Resource Consent Application Form 29

Use of land for the construction, use and maintenance of a component of an animal effluent system such as a weeping wall or sump (new and existing)

Otago Regional Council

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 use of land for the construction, use and maintenance of a component of an agricultural effluent storage facility that is not an animal effluent storage facility**. This form is to be used for an existing or new sludge bed, weeping wall, stone trap or similar that is not a permitted activity under Rule 14.7.1.1A of the Regional Plan Water.** Please use form 24 for consent for your pond or tank.

PART A: GENERAL

1. Location of the proposed or existing component of an animal effluent system:

Address	
Map reference in NZTM 2000 for the four corners of the proposed or existing component of an animal effluent system. *Use New Zealand Transverse Mercator (NZTM) e.g., E1336382 N4984920. If possible, use a Geographic Positioning System (GPS) device to obtain a map reference accurate to 10 metres. The northing follows the easting.*	
Legal descriptions of where you will construct your component of an animal effluent system/where it already is (please include an up to date Certificate of Title).	

2. What existing component of an animal effluent system do you have in place/ are you constructing, using and maintaining?

- ☐ Weeping wall
- ☐ Sludge bed
- ☐ Stone trap
- ☐ Sump

☐ Other (please specify)

3. If your component of an animal effluent system is already constructed, when was it completed?

4. If your component of an animal effluent system is yet to be built, when do you intend to have it ready for use?

5. If you will line the structure, how will you do this?

☐ Compacted clay synthetic liner
☐ Concrete
☐ Other (please state)

6. Proposed total volume of the sump/stone trap/weeping wall/other (cubic metres)

SECTION B: CONSTRUCTION DETAILS

7. Please answer the following about the structure you are building or that is already there that needs consent:

Question	Response	Comments
The design of the component, and any leak detection system has been certified by a Suitably Qualified Person as being in accordance with the relevant parts of IPENZ Practice Note 27	Yes/no	Please include a copy of this certification

8. If the structure will not be/has not been constructed and installed in accordance with IPENZ practice note 27 please provide an explanation of the departure from the standards and why this is necessary

9. Please provide some photos (if existing) and technical drawings of your proposed sludge bed/weeping wall etc that includes but is not limited to the height of the embankments, placement and orientation of the storage relevant to flood flows and stormwater run off.

10. Please provide the below information about who will design and build/who built the structure:

Name designer	
Brand of structure (if applicable)	
Name of builder	
Name of construction supervisor	
Confirmation that the component is designed is a Suitably Qualified Person (see schedule 20 at the back of this form)	Yes/No
Proposed timing of construction	

11. Please provide a description of all of the sources of waste-water, sludge or effluent to be treated or conveyed by the component of an animal effluent system, including the volume and nature of the liquid that will enter.

12. Please provide details of the proximity of the component of an animal effluent system to the below:

Nearest surface watercourse	Metres
Nearest artificial watercourse	Metres
Drinking water supply	Metres
Soak hole	Metres
Nearest underground drain (excluding a leak detection system)	Metres
Property boundary	Metres
Road	Metres
Dwellings on neighbouring properties	Metres
Coastal marine area	Metres
Regionally Significant Wetland	Metres
Bore	Metres

Historic heritage site	Metres
Site of cultural significance to Kai Tahu	Metres
Natural wetland	Metres

13. If your component of an animal effluent system is within 50 m of a river, lake, Regionally Significant Wetland, bore or soak hole; 90 metres of a water supply used for human consumption or above subsurface drainage then please complete the below question 14 and 20. If not, please proceed to question 15.

14. Features of the rivers, streams, lakes, drains, ponds or wetlands within 50 metres from the construction site of the component of an animal effluent system:

signs of instream life (e.g. fish, eels, bullies, crayfish, native birds, frogs)	yes/no
areas where food is gathered from a water body (e.g. watercress, eels, wildfowl)	yes/no
bird nesting habitats	yes/no
areas of particular aesthetic, recreational, cultural, heritage or scientific value (e.g. archaeological sites)	yes/no

SECTION E MANAGEMENT OF THE ACTIVITY

15. Please attach a copy of your Farm Management Plan that details the below. Information in this plan is needed to assess your application, if this information is not included then we will ask you for it. This plan can be a draft management plan, that is finalised once consent is approved. It can also be an existing Management Plan that has been updated to include the below information that is required under Schedule 21 of the Regional Plan Water. The Management Plan must contain the following:

☐ Physical address of where the animal effluent system is located, and the land where liquid or solid animal effluent is to be applied,

☐ A description of the landholding ownership, and the contact details of the owner and the person in charge, (c) legal description(s) of the landholding

☐ A list of all the relevant resource consents held for the landholding and their expiry dates,

☐ A map(s) or aerial or satellite photograph(s) showing the locations of:
- the boundaries of the landholding,
- the location of any dairy shed, animal effluent storage facilities, and any other components of an animal effluent system,
- lakes, rivers, natural wetlands, bores, soak holes, the coastal marine area, water supply for human consumption and dwellings within the landholding,
- the area of land where liquid or solid animal effluent is to be applied, and in relation to this area:
  - soil types and their risk profile[1] ,
  - any critical source areas and the locations of known subsurface drains.

