (a) Any recommendations of independent experts engaged to undertake works in respect of the Mahinerangi Wind Farm.
 - (b) Any required actions identified as a result of monitoring under these consents.
 - (c) Any required actions to ensure that appropriate monitoring and reporting of all activities is undertaken in accordance with the resource consent conditions.
 - (iii) The ECMP and related plans shall not be amended in a way that contravenes the objectives set out for the respective plans, in accordance with conditions 14 and 15.
 - (iv) A copy of the latest version of the ECMP and associated plans shall be kept on site at all times and all key personnel shall be made aware of each Plans' contents.
 - (v) If amendments are made to the ECMP (or associated plans) in accordance with condition 12(ii) above, updated plans must be provided to the Compliance Manager, Otago Regional Council.



Purpose and Content of ECMP

- (vi) The purpose of the ECMP is to detail the practices and procedures to be adopted to ensure that all resource consent conditions relating to construction rehabilitation and operation of the Mahinerangi Wind Farm are complied with and that adverse potential effects on the environment associated with construction are appropriately avoided, remedied or mitigated. The ECMP shall provide for the following objectives:
- (a) To minimise the overall area of disturbance, so as to reduce the potential impact on flora, fauna and waterways.
 - (b) To minimise the sediment generation and sediment laden runoff.
 - (c) To ensure that appropriate monitoring and reporting of all activities is undertaken in accordance with the resource consent conditions.
 - (d) To ensure that the earthworks are undertaken in a manner that provides for final surfaces which are suitable for rehabilitation.
 - (e) To ensure that earthworks are undertaken in a manner that provides for compliance with relevant resource consent conditions in respect of water quality criteria applicable to discharge permits.
 - (f) To ensure that earthworks and associated sediment controls are managed in a manner that does not give rise to effects set out in section 107(1) of the Resource Management Act 1991.
 - (g) To ensure that any low quality gully sites be appropriately used for spoil disposal.
 - (h) To provide a framework for the individual management plans including, but not limited to:
 - an Environmental Monitoring Plan and Report;
 - an Earthworks Management Plan; and
 - Supplementary Environmental Management Plans (*SEMPs*) associated with the construction of tracking and sediment control devices and any associated earthworks located within the ecological buffer areas.
- (vii) The ECMP shall contain an explanation of how it will be implemented and associated implementation responsibilities. This shall include a description of the documentation and information management and approvals processes to be used in implementing the plan, and a description of the process for monitoring performance and changes to the plan based on monitoring activity.
- (viii) The consent holder shall ensure that the construction of the Mahinerangi Wind Farm is undertaken in accordance with the requirements of the ECMP.

13. Environmental Monitoring Plan and Report

- (i) An Environmental Monitoring Plan and Report shall be prepared by the consent holder that sets out a schedule of monitoring to be undertaken and requirements for reporting of these results in accordance with the conditions of resource consent.



- (ii) The consent holder shall prepare and submit to the Compliance Officer, Otago Regional Council, an annual Environmental Monitoring Report, prior to each anniversary of the commencement of the resource consents. The monitoring period to be included in each report shall be for the preceding 12 month period.
- (iii) As a minimum, the Environmental Monitoring Report shall:
 - (a) Summarise all environmental monitoring undertaken;
 - (b) Summarise all the data collected, as required under the Environmental Monitoring Plan outlined above, and any other conditions of resource consent. This may include graphical presentation, statistical summations of monitoring data, critical analysis of the information in terms of compliance and environmental effects;
 - (c) Highlight and discuss any important environmental trends;
 - (d) Report and discuss any difficulties in compliance with the conditions of the consent and the measures adopted to rectify problems; and
 - (e) List any maintenance works needed, proposed or undertaken to ensure compliance with the conditions of the consent or to facilitate operations.

