Application to Discharge to Land (PART B) (non-dairy activity)

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

environment SOUTHLAND REGIONAL COUNCIL
Te Taiao Tonga

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 the proposed Southland Water and Land Plan, 2018.**

To: Environment Southland
Private Bag 90116
Invercargill 9840

1 What is this application for?

☐ The discharge of contaminants to land where it may enter water

☐ The discharge of contaminants to land

2 What duration of resource consent is sought? _____ years

3 Please describe the proposed activity:

4 Please describe the following elements of the proposed discharge to land:

(a) The chemical content (including heavy metals or toxic substances, nitrates, ammonia and dissolved reactive phosphorous)

(b) Number of discharge points _____

(c) Location/area of each discharge point _____

(d) Maximum rate/thickness of application _____

(e) If the proposed discharge is continuous or intermittent _____

5 What is the proposed frequency and seasonality of discharge (e.g. hours, days, weeks and months that the discharge will occur). Please describe any variations, where appropriate.

6 Has there been any discharge monitoring carried out in relation to this proposal, or do you have access to any background monitoring? If yes, please describe and attach results.

7 What is the depth to groundwater beneath the disposal area? Please also discuss seasonal variations in groundwater depth.

8 Has a subsoil investigation been carried out? ☐ Yes ☐ No

Note: All bore holes and test pits should be drilled in the location of the proposed disposal field and/or reserve area and their location marked on the appended site plan. Generally a minimum of three bore holes or test pits are required for soil category assessment. A separate resource consent may be required for your investigative bore(s).

9 Please provide details of the investigation bore(s)/test pits.

☐ Test pit (maximum depth) _____ m No of test pits _____

☐ Bore hole (maximum depth) _____ m No of bore holes _____

☐ Other (specify)

☐ N/A

10 Has percolation or soil infiltration testing been carried out and is the test report attached?

☐ No

☐ Yes, please specify method

K value: _____

11 What is the discharge site soil category (based on the dominant soil type in the first 1 m depth)?

Soil Category	Description	Tick
1	Gravels and sands	
2	Sandy loams	
3	Loams	
4	Clay loams	
5	Light clays	
6	Medium to heavy clays	

Existing Environment

12 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 watercourses (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 or scientific value (e.g. archaeological sites)?		
(f) Other waste discharges, any water takes and/or monitoring sites?		

Please also include a map or site plan (and photographs if necessary) showing the location of roads and property boundaries, water bodies, wetlands and other wildlife habitats, buildings and residential properties, location of discharge points, any registered drinking water takes, and the location of any sensitive sites (e.g. historic places, sites of importance to iwi, public gathering areas etc.) in proximity to the site.

Assessment of Effects

13 Please describe any possible long term or short term effects the discharge may have on the quality of the receiving environment and including effects on water bodies, biota (plant and animal life), soil quality, and odour and dust effects.

14 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

15 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. For example, if relevant, please include the following:

(a) treatment of the contaminants prior to discharge;
(b) buffer distances from water bodies, sloping land, site boundaries;
(c) details of any storage to be provided to enable deferred irrigation;
(d) a description of the monitoring system to be used for checking and recording the quality and quantity of the discharge. Please include how and when the monitoring will occur, and by whom; and
(e) contingency planning – describe how the equipment controlling the discharge will be operated and maintained to prevent equipment failure, and what measures will be implemented to ensure that the effects of any malfunction are remedied.

16 Please justify the term of consent sought with regard to any effects on the environment.

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

18 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) Regional Effluent Land Application Plan for Southland,1998 (and any proposed/subsequent versions)
(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

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