

Condition	Ecan Comment	Applicants response to ECan comment	Meridian Energy Ltd	Fish & Game	Royal Forest & Bird Protection Society	DOC	Te Runanga o Ngai Tahu	The Mackenzie Guardians	Waitaki First Inc
Consent Application CRC073236									
Application for: Installation of an irrigation pipeline from gallery take in the Mistake River.									
<i>Scope</i>	Agree	No change proposed							
1 Works in the bed and banks of the Mistake River shall be limited to the installation, use and maintenance of a water supply pipeline to take water pursuant to consent CRC012408.1 and CRC031175 including: (a) Excavation of a trench of up to 1m in width, 64m in length and 2m in depth; (b) Installation of a pipeline 200mm in diameter.									
2 The pipeline described in 1(b) shall be buried to a minimum depth of 1m and a maximum depth of 2m below lowest bed level.	Agree	No change proposed							
<i>Location</i>	Agree	No change proposed							
3 The works shall be located in the bed and banks of the Mistake River between approximately map references NZMS 260 I37:070-038 and NZMS 260 I37:071-039 such that the buried pipeline extends the full width of the Mistake River bed.									
<i>Prior to works</i>	Agree	No change proposed							
4 Prior to <i>commencing</i> works, a copy of this resource consent shall be given to all persons undertaking activities authorised by this consent.									
5 The Canterbury Regional Council, Attention: RMA Compliance and Enforcement Manager shall be notified in writing not less than 48 hours prior to the commencement of works authorised by this consent.	Agree	No change proposed							
<i>Works/Construction</i>	May be useful to clarify – any 15 days.	Amended – see track change							
6 Works to install the pipeline described in Condition 1 are to be undertaken only during the months of January February or March of any year and shall take no longer than any 15 days to complete.									
7 Prior to the commencement of construction, the consent holder shall prepare a Construction Management Plan (CMP) to be submitted to the Canterbury Regional Council, Attention: RMA Compliance and Enforcement Manager. The CMP shall cover (but not be limited to) the following matters: Construction hours and days of the week when construction activity may occur. (a) Protocols for the handling and management of hazardous substances. (b) Protocols associated with the accidental discovery of archaeological matter.	Management Plan should be submitted prior to making decision, otherwise there would not be an assurance that the protocols/measures would be adequate.	No change proposed							

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(c) Measures to be taken to prevent the erosion of excavated areas, including the prevention (as far as is practicable) of sediment discharge.										
(d) Post construction measures to ensure that the construction area is rehabilitated as closely as practicable to its natural state (as it was pre construction).										
(e) Safety measures to ensure that the general public is not at risk of harm when accessing Crown land in close proximity to the construction area.										
<i>Erosion protection</i>										
8 (a) Erosion controls shall be installed on all earthworks to prevent (as far as practicable) sediment from flowing into any surface water body.	Agree	No change proposed								
(b) Works shall not be undertaken in any manner likely to cause erosion of or instability to the bed or banks of the Mistake River; or reduce the flood-carrying capacity of the Mistake River.										
9 The consent holder shall adopt the best practicable options in general accordance with the Environment Canterbury Erosion and Sediment Control Guidelines (2007) to:	Agree	No change proposed								
(a) Minimise soil disturbance and prevent soil erosion;										
(b) Prevent sediment from flowing into any surface water; and										
(c) Avoid placing cut or cleared vegetation, debris, or excavated material in a position such that it may enter surface water.										
10 To prevent the spread of Didymo or any other aquatic pest, the consent holder shall ensure that activities authorised by this consent are undertaken in accordance with the Biosecurity New Zealand's hygiene procedures. <i>Note: The most current version of these procedures can be accessed from the Biosecurity New Zealand website http://www.biosecurity.govt.nz or Environment Canterbury Customer Services.</i>	Agree	No change proposed								
11 <u>A.</u> The consent holder shall ensure that during construction: (a) All practicable measures shall be undertaken to prevent oil and fuel leaks from vehicles and machinery. <u>(b)</u> There shall be no storage of fuel or refuelling of vehicles and machinery within 20 metres of the bed of a river. <u>(c)</u> Fuel shall be stored securely or removed from site overnight.	If the content of (b) is to be included it should be its own condition because it is dealing with effects of works in flowing water generally on native aquatic species, rather than risks of	Amended – see track change								

