

Resource Consent Application Form 35

Use of land for and discharge of contaminants from irrigated dairy farm land



This application is made under Section 88 of the Resource Management Act 1991

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IMPORTANT NOTES TO THE APPLICANT

Consent for irrigation of dairy farm land is required under Clause 21 of the Resource Management (National Environmental Standards for Freshwater) Regulations 2020.

This form is to be used for the use of land for the use of land for and discharge of contaminants from irrigated dairy farm land activities. Refer to Section A.2 below for the consent triggers. If your activity does not trigger any of the matters set out in Section A.2, your activity is likely to be permitted under Clause 20 of the National Environmental Standards for Freshwater.

Ensure that you complete this Application Form 35 and Resource Consent Application Form 1 in full.

Please note: Any consent granted under Clause 21 of the National Environmental Standards for Freshwater does not authorise the take and use of water for irrigation. This will be managed under a separate regional plan rule.

Please note: This consent may only be granted if council is satisfied that the activity will not result in an increase in contaminants loads or concentrations beyond the levels at 2 September 2020. Refer to Section E.2 for further information around this.

Dairy farm land: Means land on a farm that is used for grazing dairy cattle.

Irrigation: Means the activity of applying water to land by means of a constructed system for the purpose of assisting production of vegetation or stock on that land.

For the consent application to be processed efficiently in the minimum time and at minimum cost, it is critical that as much relevant information as possible is included with the application. If all the necessary information is not entered on the form or supplied with the application then Otago Regional Council may return your application, request further information, or publicly notify your application. This will lead to delays in the processing of your application and may increase processing costs. This application form, when properly completed, should provide an adequate "Assessment of Effects on the Environment" (AEE) where the adverse effects of a proposal are not significant. However, this can only be determined on application.

You may wish to provide a separate AEE using this form as template.

PART A: GENERAL

<p>A.1</p>	<p>Is this application (tick which applies):</p> <p><input type="checkbox"/> For a NEW consent to use land for and the discharge of contaminants to land from irrigated dairy land?</p> <p><input type="checkbox"/> To REPLACE a current consent for irrigated dairy land?</p> <p>Current consent number: _____</p> <p>Expiry date: _____</p>
<p>A.2</p>	<p>What is the reason you require consent?</p> <p><i>If you don't meet any of the criteria below, your use of land and discharge of contaminants from irrigated dairy land may be permitted under Clause 20 of the National Environmental Standards for Freshwater.</i></p> <p><input type="checkbox"/> Where irrigated dairy farm land already existed within the farm at 2 September 2020, the part of the farm that is irrigated dairy farm land is greater than the maximum area irrigated in that 12 month period plus 10 ha.</p> <p><input type="checkbox"/> Where irrigated dairy farm land did not exist within the farm at 2 September 2020, the part of a farm that is irrigated dairy farm land is greater than 10 ha.</p>

PART B: LOCATION OF THE ACTIVITY

<p>B.1</p>	<p>Farm within which irrigated dairy farm land is located</p> <p><i>A farm means a landholding whose activities include agriculture.</i></p> <p><i>A landholding means 1 or more parcels of land (whether or not they are contiguous) that are managed as a single operation.</i></p> <p>Name of owner(s):</p> <p>_____</p> <p>Address/Location:</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>How big is the farm?</p> <p>_____ hectares</p> <p>Legal description(s) of the farm (as shown on Certificate of Title)</p> <p><i>Please attach a current (no less than 3 months old) Certificate of Title to the application.</i></p> <p>_____</p> <p>_____</p>
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B.2	<p>Land to be irrigated dairy farm land</p> <p><i>As your consent to use and discharge contaminants from irrigated dairy land may be granted with a duration of several years, please identify all areas of dairy farm land that may be irrigated over the requested duration, as well as how much of this land will be irrigated each year.</i></p> <p>How much of the farm is currently dairy farm land?</p> <p>_____ hectares</p> <p>How much of the dairy farm land has been irrigated in the last 12 months?</p> <p>_____ hectares</p> <p>How much of the dairy farm land may be irrigated over the life of the consent?</p> <p>_____ hectares</p> <p>How much of the dairy farm land may be irrigated each year?</p> <p>_____ hectares</p> <p>What is the nature of the terrain where irrigated dairy farm land is, including slope (flat, rolling, steep) and the direction of slope?</p> <p><i>Attaching the map required in B.3 below will help you with this answer.</i></p> <hr/> <hr/> <hr/> <hr/> <hr/>
B.3	<p>Map or aerial image</p> <p>Please provide a map or aerial image showing:</p> <p><input type="checkbox"/> The farm boundary, as per the legal description(s) above</p> <p><input type="checkbox"/> All areas in dairy farm land</p> <p><input type="checkbox"/> All areas in irrigated dairy farm land</p> <p><input type="checkbox"/> All areas that may be irrigated dairy farm land in future</p> <p><input type="checkbox"/> Within and near the areas that may be irrigated dairy farm land, identify:</p> <p> ○ Any critical source areas</p>