☐ Operational procedures for using and maintaining the animal effluent system and for managing the discharge of animal effluent,

☐ Inspection, monitoring and reporting requirements and timeframes,

☐ Contingency measures to prevent the discharge of liquid or solid animal effluent to a water body, an artificial watercourse, or the coastal marine area, either directly or indirectly,

[1] Footnote 1: A digital soil map for New Zealand can be found online at https://smap.landcareresearch.co.nz

☐ Identification of measures to be taken to respond to a leak and the timeframe for response; including, for animal effluent storage facilities with a leak detection system where a leak is detected, a requirement for an assessment by a Suitably Qualified Person to be undertaken as soon as practicable and no later than two months of the detection to determine whether the leak is within the normal operating parameters of the pond, and

☐ Responses to any other system failures or emergencies, including timeframes for response.

PART E: ASSESSMENT OF ENVIRONMENTAL **EFFECTS**

16. Describe the actual and potential effects your use of land for a component of an animal effluent system may have on water quality. This includes ground and surface water quality.

    For example, the use of land for a component of an animal effluent system, including construction, use and maintenance has the potential to negatively impact water quality through seepage, leaks in the facility, or in case of system failures or power cuts. However, the component has been designed by a suitably qualified person, is located away from waterways and will not intercept groundwater. During construction the site will be managed to ensure material does not enter any waterways.

17. Describe the actual and potential effects your use of land for a component of an animal effluent system may have on flood flows and stormwater run-off and the hight of the embankments and placement of the facility relative to flood flows and stormwater run-off.

    For example, the use of land for a component of an animal effluent system has the potential to disrupt flood flows and stormwater run-off, in comparison to when the area used was undeveloped. The design and location ensures effects on flood flows and stormwater run-off are avoided or minimised as best possible. Preferential flow paths will not be disrupted and stormwater is collected by the animal effluent storage facility.

18. Describe the measure used to avoid, remedy or mitigate adverse effects on Kai Tahu cultural and spiritual beliefs, values and uses.

    For example, the construction of the component of an animal effluent system will enable effluent to be discharged when soil moisture conditions are suitable, reducing the risk of effluent entering waterways or the over application of effluent. The site of

the pond/tank is not close to waterways and there are no wāhi tapu sites or areas of cultural significance in proximity to the construction site.

19. Describe the positive effects of your use of land for a component of an animal effluent system

    For example, the construction of the component of an animal effluent system enables the deferring of the discharge of effluent until soil moisture conditions are suitable. The farm also provides for employment for works and contributes to the social wellbeing of the community.

20. **Only answer this question if you answered question 13 above, otherwise do not do this section.** Describe the cumulative effects of your use of land for a component of an animal effluent system.

    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.

SECTION I: CONSULTATION

21. Please describe any consultation undertaken with persons/parties potentially affected by your proposed discharge. You do not need to consult, but if you do please include evidence of this.

22. **Please attach any written approvals received to the application.** Council only accepts unconditional written approvals and any conditions proposed by affected parties need to be incorporated into the application. *Council only accepts unconditional written approvals and any conditions proposed by affected parties need to be incorporated into the application. You do not need to do this at this stage – check with Council first.*

PLANNING ASSESSMENT

23. The Resource Management Act 1991 requires you to make your own assessment of your proposal against relevant policies. A separate planning assessment sheet is available to use, or you can do your own assessment. An assessment must be included with your application.

SECTION J: CONSENT DURATION

24. Policy 7.D.7(e) provides direction that consent duration for this type of activity should be 10 years. If you want your consent to be longer than 10 years please provide reasons as to why this is justified.

☐10 years ☐ Other (please specify and explain why below)

SECTION K: CHECK LIST

Use the checklist below to ensure you've provided all of the relevant information:

- ☐ Fully completed this application form and Form 1?
- ☐ Attached a management plan?
- ☐ Paid your deposit?
- ☐ Attached a detailed site map?
- ☐ Attached any relevant photos?
- ☐ A policy assessment
- ☐ Attached your DESC
- ☐ Attached your storage plans