Deleted: <#>The consent holder shall ensure that during construction:¶
¶
<#>All practicable measures shall be undertaken to prevent oil and fuel leaks from vehicles and machinery.¶
<#>As far as is practicable machinery avoids the wetted area of the Mistake River; or where this is not possible the consent holder in consultation with Department of Conservation undertake surveys to confirm the presence of galaxiids prior to disturbance, and that any fish likely to be affected are to be translocated to suitable habitat nearby. ¶
<#>There shall be no storage of fuel or refuelling of vehicles and machinery within 20 metres of the bed of a river.¶
<#>Fuel shall be stored securely or removed from site overnight.¶

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Deleted: <#>As far as is practicable machinery avoids the wetted area of the Mistake River; or where this is not possible the consent holder in consultation with Department of Conservation undertake surveys to confirm the presence of galaxiids prior to disturbance, and that any fish likely to be affected are to be translocated to suitable habitat nearby. ¶

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<p><u>11B The consent holder shall ensure that during construction as far as practicable, vehicles or machinery shall not enter the wetted area of the river.</u></p> <p><u>In the event that works are required in the wetted area of the river, the consent holder shall survey the site of works prior to vehicles or machinery entering the wetted area and translocate any galaxiids likely to be affected to suitable habitat in the river, ensuring that the fish are protected from the effects of works in flowing water.</u></p>	<p>spillage of petrochemicals.</p> <p>Possible wording as follows:</p> <p>“(a) The consent holder shall ensure that, as far as practicable, vehicles or machinery shall not enter the wetted area of the river.</p> <p>(b) In the event that works are required in the wetted area of the river, the consent holder shall survey the site of works prior to vehicles or machinery entering the wetted area and translocate galaxiids present to suitable habitat in the river, ensuring that the fish are protected from the effects of works in flowing water.”</p>									
12	The consent holder shall ensure that works do not prevent the passage of fish, or cause the stranding of fish in pools or channels.	Agree	No change proposed							
13	The consent holder shall ensure that vehicles and machinery used during works are:	<p>Free of plants and plant seeds prior to use in the waterbody; and</p> <p>That the machinery is thoroughly washed after use in the Mistake River.</p>	<p>.. that vehicles and machinery used during works are ...</p>	Amended						
14	Vehicles and/or machinery shall not operate within 100 metres of birds which are nesting or rearing their young in the bed of the river.	Agree	No change proposed							
15	Prior to any construction works being carried out, the consent holder shall ensure that:	No need to specify the months because those are the only	Amended							

Deleted: machinery used in the construction of the pipeline is

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<p>(a) A suitably qualified and independent person inspects the proposed area of works, no earlier than eight working days prior to any works being carried out, and locates any bird breeding sites of birds listed in Appendix A.</p> <p>(b) The person carrying out the inspection prepares a written report that identifies all the located bird breeding or nesting sites and provides copies of that report to the consent holder and the Canterbury Regional Council.</p> <p>(c) The name and qualifications of the person carrying out the inspection are provided to the Canterbury Regional Council with the report;</p> <p>(d) Any person carrying out works authorised by this consent are informed of any bird breeding or nesting sites located; and</p> <p>(e) Where work ceases for more than 10 days, the site will be re-inspected for bird breeding and nesting sites in accordance with parts (a) to (d) of this condition.</p>	months consented for works								
<p>16 In the event of any disturbance of Koiwi Tangata (human bones) or taonga (treasured artefacts), the consent holder shall immediately:</p> <p>(a) Advise the Canterbury Regional Council of the disturbance;</p> <p>(b) Advise Te Runanga o Arowhenua, and Te Runanga o Waihao, and Te Runanga o Moeraki, or their representative, and the New Zealand Historic Places Trust, of the disturbance; and</p> <p>(c) Cease earthmoving operations in the affected area until an area has been marked off around the site, and Kaumatua and archaeologists have given approval for the earthmoving to recommence.</p>		No change proposed							
<p><i>Upon Completion</i></p> <p>17 Following completion of the works the trench will be back-filled, levelled and compacted to resemble the original river bed as far as is practicable. All fill used for the installation and reinstatement shall be comprised of sand, silt and gravel, and shall be free of vegetation.</p>	Agree	No change proposed							
<p>18 All spoil and any other waste material from the installation works shall be removed from the site on completion of the works.</p>	Agree	No change proposed							
<p><i>Administration</i></p> <p>19 The Canterbury Regional Council may, once per year, on any of the last five working days of June each year, serve notice of its intention to review the conditions of this consent for the purposes of dealing with any adverse effect on the environment which</p>	Need to use Condition AD04 from Attachment 6 of original S42a Report 1 for consistency of	No change proposed							

