

Resource Consent Application Form 23

Discharge of animal waste to land



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

Phone: 0800 474 082

Website: www.orc.govt.nz

IMPORTANT NOTES TO THE APPLICANT

This form is to be used for the discharge of animal waste to land. Ensure that you complete this Application Form 23 and Resource Consent Application Form 1 in full.

Please Note: The discharge of animal waste to water is prohibited

In addition to this consent you may also require consent to use land for an animal waste system. Refer Application Form 24 for details.

Please refer to the **Animal Waste Systems Factsheet** for additional information about the discharge of animal waste to land.

The application will be assessed in terms of potential adverse effects on soil loss, water quality and cultural values.

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

A.1 Is this application (*tick which applies*):

for a NEW consent to discharge animal waste?

to REPLACE a current discharge consent?

Discharge consent number: _____

Expiry date: _____

A.2 Are you already discharging animal waste to land?

Yes

No

If no, when do you intend to commence discharging animal waste?

A.3 Is the animal waste system associated with your discharge permitted or consented?

All animal waste systems will need to satisfy the conditions of a permitted activity rule or be authorised via a resource consent. If you're unsure if your animal waste system requires resource consent, please refer to the animal waste factsheet.

Yes, permitted under Rule 14.7.1.1

Yes, permitted under Rule 14.7.1.2 but now needs consent

Yes, consented

Land use consent number: _____

No

If no, when do you intend to apply for consent for your animal waste system?

If both components of your animal waste system require consent, we recommend you apply for both consents at the same time, so we can assess your system in its entirety.

PART B: LOCATION OF THE DISCHARGE

B.1 Landholding on which the animal waste will be discharged

A landholding is defined as either land in a single certificate of title, land in two or more adjoining certificates of title with a common occupier, or all contiguous land acquired under one instrument of conveyance and occupied by a common occupier.

a. Name of owner(s)

b. Address/Location

c. How big is the landholding?

_____ hectares

d. Legal description(s) of the landholding (as shown on Certificate of Title)

e. Please attach a current Certificate of Title to the application

Yes, Certificate of Title attached

B.2 Discharge area

As your consent to discharge animal waste may be granted with a duration of several years, please identify all areas of land onto which your animal waste may be discharged, as well as how much of this land will be used each year.

a. How big is the total discharge area?

_____ hectares

b. How much land will be used for discharging animal waste each year?

_____ hectares

B.3 Please provide a map or aerial image showing:

- The landholding boundary, as per the legal description(s) above
- All areas that may be used for discharging animal waste
- Within and near the area used for discharging animal waste, identify:
 - Any waterways (including rivers, lakes, streams, ponds, drains and water races)
 - Any wetland areas
 - Any subsurface drainage
 - Any bores or soakholes
 - Any water supplies used for human consumption
 - Any critical source areas
 - Any dwellings
- Soil types within the discharge area
- Nature of the terrain within the discharge area, including slope (flat, rolling, steep)
- A north symbol (oriented to the top of the page if possible) and scale bar

B.4 In addition to the map or aerial image required above, you may also wish to provide some photos of your existing or proposed animal waste discharge area.

B.5 Nearby sensitive receptors

Any sensitive receptors (as per table below) should be identified on the map required under B.3. Please fill out the table below to clearly identify the setback distance from the discharge area to sensitive receptors, and any others not marked on the plan.

- a. Please fill out the table below to identify any sensitive receptors near the animal waste system

Sensitive receptor	Specific details about the sensitive receptor*	Setback to discharge area
Property boundary		
Dwelling inside boundary		
Dwelling outside boundary		
Bore		
Bore used for human consumption		
Soakhole		
River		
Lake		
Regionally significant wetland		
Other waterbody not listed above		
Subsurface drainage		
Springs		
Fish habitat		
Other		

* Details might include address of dwellings, bore numbers, waterbody names, reserve names, types of habitat present

B.6 Soil types on the property

If you're unsure what soil types are present within your discharge area, you can use the Landcare Research S-Map soil database to find the information required below.

- a. Please fill out the table below to identify the soil types present within the discharge area

Soil name	Soil type	Soil drainage	Profile available water	FDE category
<i>eg Eure_22a.1</i>	<i>Deep silt loam, undulating</i>	<i>Poor</i>	<i>Very high</i>	<i>C</i>

B.7 Existing water quality

- a. If known, what is the current state of water quality in the water bodies within or near your discharge area?

This includes visual clarity, contaminant concentrations, periphyton or algal growth

B.8 Groundwater levels

a. If known, what are the groundwater levels on or near your discharge area?

PART C: NATURE OF THE ANIMAL WASTE DISCHARGE

This application is only for the discharge of animal waste. The details of how you collect and store the animal waste will be covered by a separate application, if required.

