

Resource Consent Application for the Discharge of Agricultural Effluent (PART B)

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.

Section A: Application details

1. Please provide details of your existing resource consent to discharge agricultural effluent:

- (a) Consent number _____
- (b) Expiry date _____

2. What is the maximum number of animals from which you propose to collect effluent from under this resource consent application?

_____ animals

Note: if you wish to increase the size of your milking herd, this form is not suitable for your use. Please contact Environment Southland staff for more information.

Section B: Location of discharge and description of surrounding environment

3. Location of the proposed discharge:

- Address: _____
- Map reference: _____
- Legal description _____

4. Please complete the following tables which tell us about your property and effluent disposal area. Information can be found on the Environment Southland Website in the Beacon application, or by contacting Environment Southland.

Property Details:-	
Total Farm Area (ha)	
Effective Farm Area (ha)	
Size of effluent disposal area (ha)	
Stocking rate	
Freshwater Management Unit	

Effluent Disposal Area Details					
Soils	Soil Type	Vulnerability Factors			
		Structural Compaction	Nutrient leaching	Waterlogging	
FDE land classification	Category A – Artificial Drainage or coarse soil structure				
	Category B – Impeded drainage or low infiltration				
	Category C – Sloping land (over 7 degrees)				
	Category D – Well drained flat land				
	Category E – Other well drained but very stony flat land				
Physiographic zone (s)	Zone	Contaminant pathway(s) for Physiographic zone			

5. Are there any permanent or intermittent rivers, streams, lakes, drains, ponds or wetlands within 20 metres of the discharge area?

- Yes (Go to question 6)
- No (Go to question 7)

6. Features of the rivers, streams, lakes, drains, ponds or wetlands within 20 metres from the discharge area include:

- (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) bird nesting habitats
- (d) areas of particular aesthetic, cultural, heritage or scientific value (e.g. archaeological sites)

Yes	No

7. Are there any bores or soak holes within 20 metres of the discharge area?

Yes No

8. Are you proposing to discharge effluent within:

- (a) 20 metres of any lakes, rivers, ditches, drains, wetlands, or the coastal marine area?
- (b) 200 metres of a house on a neighbouring property or a public place such as a school or community hall?
- (c) 20 metres of a property boundary?
- (d) 100 metres of a bore?

Yes	No

8.1 If you are proposing to discharge effluent within these distances, what (if any) are the separation distances you are proposing?

- (a) surface waterbodies
- (b) artificial watercourses
- (c) subsurface drains
- (d) the coastal marine area
- (e) residential dwellings and places of assembly
- (f) landholding boundaries
- (g) water abstraction points
- (h) registered drinking water supplies

Metres from discharge area

9. Please attach a scaled farm plan or a coloured aerial photograph, showing:

- farm boundaries;
- paddock boundaries;
- effluent disposal paddocks (numbered and size in hectares);
- irrigation system layout;
- tile drains/mole drains;
- streams, rivers, farm drains, springs and wetlands;
- bores within 100 m of the disposal area;
- any known water abstraction points within 100 m of the disposal area;
- buildings (houses, sheds, wintering pads) and/or other places of assembly;
- effluent storage pond(s) and any effluent treatment infrastructure;
- cow races;
- dairy shed location;
- any other discharge areas (such as whey);
- any areas prone to flooding;
- any swampy areas (i.e. where water builds up in the sediments close to the ground surface above layers of poorly draining soils) within the discharge area.

Section C: Description of proposed activity

10. Dairy shed effluent

- (a) How many cows will be milked each day? _____
- (b) How many times per day will you milk (maximum)? once/twice/three times per day
- (c) What is the length of the milking season? (please include dates) _____ days

(dates)
- (d) What is the volume of wash down effluent generated per day? _____ (litres/day)

11. Winter milking

- (a) Does your milking season include winter milking? _____
- (b) If yes, what is the number of cows to be milked in winter? _____ cows
- (c) How many times per day will you milk once/twice/three times per day
- (d) Dates of winter milking season _____ (provide dates)

12. Feed pad/wintering pad/stand-off pads

- (a) Number of cows on feed/wintering/stand-off pad _____ cows
- (b) What is the size of the area? _____ square metres
- (c) Is the feed/wintering/stand-off pad roofed? _____ Yes/No
- (d) Is rainwater diversion in place? _____ Yes/No
- (e) Is it mechanically swept? _____ Yes/No
- (f) If it is washed down, amount of water used _____ litres/day
- (g) How is effluent from this facility disposed of? _____
- (h) Intended length of time the area is to be used _____ days per year

13. Please describe any other sources of effluent that is collected for discharge e.g. stock underpasses and silage pads