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may arise from the exercise of the consent and which it is appropriate to deal with at a later stage.	review provisions and to enable two opportunities annually								

APPENDIX A: LIST OF BIRDS

South Island Pied Oystercatcher
Black Stilt
Pied Stilt
Wrybill
Banded Dotterel
Grey warbler
Fantail
Bellbird
Silvereye
Spur-winged Plover
Paradise Shelduck
Grey duck
NZ Shoveler
Grey Teal
NZ Scaup
Black-billed Gull
Red-billed Gull
Caspian Tern
White-fronted Tern
Black-fronted Tern
White-winged Black Tern
Australasian Bittern
Marsh Crake
Spotless Crake
Cormorant/Shag colonies

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Consent Application CRC031175 – To divert, take and use surface water	<p><i>The new proposed conditions, developed subsequent to the presentation of section 42A reports, would, provided that all of the suggested changes are incorporated, satisfactorily address landscape and local lake water quality issues.</i></p> <p><i>Further conditions would need to be developed to address cumulative lake water quality issues. See comments on condition 47 for suggested approach and activation threshold.</i></p> <p><i>There are still significant unresolved issues relating to water quantity management.</i></p>	Further consultation with ECan has occurred and conditions 45 to 48 are proposed to address lake water quality issues							
1 Consent is granted for a term expiring on the 30 th of April 2025.	Agree with date. Duration condition should be separate or located after lapse condition.	No change proposed							
2 Water shall only be taken from the Mistake River via a gallery intake installation at surface water abstraction point I37/0041 at or about map reference NZMS 260 I37:063-036, at a maximum rate of 261 l/s, with a daily volume not exceeding 22,550m ³ per day and a total volume not exceeding 2,682,000m ³ per year for a period of 212 days between 1 October and the following 30 April.	Differ on annual volume – 2,413,800m ³ – as per S42a addendum report of Maria Bartlett, paragraph 135	Refer to applicant's submissions for response to Maria Bartlett calculation. No change proposed							
3 Water taken pursuant to this Consent shall be used only for spray irrigation of 447 hectares of crops and pasture for grazing sheep, beef cattle or non-milking dairy cows, as described in the application, on the area of land shown in attached plan CRC031175, which forms part of this consent (Plan 1).	Plan 1 does not clearly show the irrigation area. No attached plan CRC031175.	No change proposed							
4 Whenever the flow (expressed in litres per second) in the Mistake River as estimated by the Canterbury Regional Council from measurements at the Mistake River recorder site, map reference NZMS 260 I37:080-040: (a) Is equal or greater than 780 litres per second, the maximum rate at which water is diverted shall not exceed 261 litres per second; (b) Is equal to or less than 780 litres per second and greater than	Differ on minimum flow conditions – as per S42a addendum report of Maria Bartlett, paragraph 139 – otherwise, wording ok	See response to comment on condition 2 - No change proposed							

