

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



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 K 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

When the consent has been processed you will receive an invoice for an additional fee, or for a refund.

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 surface water 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
 Other

If other, please describe: _____

4 What type of water body(s) do you intend to take water from?

River/stream/creek

Spring

Pond

Lake

Please refer to the Southland Regional Water Plan for definitions of these terms.

5 What is the name of the water body(s) of the proposed take(s)? *Note: if the water body is unnamed then please note this and state which water body it flows into.*

6 What are the GPS co-ordinates of the point(s) you propose to take water from?

Point 1: NZTM 2000 _____ E _____ N

Point 2: NZTM 2000 _____ E _____ N

7 Please describe your proposed method to take and use the surface water: *e.g. pumped take or gravity reticulation, what sort of intake structure, irrigation method etc.*

8 Please state the maximum capacity of the pump/the maximum flow capacity of the intake structure:

_____ l/s

9 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

10 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)? _____

11 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.

12 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

13 If the take is from a river, stream, creek or modified watercourse, please answer the following:

What is the minimum flow – determined as per Appendix K of the proposed Southland Water and Land Plan (pSWLP)? _____ l/s

14 If the take is from a lake or pond, please answer the following:

(a) What is the minimum flow – determined as per Appendix K of the pSWLP? _____ l/s

(b) What is the main source of water that fills the lake/pond?

<input type="checkbox"/>	Rainfall	<input type="checkbox"/>	Springs	<input type="checkbox"/>	Runoff from surrounding land
<input type="checkbox"/>	Streams/rivers	<input type="checkbox"/>	Groundwater	<input type="checkbox"/>	Other

15 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

16 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)

17 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)

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

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

19 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).

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

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

22 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

23 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)?	<input type="checkbox"/>	<input type="checkbox"/>
(b) Areas where food is gathered from a water body (e.g. watercress, eels, wildfowl)?	<input type="checkbox"/>	<input type="checkbox"/>
(c) Wetlands, wildlife habitats or bird nesting habitats (e.g. swamp areas)?	<input type="checkbox"/>	<input type="checkbox"/>
(d) Other activities occurring in the area (e.g. commercial activity, fishing, swimming, boating)?	<input type="checkbox"/>	<input type="checkbox"/>
(e) Areas of particular aesthetic, cultural, heritage or scientific value (e.g. archaeological sites)?	<input type="checkbox"/>	<input type="checkbox"/>
(f) Waste discharges and/or monitoring sites?	<input type="checkbox"/>	<input type="checkbox"/>
(g) Other water takes?	<input type="checkbox"/>	<input type="checkbox"/>

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

- the location(s) of the existing points of take
- the location(s) of the proposed points of take
- the location of water measuring device(s) or system(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

