

Application for a Water Permit (PART B) To Take and Use Groundwater



environment
SOUTHLAND
REGIONAL COUNCIL
Te Taiao Tonga

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

A complete Part A form needs to be provided with this Part B form. The purpose of this Part B form is to provide applicants with guidance on information that is required under the Resource Management Act 1991. These forms are to act as a guide only and Environment Southland reserves the right to request additional information. **Please also refer to Appendix A of the Regional Water Plan for Southland, 2010 AND Appendix L of the proposed Southland Water and Land Plan 2018.**

How much will it cost to process my application?

Environment Southland's User Charges and Fees document is available at:

www.es.govt.nz/fees-and-charges

User Charges

Please note that additional Annual User Charges will apply to all consents.

How to pay

Environment Southland accepts payment in the forms of cash, Eftpos, or electronic transfer. All electronic transfers must include the applicant's name and "consent application" as a reference. Please make electronic payments to: Environment Southland, 01-0961-0018998-00 or online at www.es.govt.nz/online-services/online-payments.

To: Environment Southland
Private Bag 90116
Invercargill 9840

1 What is this application for?

a new groundwater take

the renewal of existing consent no: _____

2 What duration of resource consent is sought? _____ years

3 For what purpose(s) will the water be used?

Stock water and/or
dairy shed use

Irrigation

Community supply

Commercial/industrial

Others

*If others, please
describe:* _____

4 Please provide details of the bore(s) from which you wish to take water. If you do not have an existing bore, you will need to apply for a consent to construct a bore before you apply to take groundwater. Please refer to the relevant Part B form.

Bore 1: NZTM 2000 _____ E _____ N Bore number: _____
 Bore 2: NZTM 2000 _____ E _____ N Bore number: _____

	Bore depth (m)	Screen depth (m)	Diameter (mm)	Pump type	Pump capacity (l/s)
Bore 1					
Bore 2					

5 How much water do you propose to take and at what rate will it be taken?

Maximum rate of take _____ litres per second
 Maximum daily volume _____ cubic metres per day
 Maximum weekly volume _____ cubic metres per week
 Maximum monthly volume _____ cubic metres per month
 Maximum annual volume _____ cubic metres per year

6 What is the frequency of the proposed water take?

How many hours per day (maximum)? _____
 How many days per week (maximum)? _____
 How days per month (maximum)? _____

7 Please state the name of the aquifer that you propose to take water from.

8 Do you intend to store your water before subsequent use?

If yes, what/how much storage will be provided? _____ m³

What type of storage facilities are proposed? _____

You may need a building permit and/or additional resource consents for the construction of storage facilities.

9 What type of water metering system is installed or proposed to be installed? Environment Southland prefers all takes for 5 l/s or more to be fitted with telemetry to report in line with the Resource Management (Measurement and Reporting of Water Takes) Regulations 2010.

Water meter Data logger Telemetry

10 If you propose to use water for stock and/or dairy shed use – please answer the following:

(a) What type of animal and numbers of stock will be supplied with water for drinking?

<input type="checkbox"/>	Sheep	Number: _____	Water required: _____	litres/head/day
<input type="checkbox"/>	Beef cattle	Number: _____	Water required: _____	litres/head/day
<input type="checkbox"/>	Dairy cows	Number: _____	Water required: _____	litres/head/day
<input type="checkbox"/>	Other	Number: _____	Water required: _____	litres/head/day

(b) How much water do you require for your dairy shed? _____ litres/head/day

11 If you propose to use water to irrigate land – please answer the following:

(a) How many hectares of land will be irrigated? _____

(b) What is the soil type(s) of the land being irrigated _____

(c) What will you be irrigating (i.e. crop, pasture etc)? _____

(d) What type of irrigation system will be used? _____

(e) What is the target application rate (mm/day and mm/year)? _____

(f) How have you calculated the amount of water you need? (attach separate pages if required)

12 If you propose to use water for industrial use – please answer the following:

(a) What type of industry will be using the water and how will the water be used?

(b) How have you calculated the amount of water you need? (attach separate pages if required)

13 If you propose to use water for commercial/domestic supply – please answer the following:

(a) What type of establishment will use the water?

<input type="checkbox"/>	Households – number of households to be supplied:	<hr/>
<input type="checkbox"/>	Camping grounds – maximum number of visitors and staff per year:	<hr/>
<input type="checkbox"/>	Schools – maximum number of students and staff per year:	<hr/>
<input type="checkbox"/>	Motel units – number and expected occupancy:	<hr/>
<input type="checkbox"/>	Other: _____	<hr/>

(b) How have you calculated the amount of water you need? (attach separate pages if required)

14 If you propose to use water for any other purpose, please describe the amount of water you will need and how this has been calculated (please attach a separate sheet to this application, if necessary).

15 Please describe any other sources of water available for the property. Describe how much water is available and what it is used for.

16 Please also describe any measures you are proposing to minimise wastage of water and maximise its efficient use:

17 Does your proposed water take have any associated discharges? If yes, please describe.

Yes

No

Please note that a discharge into the environment may require a resource consent application to be made specifically for the discharge (please refer to the relevant Part B form).