14. Earthworks Management Plan

- i) An Earthworks Management Plan shall be prepared and shall be submitted by the consent holder to the Compliance Officer, Otago Regional Council, one month prior to the commencement of construction activities. The Earthworks Management Plan shall set out the practices and management procedures to be adopted to ensure that all resource consent conditions relating to earthworks are complied with. The Earthworks Management Plan shall form part of the ECMP required under Condition 12.
- ii) Matters to be provided for by the management procedures include, but are not limited to, relevant matters contained within Part C – Earthworks Management Plan of the draft ECMP which formed Appendix 12 of Volume II of the resource consent application documentation.
- iii) The Earthworks Management Plan shall provide for the following objectives:
 - a) To ensure that earthworks do not adversely affect areas of high ecological value (acknowledging the provision of relevant ecological buffer areas (as marked on BMPW07190/1 and SEMP's)) and waterbodies within the Mahinerangi Wind Farm site;
 - b) To minimise sediment generation and sediment laden runoff;
 - c) To ensure the control and/or mitigation of adverse effects of any sediment run-off or contamination of stormwater.
 - d) To avoid adverse effects from sediment run-off from fill areas and provide for sediment control works that will be capable of safely passing a 50 year 24 hour event.
 - e) To ensure that earthworks and associated sediment controls are managed in a manner that does not give rise to effects set out in section 107(1) of the Resource Management Act.



- iv) The Earthworks Management Plan shall generally comply with the requirements of Auckland Regional Council's "*Erosion and Sediment Control Guidelines for Land Disturbing Activities*" (Technical Publication No.90).
- v) The consent holder shall ensure that all earthworks associated with the construction of the Mahinerangi Wind Farm are undertaken in accordance with the requirements of the Earthworks Management Plan.
- vi) The Earthworks Management Plan shall, as a minimum address the following:
 - a) The objectives set out in 14(iii) above, and methods appropriate to the Mahinerangi Wind Farm site.
 - b) The overall design of the rehabilitated landscape, taking into account the need to:
 - (i) ensure that where appropriate, sediment control areas are installed prior to soil disposal work;
 - (ii) minimise erosion from fill areas by providing for appropriate and stable:
 - sediment compaction levels; and
 - revegetation.
 - (iii) ensure that sediment control devices for fill areas are designed to cater for a 50 year, 24 hour event;
- vii) The Earthworks Management Plan shall include details in circumstances where low quality gully sites are used for spoil disposal, of how the following criteria are to be met:
 - (a) That fill disposal must not result in siltation of downstream streams.
 - (b) That fill disposal must not result in changes to downstream stream water nutrient concentrations or to other chemical stream water parameters.
 - (c) How the composition and structure of potentially affected adjacent wetland vegetation within the affected catchment will be monitored prior to and for 5 years after spoil deposition, using quantitative sampling methodology undertaken by an independent and suitably qualified ecologist reporting to the Compliance Officer, Otago Regional Council.
 - (d) How any adverse vegetation changes revealed by monitoring required by condition (vii)(c) above are to be remedied or mitigated by the consent holder.
- viii) The consent holder shall define the active construction zone which is comprised of the various sites detailed in Condition 11 (i) by clearly marking (i.e. fence, tape or other appropriate mechanism) the limits of the construction zone.

15. Supplementary Environmental Management Plans

- i) The consent holder shall submit to the Compliance Officer, Otago Regional Council, at least 10 working days prior to commencement of construction activities associated with the establishment of access tracks and/or sediment control works in the areas within the ecological buffer areas or areas marked "D" on BMPW07190/1, specific Supplementary Environmental Management Plans (*SEMPs*). The *SEMPs* will form part of the ECMP. The *SEMPs* shall set out the practices and procedures to ensure that access tracks and associated



earthworks and sediment control works within the ecological buffer areas or areas marked "D" on BMPW07190/1, are constructed so as to avoid, remedy or mitigate adverse effects upon adjacent areas of high ecological value and waterbodies.

