

ASSOCIATED NOTES

APPLICATION FOR RESOURCE CONSENT TO DISCHARGE DAIRY SHED EFFLUENT & TO STORE DAIRY SHED EFFLUENT

NATURAL RESOURCES REGIONAL PLAN (NRRP)

There are **five** rules in the NRRP that are relevant to the storage and discharge of dairy effluent from a dairy shed.

To determine whether you require resource consent, please read each condition in every rule and place a '✓' in the appropriate box to say either Yes, I can comply with this condition, or No, I cannot comply with this condition.

If you are unsure of what any condition means, please contact Customer Services on (03) 353-9007 or toll free 0800 EC INFO (0800 324 636).

Rule WQL25 Discharge of animal effluent or water containing animal effluent and other contaminants onto land

All new applications to discharge dairy effluent require consent under this rule.

Rule WQL23 Discharge of solid animal waste onto production land

Note: This rule covers the solid material collected in the stone trap, sump or pond.

Conditions	Can you comply?	
1. The material discharged shall be in a solid or semi-solid state.	<input type="checkbox"/> Yes	<input type="checkbox"/> No
2. The discharge shall not contain any hazardous substance or hazardous waste.	<input type="checkbox"/> Yes	<input type="checkbox"/> No
3. The material shall not be discharged onto the same area of production land more frequently than once every two months.	<input type="checkbox"/> Yes	<input type="checkbox"/> No
4. The material shall be spread onto land as evenly as is practicable.	<input type="checkbox"/> Yes	<input type="checkbox"/> No
5. The material shall not be discharged onto land within: (a) 40 metres of the bed of a lake; or (b) 20 metres of a bore; or (c) 10 metres of the bed of a permanently flowing river or artificial watercourse, a wetland boundary other than of a wetland constructed primarily to treat animal effluent, unless the material is worked into the ground immediately after discharge and the activity complies with Rule WQL30.	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
6. The material shall not be discharged onto land where the soil moisture exceeds field capacity	<input type="checkbox"/> Yes	<input type="checkbox"/> No
7. Within the Christchurch Groundwater Protection Zone 1, or Zones 1A, 1B, 1C or 1D or Zone 2, any discharge shall be limited to an existing discharge that was lawfully established at the time this rule becomes operative.	<input type="checkbox"/> Yes	<input type="checkbox"/> No

- If you have answered **Yes to every condition** under Rule WQL23 then you **DO NOT** require a resource consent to discharge solid animal waste onto production land.
- If you have answered **No to any condition** under Rule WQL23 then you **WILL require resource consent** to discharge solid animal waste onto production land.

Rule WQL24 Use of land for a stockholding area

Conditions	Can you comply?	
1. There shall be no discharge of liquid animal effluent, washdown water or stormwater containing animal effluent, from a stock holding area onto land except by means of an authorised animal effluent collection and storage system [see Rule WQL25].	<input type="checkbox"/> Yes	<input type="checkbox"/> No
2. The base of any stock holding area located on land over an unconfined or semi-confined aquifer shall be sealed with a synthetic liner or concrete or compacted clay or other material of low permeability, such that seepage into land shall not exceed one millimetre per day.	<input type="checkbox"/> Yes	<input type="checkbox"/> No
3. There shall be no discharge of animal effluent, washdown water or stormwater containing animal effluent from a stock holding area to: (a) A river, lake or artificial water course; or (b) Groundwater via a bore; or (c) A wetland, other than a wetland constructed primarily to treat animal effluent.	<input type="checkbox"/> Yes	<input type="checkbox"/> No

- If you have answered **Yes to every condition** under Rule WQL24, then you **DO NOT** require resource consent to use a stock holding area.
- If you have answered **No to any one or more of these conditions**, then you **WILL require resource consent** to use a stock holding area. The deposit required for this resource consent is \$483 (incl. GST) when applied for at the same time as a consent application to discharge animal effluent. If applied for separately, the deposit required is \$1472 (incl. GST).

Rule WQL26 Use of land for storing animal effluent

Conditions	Can you comply?	
1. The total volume of effluent or organic waste matter stored on a property: (a) Shall not exceed 1,500 cubic metres; and (b) For facilities from which the effluent or waste is to be discharged onto land, shall include sufficient capacity to store: (i) At least the maximum volume of effluent or waste produced in any consecutive 3-day period; and (ii) The volume of stormwater runoff from any collection area draining into the facility from a rainstorm event with an Annual Exceedance Probability of 20 percent (a one in five year event).	<input type="checkbox"/> Yes	<input type="checkbox"/> No
2. Any effluent or waste storage facility shall not be sited: (a) Within 50 metres of the Coastal marine area; or (b) Within 20 metres of the bed of a river or lake, or of an artificial watercourse or a wetland boundary, other than of a wetland constructed primarily to treat effluent; or (c) On land: (i) that is likely to be flooded from a river or lake in an event with an Annual Exceedance Probability of one percent (a 1 in 100 year event) or more; or (ii) where water is known to pond for at least 2 hours in a rainfall event, on average, at least once in every five years; or (d) where the separation distances to bores specified in Part A of Schedule WQL6 cannot be met; or (e) within a Community Drinking Water Supply Protection Zone for a well listed in Schedule WQL2; or (f) within Christchurch Groundwater Protection Zone 1, or Zones 1A, 1B, 1C, 1D or 2 as shown on the Map Volume Part 1- Planning Maps..	<input type="checkbox"/> Yes	<input type="checkbox"/> No
3. The floor and sides of any effluent or waste storage facility shall be sealed with a synthetic liner or concrete or compacted clay or other material of low permeability such that seepage into land shall not exceed a rate of one millimetre per day. All associated tanks, pipes, sumps and channels shall be sealed to prevent leakage onto or into the land.	<input type="checkbox"/> Yes	<input type="checkbox"/> No

- If you have answered **Yes** to conditions 1, 2, and 3, then you **DO NOT** require resource consent to store effluent.
- If you have answered **No** to any one or more of conditions 1, 2, or 3, then you **WILL** require resource consent to store effluent.

The deposit required for this resource consent is \$483 (including GST).

Rule AQL65 Discharge of contaminants to air
Application of effluent to land

Conditions	Can you comply?	
1. The discharge of odour beyond the boundary of the site shall not be noxious, dangerous, offensive or objectionable to such an extent that it has an adverse effect on the environment.	<input type="checkbox"/> Yes	<input type="checkbox"/> No
2. The dispersal or deposition of particles or liquid droplets shall not cause a noxious, dangerous, objectionable or offensive effect beyond the boundary of the property where the discharge originates.	<input type="checkbox"/> Yes	<input type="checkbox"/> No
3. When requested by Environment Canterbury, the effluent applicator shall keep a record of the effluent discharged including the following information: (a) the type of effluent applied to land; (b) The estimated daily quantity of effluent applied to land in cubic metres; (c) The location of the effluent application; and (d) The wind direction at the time of application.	<input type="checkbox"/> Yes	<input type="checkbox"/> No
4. These records shall be made available to Environment Canterbury upon request.	<input type="checkbox"/> Yes	<input type="checkbox"/> No

- If you have answered **Yes** to every condition under Rule AQL65, then you **DO NOT** require resource consent to discharge contaminants to air.
- If you have answered **No** to any one or more of the conditions of Rule AQL65, then you **WILL** require resource consent to discharge contaminants to air.

If you require resource consent to discharge contaminants to air, this consent can be processed with your application to discharge dairy effluent under Rule WQL25 at no extra charge.