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<p>715 litres per second, the maximum rate at which water is diverted shall not exceed 195 litres per second;</p> <p>(c) Is equal to or less than 715 litres per second and greater than 650 litres per second, the maximum rate at which water is diverted shall not exceed 130 litres per second;</p> <p>(d) Is equal to or less than 650 litres per second and greater than 585 litres per second, the maximum rate at which water is diverted shall not exceed 65 litres per second;</p> <p>(e) Is equal to or less than 585 litres per second and greater than 520 litres per second, abstraction shall cease, or shall reduce to a managed take such that the flow shall not fall below 520 litres per second;</p> <p>(f) Is equal to or less than 520 litres per second, abstraction shall cease.</p>									
<p><i>Ngai Tahu</i></p> <p>5 The consent holder shall undertake the following activities in respect of Rapuwai Lagoon:</p> <p>(a) Erect (in so far as there is not already a fence in place) a stock-proof fence to protect the riparian boundary from stock damage.</p> <p>(b) Carry out a progressive riparian regime over two years in accordance with the details set out in the Farm Environment Management Plan.</p> <p>(c) Introduce a 20 metre fertiliser and spray buffer area around the lagoon (except spot spraying) and grass ephemeral channel flow into Rapuwai Lagoon within 2 years, in accordance with details set out in the Farm Environment Management Plan.</p>	<p>Agree</p> <p>There are other High Natural Character water bodies within, or adjacent to the irrigation area, that would benefit from stock exclusion and riparian management (i.e., Mick's Lagoon, Cass River and Mistake River)</p>	<p>No change proposed – protections/requirements in FEMP</p>							
<p>6 The consent holder shall ensure that all irrigation is set back from Lake Tekapo by a minimum of 100 metres.</p>	<p>This should refer to "irrigation is" rather than "irrigable areas are". Or alternatively: "Irrigation shall not occur within 100 metres of the bed of Lake Tekapo." Needs to clarify that the separation must be from the lake bed rather than the actual water. This is needed to address both landscape and water quality issues. S42A landscape report recommended 50 metre set-backs from river margins to address landscape effects.</p>	<p>Amended in part</p>							

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<i>Metering – Mistake River Flow</i>									
7	(a) The consent holder shall, before the first exercise of this consent, install a water meter measuring device at approximately map reference 260 I37:080-040 or as close as practicable to the gallery intake as possible in the Mistake River that will enable the determination of the continuous rate of flow in the reach of the waterbody to within an accuracy of 10 percent.	Agree	No change proposed						
	(b) The measuring device shall, as far as is practicable, be installed at a site likely to retain a stable relationship between flow and water level. The measuring device shall be installed in accordance with the manufacturer's instructions.								
	(c) The consent holder shall install a tamper proof electronic recording device such as a data logger(s) that shall time stamp a pulse from the flow meter at least once every 15 minutes, and have the capacity to hold at least one season's data as specified in clauses (d)(i) and (d)(ii), and which is telemetered, as specified in clause (d)(iii)								
	(d) The recording device(s) shall: <ul style="list-style-type: none"> (i) be set to wrap the data from the measuring device such that the oldest data will be automatically overwritten by the newest data (i.e. cyclic recording); and (ii) store the entire season's data in each 12 month period from 1 July to 30 June in the following year, which the consent holder shall then download and store and provide to the Canterbury Regional Council in a format and standard specified in the Canterbury Regional Councils form for Water Metering Data Collection; and be readily accessible to be downloaded by the Canterbury Regional Council or by a person authorised by the Canterbury Regional Council: RMA Compliance and Enforcement Manager; and (iii) shall be connected to a telemetry system which collects and stores all of the data continuously with an independent network provider who will make that data available in a commonly used format at all times to the Canterbury Regional 								

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<p>Council and the consent holder.</p> <p>(e) The measuring and recording devices described in clauses (a) and (c) shall be available for inspection at all times by the Canterbury Regional Council.</p> <p>(f) All data from the recording device described in clause (c) and the corresponding relationship between the water level and flow described in clause (b), shall be provided to the Canterbury Regional Council annually in the month of June and shall be accessible and available for downloading at all times by the Canterbury Regional Council.</p>									
<p><i>Metering - take</i></p> <p>8 The consent holder shall before the first exercise of this consent:</p> <p>(a)</p> <p>(i) install a water meter(s) that has an international accreditation or an equivalent New Zealand calibration endorsement, and has pulse output, suitable for use with an electronic recording device (telemetry capable), from which the rate and the volume of water taken can be determined to within an accuracy of plus or minus five percent as part of the pump(s) outlet plumbing, or within the mainline distribution system, at a location(s) that will ensure the total take of water is measured; and</p> <p>(ii) install a tamper-proof electronic recording device such as a data logger(s) that shall time stamp a pulse from the flow meter at least once every 15 minutes, and have the capacity to hold at least one season's data of water taken as specified in clauses 8(b)(ii) and which is telemetered, as specified in clause 8(b)(iii).</p> <p>(b) the recording device shall:</p> <p>(i) be set to wrap the data from the measuring device such that the oldest data will be automatically overwritten by the newest data (i.e. cyclic recording); and</p> <p>(ii) store the entire season's data in each 12 month period from 1 July to 30 June in the following year, which the consent holder shall then download and store and provide to the Canterbury Regional Council in a format and standard specified in the Canterbury Regional</p>	Agree	No change proposed							