- ii) The SEMP's shall, as a minimum, address the following construction related activities:
 - a) the erection of structures across and/or within the bed of watercourses;
 - b) the establishment of diversion channels when erecting structures across and/or within the bed of watercourses;
 - c) the establishment of fill disposal areas;
 - d) the disturbance of the bed of any watercourses resulting from any construction activity within the bed of watercourses;
 - e) the diversion of water associated with any construction activity within the bed of watercourses;
 - f) construction related discharges; and
 - g) any other activity which is within the ecological buffer identified on Plan BMP W07190/1.
- iii) As a minimum, the SEMP for each specific construction activity identified in Condition 15(ii) shall include the following information:
 - a) a map showing the specific location of each structure and/or component related to the construction activity and the high ecological value area for which protection is required, including sphagnum bogs and streams;
 - b) identification of whether the structure and/or component related to the construction activity is temporary or permanent and confirmation of the risk of potential adverse effects on high ecological value areas;
 - c) the timing and duration of the activity (i.e. structure erection or discharge etc);
 - d) cross-section and plan drawings to scale showing the dimensions and nature of each structure and/or component related to the construction activity;
 - e) construction methods that will be utilised, including identification of erosion and sediment control measures that will be put in place;
 - f) for activities within watercourses, confirmation of flow carrying capacity of the watercourse prior to following installation of each structure and/or component related to the construction activity, confirmation of the flow capacity of the new structure and/or component and identification of secondary flow paths;
 - g) for discharges, the maximum rate of discharge, which will comply with relevant resource consent conditions; and
 - h) The mechanisms, procedures, and practices to be followed to ensure that all works within the ecological buffer areas are undertaken to avoid adverse effects upon the adjacent areas of high ecological values and waterbodies.



ACCIDENTAL DISCOVERY PROTOCOL

16. The consent holder shall ensure that all construction personnel involved in site disturbance activities are suitably trained in the requirements of the Accidental Discovery Protocols, and identification of archaeological sites and/or artefacts.
17. If *koiwi tangata* (human skeletal remains), *taonga* or archaeological artefacts are discovered during site construction, the consent holder shall, without delay:
 - i) Cease all work within a 50 m radius of the discovery and secure the area.
 - ii) Notify their nominated archaeologist, the consent authority, the appropriate *runanga*, the New Zealand Historic Places Trust, and in the case of *koiwi tangata* (skeletal remains), the New Zealand Police.
 - iii) Enable a site inspection by the New Zealand Historic Places Trust and the appropriate *runanga*, and their advisors, who shall determine the nature of the discovery and the further action required, including whether an Archaeological Authority is required under the Historic Places Act 1993.
 - iv) Any *koiwi tangata* or *taonga* shall be handled and removed by tribal elders responsible for the *tikanga* (custom) appropriate to its removal and preservation.
 - v) Ensure that the further action identified in accordance in part (iii) of this condition is undertaken.
 - vi) Upon completions of tasks (i) to (v) above, and provided all statutory permissions have been obtained, the consent holder may recommence site construction following consultation with the consent authority, appropriate *runanga*, the New Zealand Places Trust, and in the case of *koiwi tangata* (skeletal remains), the New Zealand Police.
18. The consent holder shall, in consultation with *manawhenua* and the Historic Places Trust, develop a comprehensive Accidental Discovery Protocol, which will form part of the consent holder's Environmental Construction Management Plan. The protocol shall develop in more detail the processes required in Conditions 18(i) and (ii) above. The protocol shall also include, but not be limited to, identifying the roles and responsibilities of the consent holder and the other involved parties, providing contact details and identifying reporting requirements.

SPECIAL CONDITIONS OF CONSENT:

Land use Consent – Erection of bridges and culverts (Consent No. 2006.841)

19. The exercise of this consent is subject to the Standard Conditions as provided above.
20. The culverts shall be designed to carry a minimum of 1 in 10 year flow and a secondary flow path to carry up to a 1 in 100 year flow.
21. The gradient of any culvert must match that of the existing channel invert.
22. Works shall be undertaken as far as practicable, when flows in the watercourses are low.