C.1 Source of animal waste

a. Is the animal waste to be discharged generated on the same property?

Yes

No

If no, where is the animal waste sourced?

C.2 Discharging animal waste

a. How do you discharge animal waste?

For example, low rate pods, travelling irrigator, pivots, underslung lines, tanker.

b. What is your maximum application rate and depth?

Low rate application methods tend to discharge at a rate of no more than 10 mm/hr, while high rate methods tend to discharge over 10 mm/hr. If your application rate and/or depth is likely to be variable based on conditions, please provide the maximum application rate/depth that will be applied.

Please Note: Proposed Plan Change 8 to the Water Plan directs all new discharges of animal waste to use low rate application systems. If your application rate is more than 10 mm/hr, you will need to carefully assess the potential for ponding and overland flow to waterbodies in Part E of this form.

c. How often do you/will you discharge effluent to the same area (return period)?

PART D: MANAGEMENT OF THE ANIMAL WASTE DISCHARGE

D.1 Management of the animal waste discharge

a. How do you decide when to discharge animal waste?

For example, looking at weather forecasts, utilising soil moisture monitoring on farm, soil moisture monitoring data nearby, visual assessment, length and bulk of pasture.

b. What checks or contingency measures do/will you have in place in case of a failure of the discharge system?

For example, do you have an emergency shut off system?

D.2 Animal waste system management plan

The requirement for an animal waste system management plan can be combined under you discharge consent and land use consent (if you require it). This means your management plan will cover your entire animal waste system, from collection to discharge.

a. Do you have an existing animal waste system management plan?

- Yes
- No

If yes, please provide a copy with your application.

b. If you answered no above, do you agree to prepare and implement one as part of your conditions of consent?

- Yes
- No

c. If you answered no above, why?

PART E: ASSESSMENT OF ENVIRONMENTAL EFFECTS

In assessing the potential effects of the discharge of animal waste, the key effects council staff will look at are the effects on water quality, effects on soils, and effects on Kai Tahu cultural and spiritual beliefs, values and uses.

E.1 Describe the actual and potential effects your discharge of animal waste may have on water quality. This includes ground and surface water quality.

The discharge of animal waste to land has the potential to negatively impact water quality through application beyond the soil's water holding capacity, overland flow, ponding and inappropriate setbacks to waterbodies. In this section, please also describe how you will ensure effects on water quality are avoided or minimised as best possible.

For example, the discharge will not occur when the soil is at or near field capacity, using soil moisture monitoring.

E.2 Based on the discussion above, will your discharge be managed to ensure that, after reasonable mixing, all or any of the following effects in receiving waters does not occur?

Taken from s107 of the Resource Management Act

- a. **The production of any conspicuous oil or grease films, scums or foams, or floatable or suspended materials;**
- b. **Any conspicuous change in the colour or visual clarity;**
- c. **Any emission of objectionable odour;**
- d. **The rendering of fresh water unsuitable for consumption by farm animals; and/or**
- e. **Any significant adverse effects on aquatic life**

Yes

No – If the activity will result in any of these effects, the discharge is prohibited and unable to be consented.

E.3 Describe the cumulative effects of your discharge of animal waste.

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.

E.4 Describe the actual and potential effects your discharge of animal waste may have on Kai Tahu cultural and spiritual beliefs, values and uses.

The discharge of animal waste to land has the potential to impact Kai Tahu values. In this section, provide a discussion on any Rūnanga sensitive receptors nearby (Statutory Acknowledgements, wāhi tapu sites etc), and how your discharge might affect these features and the associated cultural values.

E.5 Describe the actual and potential positive effects of your discharge of animal waste.

PART F: ALTERNATIVES

**F.1 Have you considered alternative methods of discharge or locations of discharges?
Please provide details of any alternatives considered, and the reasons for choosing the proposed method and location of discharge.**

PART G: CONSULTATION

G.1 Please describe any consultation undertaken with persons/parties potentially affected by your proposed discharge.
Parties may include Public Health South, landowners, neighbours, Aukaha, Te Ao Marama, Forest and Bird, Fish and Game Otago and Department of Conservation.

G.2 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.

H.1 Deposit Enclosed

- Yes
- No

PART I: CHECK LIST

I.1 Use the checklist below to ensure you've provided all of the relevant information to complete your application.

- Fully completed this application form and Form 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 H.1*
- Attached Certificate of Title(s) less than 3 months old? *Refer to B.1*
- An assessment of the activity against the relevant parts of the RMA, Regional Policy Statements, NPS's, NES's and Water Plan. See policy sheet.

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.

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

Freephone: 0800 474 082
Website: www.orc.govt.nz