Assessment of Effects

24 Will the take and use of surface water have any effects on the following:

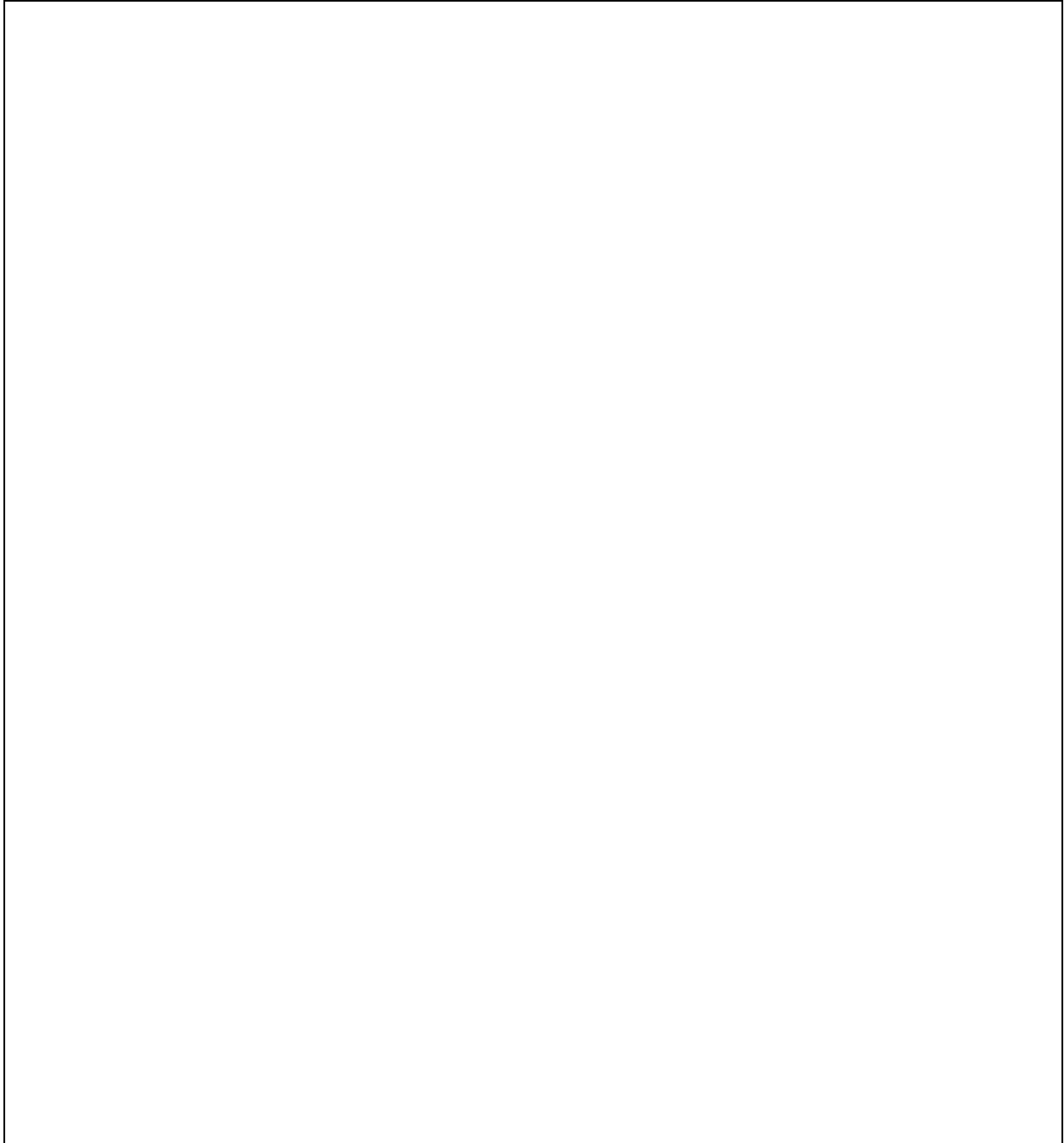
- (a) Water quality, including temperature
- (b) Water availability and reliability to other users
- (c) River and stream flows, and wetland/lake/pond water levels

Yes	No
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

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

25 Based on the assessment of minimum flow, as per Appendix K of the proposed Southland Water and Land Plan, please assess the following:

- (a) In situations where the total volume of surface water allocation is between 10 and 30 percent of the Q95 at any downstream point in the catchment as determined by the Southland Regional Council, please include an assessment of effects using **Method 1 - Assessment using Generalised Habitat Models**, as per Appendix K of the pSWLP; or
- (b) In situations where the total volume of surface water allocation will breach 30 percent of the Q95 at any downstream point in the catchment as determined by the Southland Regional Council, please include an assessment of effects using **Method 2 - Assessment using Instream Habitat Flow Incremental Methodology**, as per Appendix K of the pSWLP.



26 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

27 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. This must include:

- fish screening on the intake structure;
- measures for when minimum flow restrictions are in place;
- management of the take in accordance with flow sharing restrictions.

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

- 29 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.

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