23. Works, during the months of May to August (inclusive), may only be undertaken with the prior approval of the consent authority, to avoid the disturbance of trout spawning habitat.
24. In waterbodies containing resident Eldons galaxias, works may only be undertaken during the months of September to November (inclusive) with the prior approval of the consent authority, which must be satisfied that such works will avoid the disturbance of Eldons galaxias spawning habitat.
25. Any refuelling, lubrication or mechanical repairs shall be undertaken in such a manner so as to ensure that no spillages of hazardous substances occur onto the land surface or into water. If a fuel or oil spillage in excess of 10 litres occurs, the consent holder shall:
 - i) immediately take such action or execute such work as may be necessary to stop and/or contain such escape; and
 - ii) take all reasonable steps to remedy or mitigate any adverse effects on the environment resulting from the escape; and
 - iii) inform the Compliance Manager, Otago Regional Council, within 24 hours of its occurrence and the steps taken or being taken to clean up the spill, remedy any adverse effects, and prevent any recurrence of such escape.
26. Fuel storage tanks and machinery working and stored in the construction area shall be maintained at all times to prevent leakage of oil and other contaminants into the watercourses. No refuelling of machinery shall occur within watercourses.
27. All machinery shall be water-blasted prior to entering and leaving the site to reduce the potential for aquatic pest species being introduced to the watercourses. At no time during the exercise of this consent shall machinery be washed within the bed of any watercourse.
28. All works shall be undertaken, as far as practicable, outside the wet bed of the watercourse.
29. The consent holder shall minimise damage to riparian vegetation when exercising this consent.
30. The consent holder shall ensure that fish passage is not impeded as a result of the placement of the culverts.
31. The consent holder shall ensure the works authorised by this consent do not cause any flooding, erosion, scouring, land instability or property damage. Should such effects occur due to the exercise of this consent, the consent holder shall, if so required by the consent authority and at no cost to the consent authority, take all such actions as the consent authority may request to remedy any such damage.
32. Prior to, or immediately following completion of the works authorised by this consent, the consent holder shall ensure that all plant, equipment, chemicals, fencing, signage, debris, rubbish and any other material brought on site is removed from the site. The site shall be tidied to a degree at least equivalent to that prior to the works commencing.
33. The consent holder shall ensure that any damage to the stream banks, including riparian vegetation, is reinstated to a quality at least equivalent to that prior to the works commencing, within one month of completion of the works.
34. Representative photographs shall be taken of the site:



- i) before works commence; and
- ii) immediately after the completion of works and rehabilitation of the site.

These photographs shall be provided to the Compliance Manager, Otago Regional Council, within one month of the final photographs being taken and shall be used to confirm compliance with conditions 32 and 33.

Water Permit – Groundwater take (Consent No. 2006.842)

35. The exercise of this consent is subject to the Standard Conditions as provided above.
36. The dewatering of the excavations shall not give rise to any land instability, subsidence or property damage.
37. The consent holder shall ensure that wetland habitats, including sphagnum bogs and streams, are not adversely affected by the dewatering.
38. Prior to undertaking dewatering as authorised by this consent, the consent holder shall provide a baseline report which details the nature, extent and values of the sphagnum bogs and streams that may be potentially affected by the dewatering activities. The baseline report shall be prepared by an independent and suitably qualified expert and shall be provided to the Compliance Manger, Otago Regional Council prior to undertaking the dewatering activities. The baseline report shall provide sufficient qualitative and quantitative analysis including photographic evidence, to enable any changes to the nature, extent and values of the sphagnum bogs and streams as a result of exercising this consent to be determined.
39. The consent holder shall monitor characteristics of the sphagnum bogs and streams that were the subject of the baseline report, in order to confirm compliance with condition 37. Copies of any further analysis reports shall be provided to the Compliance Manager, Otago Regional Council prior to providing notice pursuant to condition 9.