Existing Environment

18 Are any of the following features found within the existing environment of the proposed activity? Describe these features in the space below, along with details of the assessment undertaken to determine the presence of these features.

	Yes	No
(a) Signs of instream life (e.g. fish, eels, bullies, crayfish, native birds, frogs)?		
(b) Areas where food is gathered from a water body (e.g. watercress, eels, wildfowl)?		
(c) Wetlands, wildlife habitats or bird nesting habitats (e.g. swamp areas)?		
(d) Other activities occurring in the area (e.g. commercial activity, fishing, swimming, boating)?		
(e) Areas of particular aesthetic, cultural, heritage or scientific value (e.g. archaeological sites)?		
(f) Waste discharges and/or monitoring sites?		
(g) Other water takes?		
(h) Surface water bodies? Natural springs?		

Please also include a map or aerial photograph showing the following:

- the location(s) of the existing points of take;
- the location of proposed points of take(s);
- the location of water measuring device(s);
- the total property area boundary;
- the area(s) to be irrigated (if relevant);
- the area(s) of community supply (if relevant);
- distances to any discharge activities;
- other surface water bodies and wetlands nearby and the distance from the point of take(s) to them;
- the coastline and the distance to it (if relevant);
- the location of any dairy sheds (if relevant).

Assessment of Effects

19 Will the take and use of groundwater have any effects on the following:

- (a) Aquifer storage volumes
- (b) Existing bore or well yields
- (c) River and stream flows, including minimum flows and allocation levels
- (d) Wetland and lake water levels
- (e) Groundwater quality

Yes	No

*For those answered **No** above, please describe why there will be no effects. For those answered **Yes**, please describe how these effects may occur.*

20 Pursuant to Schedule 4 of the Resource Management Act, 1991, there are a number of matters that must be addressed by an assessment of environmental effects. Please discuss what effects the proposed activity will have on the following:

- (a) any effect on those in the neighbourhood and, where relevant, the wider community, including any social, economic, or cultural effects

- (b) any physical effect on the locality, including any landscape and visual effects

- (c) any effect on ecosystems, including effects on plants or animals and any physical disturbance of habitats in the vicinity

- (d) any effect on natural and physical resources having aesthetic, recreational, scientific, historical, spiritual, or cultural value, or other special value, for present or future generations

(e) any discharge of contaminants into the environment, including any unreasonable emission of noise, and options for the treatment and disposal of contaminants

(f) any risk to the neighbourhood, the wider community, or the environment through natural hazards or the use of hazardous substances or hazardous installations

21 Please include a description of the monitoring or mitigation measures (including safeguards and contingency plans where relevant) to be undertaken to help avoid, reduce, remedy or mitigate the actual or potential effects on environmental features and values.

22 Please include a description of any possible alternative locations or methods for undertaking the activity and why these alternatives have not been selected.

23 Please include evidence of any consultation undertaken for this application. This may include (but not be limited to) consultation with adjoining landowners, other consent holders in the immediate area, iwi (e.g. Te Rūnanga O Ngāi Tahu, Te Ao Marama Inc.), government departments/ministries (e.g. DOC), territorial authorities and recreational associations.

24 Appendix A of the Regional Water Plan for Southland, 2010, details the level of further assessment required as part of your application. This may include the following assessments (please attach as a separate report):

- interference effects/drawdown;
- radius of influence;
- stream depletion effects;
- an assessment of the dynamic aquifer response to abstraction.

25 Appendix L of the proposed Southland Water and Land Plan, 2018 details the level of further assessment required as part of your application. This may include the following assessments (please attach as a separate report):

- aquifer test requirements;
- stream depletion effects;
- interference effects;
- calculation of seasonal groundwater allocation;
- establishing allocation volumes for confined aquifers.

Please note that in accordance with Schedule 4 of the RMA, you must provide an assessment of whether or not the proposed activity is contrary to any of the relevant provisions of the following documents.

- (a) [Regional Water Plan for Southland, 2010](#) (and any proposed/subsequent versions)
- (b) [proposed Southland Water and Land Plan \(Appeals Version\), 2018](#) (and any proposed/subsequent versions)
- (c) [Resource Management \(National Environmental Standards for Freshwater\) Regulations 2020](#)
- (d) [National Policy Statement for Freshwater Management, 2020](#)
- (e) [Southland Regional Policy Statement, 2017](#) (and any proposed/subsequent versions)
- (f) [Resource Management \(National Environmental Standards for Sources of Human Drinking Water\) Regulations, 2007](#)
- (g) [Resource Management \(Measurement and Reporting of Water Takes\) Regulations 2010](#)

The assessment required must be sufficient for your proposal's location, scale and complexity. We invite you to come in for a pre-application meeting with Environment Southland consents staff to discuss this. The assistance on any application or proposal is free for up to an hour, with subsequent assistance being charged according to the Environment Southland Fees and Charges schedule.

END OF FORM