	<ul style="list-style-type: none"> ○ Any water bodies (including rivers, lakes, ponds and streams) ○ Any wetlands ○ Any subsurface drainage ○ Any bores or soakholes <p><i>These areas maybe within or outside the boundary of the farm.</i></p> <p><input type="checkbox"/> Nature of the terrain to be irrigated, including slope (flat, rolling, steep) and direction of slope</p> <p><input type="checkbox"/> A north symbol (oriented to the top of the page if possible) and scale bar</p>
<p>B.4</p>	<p>Additional information regarding the farm</p> <p>In addition to the map or aerial image required in B.5, you may also provide some photos of the areas of your farm that will be irrigated dairy farm land, and any critical source areas or waterways. You may also provide some photos of any previous/existing areas of irrigated dairy farm land, if these reflect how the proposed activity will be managed.</p> <p>Description of any photos included:</p> <hr/> <hr/> <hr/>

PART C: NATURE OF THE CONVERSION ACTIVITY

As consent to use land that is irrigated dairy farm land and to discharge contaminants from that land may be granted with a duration of several years, please identify all potential areas for conversion. We acknowledge that these details may change over time, but please provide your best estimate.

<p>C.1</p>	<p>Land to be irrigated</p> <p>What type of land will be used as irrigated dairy farm land in future?</p> <p><i>This includes how the land is currently managed, any waterbodies or other sensitive areas nearby, current stocking types and rates.</i></p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <p>Are any other consents required for the irrigation?</p>
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Consents may be required under Otago Regional Council's regional plans or the relevant district plans, for example to abstract water for irrigation.

Yes

No

Please detail any consent requirements, including permitted activities, and whether consent has been applied for, or is already held.

C.2 Irrigated dairy land use

Describe how irrigated dairy farm land is currently used on the farm

How will any new irrigated dairy farm land be used?

The addition of new irrigated dairy farm land on the farm may have significant changes on how the property is operated. Please describe any changes to the farm system that are likely to occur.

Are any other consents required for the ongoing irrigated dairy farm land?

Consents may be required under Otago Regional Councils regional plans, the relevant district plans, or the

Resource Management (National Environmental Standards for Freshwater) Regulations 2020, such as intensive winter grazing.

Yes

No

Please detail any consent requirements and whether consents have been applied for, and compliance with any relevant permitted activities,.

PART D: MANAGEMENT OF THE IRRIGATION ACTIVITY

D.1 How will you manage the new irrigated dairy farm land?

Please provide details of how you will manage irrigated dairy farm land. This may include:

- *how the irrigation will be managed*
- *any changing to stocking types, numbers and rates*
- *setbacks of the converted area to waterbodies or other sensitive areas*
- *riparian planting*
- *any offsetting or retirement of other areas within the farm*

Management strategies may change across conversion areas, so please be as specific as possible.

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PART E: ASSESSMENT OF ENVIRONMENTAL EFFECTS

E.1 Describe the actual and potential effects of the use of land for new irrigated dairy farm land may have on soil.
The use of land and discharge of contaminants from the irrigation of dairy farm land has the potential to impact soil structure, fertility and losses. In this section, describe how your management practices will ensure adverse effects on the soil are avoided or minimised as best possible.