Water Permit – Erection of bridges and culverts (Consent No. 2006.843)

40. The exercise of this consent is subject to the Standard Conditions as provided above.
41. This consent shall be exercised in conjunction with land use consent 2006.841 and discharge permit 2006.845.
42. The diversion of water from the watercourse shall only occur once the diversion channel and/or pipework has been completed.
43. The consent holder shall ensure that fish passage is not impeded as a result of any diversion works and shall undertake any diversion works in such a manner that no fish become stranded.
44. When diverting water into any new diversion channel and/or pipe, all reasonable steps shall be taken to ensure that sediment and discolouration of water are kept to a minimum.



45. The consent holder shall undertake all practicable measures to promote bank stability of the new channel as rapidly as possible.
46. There shall be no reduction in the surface flow of the watercourse as a result of the diversion.
47. No lawful take of water shall be adversely affected as a result of the diversion.
48. The consent holder shall ensure the diversion does not cause any flooding, erosion, scouring, land instability or damage of any other person's property. Should such effects occur due to the diversion, the consent holder shall, if so required by the consent authority and at no cost to the consent authority, take all such actions as the consent authority may request to remedy any such damage.
49. Representative photographs shall be taken of the site as follows:
 - i) before works commence; and
 - ii) immediately after the completion of works and rehabilitation of the site,

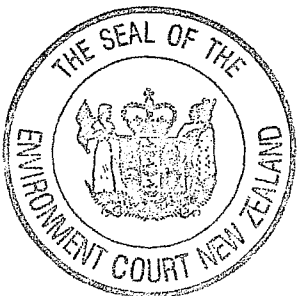
These photographs shall be provided to the Compliance Manager, Otago Regional Council, within one month of the final photographs being taken and shall be used to confirm compliance with condition 48.

Discharge Permit – Site run-off water (Consent No. 2006.844)

50. The exercise of this consent is subject to the Standard Conditions as provided above.
51. No lawful take of water is to be adversely affected as a result of any discharge.
52. The consent holder shall ensure that the discharge does not give rise to any significant adverse effects on aquatic life.
53. The exercise of this consent shall not give rise to a conspicuous adverse change in the colour or clarity of the watercourses beyond 20 metres downstream of the discharge point.

Discharge Permit – Erection of bridges and culverts (Consent No. 2006.845)

54. The exercise of this consent is subject to the Standard Conditions as provided above.
55. This consent shall be exercised in conjunction with land use consent 2006.841.
56. No contaminants other than silt and sediment shall be discharged into the watercourses.
57. The consent holder shall take all practicable steps to minimise the release of sediment into the water while disturbing the bed of the watercourses.
58. No lawful take of water is to be adversely affected as a result of any discharge.
59. The consent holder shall ensure that the discharge does not give rise to any significant adverse effects on aquatic life.



60. The exercise of this consent shall not give rise to a conspicuous adverse change in the colour or clarity of the watercourses beyond 20 metres downstream of the discharge point.

Discharge Permit – Construction site dewatering (Consent No. 2006.846)

61. The exercise of this consent is subject to the Standard Conditions as provided.
62. No lawful take of water is to be adversely affected as a result of any discharge.
63. The consent holder shall ensure that the discharge does not give rise to any significant adverse effects on aquatic life.
64. The exercise of this consent shall not give rise to a conspicuous adverse change in the colour or clarity of the watercourses downstream of the discharge point.

Discharge Permit – Construction site stormwater (Consent No. 2006.847)

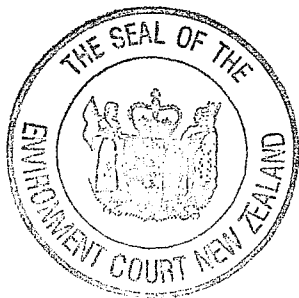
65. The exercise of this consent is subject to the Standard Conditions as provided above.
66. No contaminants other than silt and sediment shall enter into watercourses as a result of the exercise of this consent.
67. No lawful take of water is to be adversely affected as a result of any discharge.
68. The consent holder shall ensure that the discharge does not give rise to any significant adverse effects on aquatic life.
69. The exercise of this consent shall not give rise to a conspicuous adverse change in the colour or clarity of the watercourses beyond 20 metres downstream of the discharge point.