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<p>Councils form for Water Metering Data Collection; and be readily accessible to be downloaded by the Canterbury Regional Council or by a person authorized by the Canterbury Regional Council: RMA Compliance Enforcement Manager; and</p> <p>(iii) shall be connected to a telemetry system which collects and stores all of the data continuously with an independent network provider who will make that data available in a commonly used format at all times to the Canterbury Regional Council and the consent holder.</p> <p>(c) no data in the recording device(s) shall be deliberately changed or deleted</p> <p>(d) the measuring and recording devices described in clauses (a) shall be available for inspection at all times by the Canterbury Regional Council, including access to the data recorded in accordance with clause (b)</p> <p>(e) the water meter(s) and recording device(s) shall be installed, maintained and operated throughout the duration of the consent in accordance with the manufacturer's instructions and with a minimum straight length of pipe upstream (before the meter) of 10 times the diameter of the pipe and a minimum straight downstream (after the meter) length of five times the diameter of the pipe.</p> <p>(f) All practicable measures shall be taken to ensure that the water meter(s) and recording device(s) are fully functional at all times and meeting the accuracy stated in condition 8(a).</p>									
<p>9 Within one month of the installation of the measuring or recording device(s) specified in condition 7 and 8, or any subsequent replacement measuring or recording device(s) or at any time when requested by the Canterbury Regional Council, the consent holder shall provide a certificate to the Canterbury Regional Council, attention: RMA Compliance and Enforcement Manager, signed by a suitably qualified person certifying, and demonstrating by means of a clear diagram, that:</p> <p>(a) the measuring and recording device(s) is installed in accordance with the manufacturer's specifications; and</p> <p>(b) data from the recording device(s) can be readily accessed and/or retrieved in accordance with clause (d) of conditions 7 and 8</p>	Agree	No change proposed							

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10	At 5 yearly intervals or at any time when requested by the Canterbury Regional Council, the consent holder shall provide a certificate to the Canterbury Regional Council, attention: RMA Compliance and Enforcement Manager, signed by a suitably qualified person certifying that: (a) the water meter(s) is recording data from which the rate of water taken can be determined as specified in condition 8; and (b) the tamper proof electronic recording device is operating as specified and is telemetered, as specified in conditions 7(d)(iii) and 8(d)(iii).	Agree	No change proposed						
11	The Canterbury Regional Council (Attention: RMA Compliance and Enforcement Manager) shall be informed within five working days on the first exercise of this consent by the consent holder.	Agree	No change proposed						
<i>Management</i>		Agree	No change proposed						
12	The consent holder shall take all practicable steps to: (a) Ensure that the volume of water used for irrigation does not exceed that required for the soil to reach field capacity; and (b) Avoid leakage from pipes and structures; and (c) Avoid the use of water onto non-productive land such as impermeable surfaces and river or stream riparian strips.								
13	(a) The irrigation system used in association with taking water in terms of this permit shall not be used to distribute effluent, fertiliser or any other added contaminant, unless a backflow prevention mechanism such as one of the following is installed upstream of the point of addition of the effluent, fertiliser or other added contaminant: (i) a reduced pressure zone device (RPZD), or (ii) a pressure vacuum breaker (PVB), or (iii) an air gap backflow prevention system. (b) Installation of a RPZD or a PVB shall be in accordance with section 9 (PVB) or section 12 (RPZD) of Australian/New Zealand Standard AS/NZS 2845.1 Water supply - Backflow prevention devices, Part 1: Materials, design and performance requirements, or an equivalent standard.	Should add advice note: "Advice note The discharge of effluent, fertiliser or any contaminant would require authorisation as a permitted activity or via a discharge permit. Contact the Canterbury Regional Council for advice on the relevant regional rules." Correct minor typo in clause (d) – RPVD should be RPZD.	Typo amended						