E.2 **Effects on water quality**
 Describe the actual and potential effects the new irrigated dairy farm land may have on water quality. This includes ground and surface water quality.
The irrigation of dairy farm land has the potential to negatively impact water quality through leaching and run-off of nutrients and sediment. In this section, describe how your management practices will ensure adverse effects on water quality are avoided or minimised as best possible.

Will the irrigation activity will result in an increase in:

a. contaminants loads in the catchment, compared with loads as at the close of 2 September 2020?

OR

	<p>b. concentrations of contaminants in freshwater or other receiving environments, compared with the concentrations as at the close of 2 September 2020?</p> <p><i>Evidence of this may include discussion of inputs and outputs pre and post conversion, nutrient modelling for the farm pre and post conversion and known loads and/or concentrations as at 2 September 2020.</i></p> <p><input type="checkbox"/> Yes</p> <p><input type="checkbox"/> No</p> <p><u>If you answered yes, the consent authority is unable to grant your consent</u>, in accordance with clause 24 of the National Environmental Standards for Freshwater.</p> <p><u>If you answered no</u>, please explain why.</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
<p>E.3</p>	<p>Describe the cumulative effects of the new irrigated dairy farm land.</p> <p><i>Cumulative effects are effects which arise over time, in combination with other effects. While the effects of your activity on its own may be environmentally acceptable, cumulative effects recognise that similar effects over time from many activities may not be acceptable.</i></p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
<p>E.4</p>	<p>Describe the actual and potential effects the new irrigated dairy farm land may have on Kai Tahu cultural and spiritual beliefs, values and uses.</p>

	<p><i>Irrigated dairy farm land has the potential to impact Kai Tahu values. In this section, describe any nearby Rūnanga sensitive receptors (Statutory Acknowledgements, wāhi tapu etc), and how your irrigation activity might affect these features and the associated cultural values.</i></p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
<p>E.5</p>	<p>Describe the actual and potential positive effects of the new irrigated dairy farm land.</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>

PART F: ALTERNATIVES

<p>F.1</p>	<p>Have any alternatives to the irrigation of dairy farm land been considered? If so, why has irrigation been chosen over those alternatives?</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
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PART G: CONSULTATION

G.1

Please describe any consultation undertaken with persons/parties potentially affected by your proposed discharge.

Potentially affected parties may include Public Health South, landowners (if farm is leased), neighbours, Aukaha, Te Ao Marama, Fish and Game Otago and Department of Conservation.

G.2

Written approvals

Were any written approvals obtained as part of this application?

Yes

No

If yes, please describe who written approval was obtain from, and why.

Please attach any written approvals received to the application.

Please note that the Council only accepts unconditional written approvals and any conditions proposed by affected parties need to be agreed to and incorporated into the application.

PART H: DEPOSIT

A deposit is required upon lodgement of your application. Refer to the fees on Form 1. This deposit is not the final or maximum cost of your application. Further charges are incurred in accordance with Councils scale of fees and charges.

PART I: CHECKLIST

- I.1 Use the checklist below to ensure you've provided all of the relevant information to complete your application.
To keep consent processing costs to a minimum it is strongly recommended that the checklist is complete and all items required are attached before you lodge your application to the Otago Regional Council.
- Fully completed this application form and Form 1?
 - Attached Certificate of Title(s) less than 3 months old? Refer to B.1
 - Attached a detailed site map? Refer to B.3
 - Attached any relevant photos? Refer to B.4
 - Attached any written approvals? Refer to G.2
 - Paid your deposit or attached a cheque? Refer to Part H
 - Attached a completed planning assessment sheet, or an assessment of the activity against the relevant parts of the RMA, National Policy Statement for Freshwater Management 2020, Regional Policy Statement (Operative and Partially Operative) and Regional Plan: Water for Otago

CONTACT US

If you have any queries relating to the information requirements, please contact one of our Otago Regional Council Offices:

Dunedin: 70 Stafford St Private Bag 1954 Dunedin 9054 Phone 03 474 0827 Fax 03 479 0015	Alexandra: Dunorling St PO Box 44 Alexandra 9340 Phone 03 448 8063 Fax 03 448 6112	Queenstown: Terrace Junction 1092 Frankton Road Queenstown 9300 Phone 03 442 5681 Fax 03 442 5682
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