Land use Consent – Disposal of fill material (Consent No. 2006.848)

70. The exercise of this consent is subject to the Standard Conditions as provided above.
71. No fill shall be deposited within 10 metres of a formed water channel containing permanently flowing water.
72. Works shall be undertaken as far as practicable, when flows in the watercourses are low.
73. Works, during the months of May to August (inclusive) may only be undertaken with the prior approval of the consent authority, to avoid the disturbance of trout spawning habitat.
74. In waterbodies containing resident Eldons galaxias works may only be undertaken during the months of September to November (inclusive) with the prior approval of the consent authority, which must be satisfied that such works will avoid the disturbance of *Eldons galaxias* spawning habitat.



75. Any refuelling, lubrication or mechanical repairs shall be undertaken in such a manner so as to ensure that no spillages of hazardous substances occur onto the land surface or into water. If a fuel or oil spillage in excess of 10 litres occurs, the consent holder shall:
- i) immediately take such action or execute such work as may be necessary to stop and/or contain such escape; and
 - ii) take all reasonable steps to remedy or mitigate any adverse effects on the environment resulting from the escape; and
 - iii) inform the Compliance Manager, Otago Regional Council, within 24 hours of its occurrence and the steps taken or being taken to clean up the spill, remedy any adverse effects, and prevent any recurrence of such escape.
76. Fuel storage tanks and machinery working and stored in the construction area shall be maintained at all times to prevent leakage of oil and other contaminants into the watercourses. No refuelling of machinery shall occur within watercourses.
77. All machinery shall be water blasted prior to entering and leaving the site, to reduce the potential for pest species being introduced to the watercourses. At no time during the exercise of this consent shall machinery be washed within the bed of the watercourses.
78. All works shall be undertaken outside the wet bed of the watercourse.
79. The consent holder shall ensure that any bed disturbance is limited to the extent necessary to carry out the works.
80. The works shall not result in any decrease of the cross-sectional area of the streambed, as the streambed exists prior to commencement of the works authorised by this consent.
81. The consent holder shall minimise damage to riparian vegetation when exercising this consent.
82. The consent holder shall ensure that fish passage is not impeded as a result of the deposition of the fill.
83. The consent holder shall ensure the works authorised by this consent do not cause any flooding, erosion, scouring, land instability or property damage. Should such effects occur due to the exercise of this consent, the consent holder shall, if so required by the consent authority and at no cost to the consent authority, take all such actions as the consent authority may request to remedy any such damage.
84. Prior to, or immediately following completion of the works authorised by this consent, the consent holder shall ensure that all plant, equipment, chemicals, fencing, signage, debris, rubbish and any other material brought on site is removed from the site. The site shall be tidied to a degree at least equivalent to that prior to the works commencing.
85. The consent holder shall ensure that any damage to the stream banks, including riparian vegetation, is reinstated to a quality at least equivalent to that prior to the works commencing, within one month of completion of the works.
86. Representative photographs shall be taken of the site:
- i) before works commence; and



- ii) immediately after the completion of works and rehabilitation of the site.

These photographs shall be provided to the Compliance Manager, Otago Regional Council, within one month of the final photographs being taken and shall be used to confirm compliance with conditions 83, 84 and 85.

Land use Consent – Construction of bores for dewatering (Consent No. 2006.849)

87. The exercise of this consent is subject to the Standard Conditions as provided above.
88. Where an excavation results in groundwater being taken to enable construction to proceed, the consent holder shall identify on a map the specific location of the excavation, noting its dimensions, the water level and when the excavation was backfilled. The consent holder shall forward this information to the Compliance Manager, Otago Regional Council, on a monthly basis.