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(c) An air gap backflow prevention system shall have an unobstructed vertical air gap separation of at least twice the diameter of the inlet pipe, from the lowest point of the inlet pipe to the flood level rim of the receptacle into which it discharges.									
(d) Field testing and maintenance shall be carried out of an RPZD or a PVB at commissioning of the use of the system for application of effluent or fertiliser and annually afterwards, in accordance with AS 2845.3 Water supply—Backflow prevention devices, Part 3: Field testing and maintenance, or an equivalent standard.									
(e) An air gap backflow prevention system shall be tested at commissioning and annually afterwards. Maintenance shall be undertaken as necessary to ensure that backflow prevention is effective.									
(f) Installation, testing and maintenance shall be undertaken by a suitably qualified person. A report on the annual testing shall be provided to the Canterbury Regional Council, Attention: RMA Compliance and Enforcement Manager, within two weeks of initial commissioning and within two weeks of each annual testing. Each report shall be accompanied with the name, qualifications and experience of the person who undertook the installation, testing or maintenance.									
SPECIFIC ON-FARM MONITORING CONDITIONS									
<i>Nutrient Discharge Allowance & Modelling</i>									
14 The consent holder shall prepare, at least once per year, a report of the annual farm nutrient losses from Godley Peaks Station as shown in attached plan CRC031175 which forms part of this consent (Plan 2) using the model Overseer® (Agresearch model version number 5.4.3 or later) undertaken by a person with an Advanced Sustainable Nutrient Management Certificate issued by Massey University or an equivalent qualification.	Plan 2, not labelled as CRC031175, needs additional information to more clearly show and label the property boundary.	No change proposed							
15 A copy of the report prepared in accordance with condition 14 shall be given to the Canterbury Regional Council, Attention: RMA Compliance and Enforcement Manager, upon request.	Agree	No change proposed							
16 The consent holder may not commence irrigation under this consent unless the annual (01 July to 30 June) nutrient loading is estimated to	Needs to be "The annual (01 July to 30 June) nutrient loading (NDA) estimated in accordance	No change proposed							

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	be less than the 41828kg of nitrogen and 1465kg of phosphorus for Godley Peaks Station.	with condition 14, shall be less than..." Otherwise, a breach after commencement would be authorised.							
17	The consent holder shall manage nutrient losses from the property within the nutrient thresholds stated in Condition 16 for Godley Peaks Station. Nutrient losses are modelled by Overseer® as required in condition 14.	Which nutrient thresholds? "are" should be "shall be". If changes are made to condition 16, this condition would not be needed.	Amended						
18	The Nutrient Discharge Allowance (NDAs) shall be recalculated if there is a sale or transfer of any part, but not the whole, of the total farm area specified in Appendix A. The recalculated NDAs shall replace the NDAs specified in condition 16. The recalculation of the NDAs shall be undertaken and certified by a person with an Advanced Sustainable Nutrient Management Certificate issued by Massey University or an equivalent qualification, and completed and provided to the Canterbury Regional Council, Attention: RMA Compliance and Enforcement Manager, together with a copy of the full Parameter report, within one month of the sale or transfer. The new NDAs may be recalculated on any proportionment as long as the total of all the NDAs does not exceed the NDAs of the parent title as set out in condition 16.	This needs a further clarification to ensure that the recalculation is clearly to 'redistribute' the NDAs. Suggest add after "The recalculated NDAs..." "...shall be undertaken to accurately redistribute the NDA between the resultant properties and..."	No change proposed						
19	The consent holder shall maintain ongoing and complete records for Godley Peaks Station in relation to the type of crop, yields, cultivation methods, nutrient inputs to the nearest kilogram, stock numbers and movements all other inputs to the Overseer® nutrient budgeting model. Such records are to be used as inputs to the Overseer® method as described in condition 14, and shall be made available to the Canterbury Regional Council on request.	Need to replace "are to" in second sentence with "shall".	No change proposed						
20	(a) Changes may be made to the Godley Peaks Station \ Overseer® model inputs provided that there is ongoing compliance with Condition 16. (b) Any changes to the Godley Peaks Station Overseer® model inputs shall be recorded immediately and made available together with the corresponding Overseer® parameter report, on request by the Canterbury Regional Council. (c) The Canterbury Regional Council may once each year during August required of the consent holder that a person with an advanced sustainable nutrient management certificate issued by Massey University or an equivalent qualification provides a written certification and the resultant Overseer® parameter report to the Canterbury Regional Council, attention: RMA	Missing the following after "...model inputs..." "...provided that they are made by a person with an Advanced Sustainable Nutrient Management Certificate issued by Massey University or an equivalent qualification, and that person provides a written certification that they have modelled the change using Overseer® and..."	No change proposed						

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	Compliance and Enforcement Officer, that they have modelled the change using Overseer [®] and that the result of the modelling demonstrates that the NDA's are not exceeded.	Reference to certification needed for clause (b).								
Farm Environmental Management Plan (FEMP)										
21	The consent holder shall implement the mitigation, monitoring and auditing specified in the FEMP for Godley Peaks Station which is attached as Appendix B and forms part of this consent.	No comment	No change proposed							
22	<p>(a) The consent holder may, without changing the objectives of the FEMP's, annually update the FERA and the FEMP's and amend where necessary to reflect any significant land use changes.</p> <p>(b) Where the FEMP's have been amended, the consent holder will provide the amended FEMP(s) to the Canterbury Regional Council with a certificate signed by a suitably qualified person which certifies the amendments made do not change the objectives of the FEMP(s);</p> <p>(c) The Canterbury Regional Council shall give written notice to the consent holder within 10 working days that it accepts the amended FEMP(s) plan and such notice shall not be withheld without good reason.</p> <p><i>Advisory Note: For the purpose of this consent "significant land use changes" is a major change in the way in which the farm operates. For example going from extensive sheep and beef farming to dairy farming or cropping. It does not include changes in stock numbers as would be expected under "normal" farming operations.</i></p>	"significant land use changes" is not well defined but don't consider that these two conditions are essential, therefore not critical.	No change proposed							
23	<p>(a) The FEMP set out at condition 21 and NDAs set out in condition 16 shall apply to Godley Peaks Station and to any subsequent landholdings resulting from the subdivision of those areas (including the partitioning of land from, or addition of land to that property holding) so long as that landholding relies on this consent.</p> <p>(b) Should any changes to the land holding(s) occur, the FERA and FEMP(s) shall be reviewed and updated</p> <p>(c) The consent holder will provide the amended FEMP to the Canterbury Regional Council with a certificate signed by a suitably qualified person which certifies that the amendments made reflect the changes in landholding.</p>	No comment	No change proposed							
Irrigation Infrastructure										
24	The consent holder shall design and install all new (not on the property at the time of commencement of this consent) irrigation infrastructure in	Code of practice is not written as an enforceable document, which means that this condition could	No change proposed							

	ECan Comment	Applicants response to ECan Comment	Meridian Energy Ltd	Fish & Game	Royal Forest & Bird Protection Society	DOC	Te Runanga o Ngai Tahu	The Mackenzie Guardians	Waitaki First Inc
	accordance with the 'Irrigation Code of Practice and Irrigation Design Standards, Irrigation NZ, March 2007' and the design and installation shall be certified in writing by a suitably qualified expert.	not be enforced, doesn't provide any assurance about effects and is therefore not necessary. Retention may give an impression that aspects of irrigation design can be controlled via conditions and enforced when they cannot. Therefore recommend deletion unless specific and enforceable components could be separated out and applied.							
25	A copy of that certification shall be provided to the Canterbury Regional Council on request.	See above.	No change proposed						
26	All irrigation infrastructure shall be tested within 12 months of the first exercise of this consent and afterwards every five years in accordance with the 'Irrigation Code of Practice and Irrigation Evaluation Standards, Irrigation NZ, March 2007' (code of practice) by a suitably qualified independent expert.	See above.	No change proposed						
27	The expert shall prepare a report within two months of the testing, outlining their findings and shall identify any changes needed to comply with the code of practice.	See above.	No change proposed						
28	Any changes needed to comply with this code of practice shall be implemented within five years from the date of the report. A copy of the report shall be provided to the Canterbury Regional Council Attention: RMA Compliance and Enforcement Manager, within three months of the report being completed.	See above.	No change proposed						
29	(a) The consent holder shall ensure that irrigation water is applied evenly through annual in-house irrigated calibration and every 5 years by an independent auditor as part of the irrigation infrastructure audit required by Condition 26. (b) The consent holder shall ensure that irrigation depth is determined by robust irrigation scheduling.	See above.	No change proposed						
30	Irrigation shall only occur within those areas identified as Irrigation Command Areas on the Plan <u>1</u> .	Which Plan? Can't see specific command areas on either plan. If areas specified would need to match up with 100m setback from lake bed.	Plan specified						