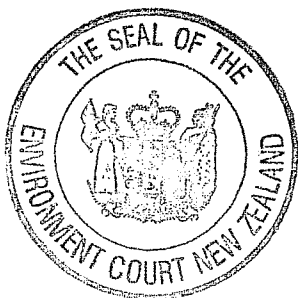
Note: The definition of a bore in the Regional Plan: Water for Otago includes "...pit....which results in groundwater being taken ...". Therefore, any excavation where groundwater is taken to reduce water levels is deemed to be a bore.

Water Permit – Water take from Lake Mahinerangi (Consent No. 2006.850)

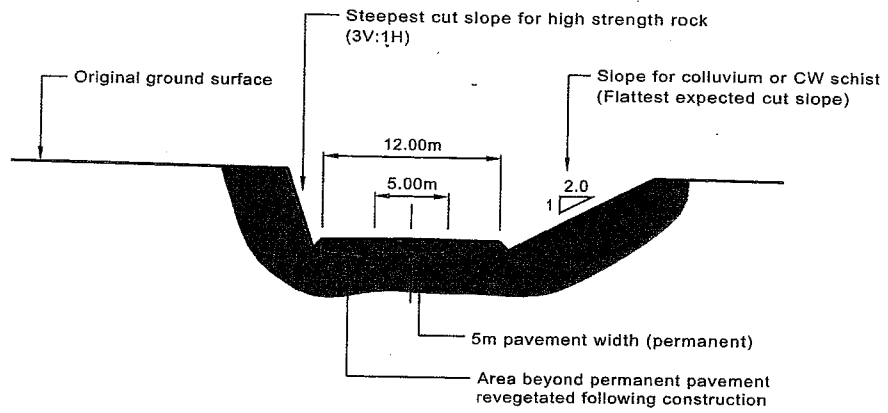
89. The exercise of this consent is subject to the Standard Conditions as provided above.
90. The rate of abstraction in conjunction with Consent 2006.851 shall not exceed 55 cubic metres per day.
91. The consent holder shall keep a record of the extent to which this consent is exercised by recording the weekly volume of water (cubic metres) taken. A copy of that record shall be forwarded to the Compliance Manager, Otago Regional Council, by 31 May each year and upon request.
92. The intake shall be screened so as to prevent the ingress of small fish and elvers.

Water Permit – Water take from Deep Stream Enhancement Reservoir (Consent No. 2006.851)

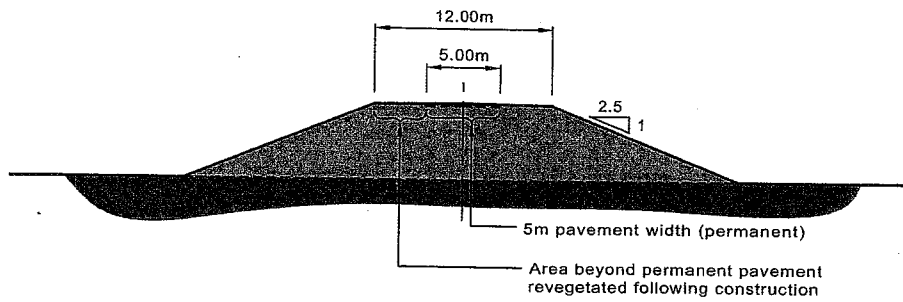
93. The exercise of this consent is subject to the Standard Conditions as provided above.
94. The rate of abstraction in conjunction with Consent 2006.850 shall not exceed 55 cubic metres per day.
95. The consent holder shall keep a record of the extent to which this consent is exercised by recording the weekly volume of water (cubic metres) taken. A copy of that record shall be forwarded to the Compliance Manager, Otago Regional Council, by 31 May each year and upon request.
96. The intake shall be screened so as to prevent the ingress of small fish and elvers.



APPENDIX A
TYPICAL ACCESS TRACK CROSS-SECTIONS



Ridge Line Track (cut)



Ridge Line Track (fill)