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Soils & Farm Management									
31	The consent holder shall use, where practicable, direct drilling as the principal method for establishing pastures.	Agree.	No change proposed						
32	The consent holder shall grass and irrigate all ploughed areas as soon as practicable following ground disturbance.	Agree.	No change proposed						
33	The consent holder shall ensure that stock do not have any access to any open irrigation channel.	Agree.	No change proposed						
34	The consent holder shall ensure that all silage is made and stored on a concrete pad which drains to an effluent collection facility.	Agree.	No change proposed						
35	The consent holder shall ensure that all silage effluent is stored in a lined temporary storage facility.	Agree.	No change proposed						
36	The consent holder shall ensure that the storage facility referred to in condition 35 has at least three days storage capacity.	Agree.	No change proposed						
37	The consent holder shall ensure that all liquor from the silage storage area is recycled to land or tankered from the site.	Agree.	No change proposed						
		No conditions proposed to exclude stock from river beds. Such conditions are essential if nutrient management measures are to be meaningful.	See requirements of FEMP						
Fertiliser Use and Application									
38	(a) The consent holder shall manage and apply fertiliser in accordance with 'The Code of Practice for Nutrient Management (With Emphasis on Fertiliser Use) NZFMRA 07'. (b) The consent holder shall ensure that fertiliser is applied evenly. All fertiliser (organic and inorganic applicators and spreaders shall be tested and calibrated in-house annually and fertiliser spreaders tested every 5 years by a suitably qualified independent expert. (c) The independent certified auditor shall report the co-efficient variation before and after test and calibration and advise the consent holder of recommendations should a transverse co-efficient of variation of 85 % not be achieved. Any recommendations identified shall be implemented within 12 months from the date of receipt of the report. A copy of the report shall be given to the Canterbury Regional Council	This code of practice is generally not written as an enforceable document, which means that this condition could not be enforced, doesn't provide any assurance about effects and is therefore not necessary. Retention may give an impression that many aspects of fertiliser use can be controlled via a consent condition and enforced when they cannot. Therefore recommend deletion	No change proposed						

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	within 3 months of it being completed. (d) Where consent holders use "Spreadmark" accredited spreaders or contractors the consent holders are compliant with this condition 38 and shall present evidence of the "Spreadmark" accreditation instead.	unless specific and enforceable components could be separated out and applied.							
39	Nitrogen fertiliser shall not be applied to land between 31 May and 1 September in any year except for the use of nitrification inhibitors.	Agree.	No change proposed						
40	The consent holder shall ensure that all fertiliser brought onto the property which is not immediately applied to the land shall be covered, and all practicable measures taken to prevent the fertiliser entering waterways.	Agree.	No change proposed						
41	If liquid fertilisers, excluding liquid effluent, are stored on-site for more than three working days, the fertiliser shall be stored in a bunded tank, at least 110% of the volume of the tank to avoid any discharge to surface or groundwater and such that it is also protected from vehicle movements.	Agree.	No change proposed						
42	The fertiliser filling area shall not occur within 50m from a watercourse, spring or bore.	Agree.	No change proposed						
43	The consent holder shall ensure that the soil Olsen P levels are maintained at or below 30, or trending to 30 or below where they have been elevated in the past, unless specific crop requirements exceed 30.	Agree.	No change proposed						
44	Individual N fertiliser applications shall not be greater than 50 kg N/ha.	Agree.	No change proposed						
	Record keeping condition not included. This is needed.	See requirements of FEMP							
	There are no conditions relating to not applying fertiliser or irrigation water within a buffer distance of rivers. There may be measures in the FEMP but this has not been attached and FEMP measures sighted elsewhere are not enforceable. Would normally have a buffer distance of at least 5 - 10 metres.	FEMP was attached when conditions submitted – comment incorrect.							