


APPLICATION FOR RESOURCE CONSENT UNDER THE NES FRESHWATER	Office Use Only	
ON-FARM ACTIVITIES		

Activity Requiring Consent Under the NES Freshwater

Please tick as many activities as applicable. More than one activity can be applied for using this form.

- Feed Lot
- Stock Holding Area
- Dairy Support Land
- Irrigation of Dairy Farm Land
- Conversion of Plantation Forestry to Pastoral Land
- Conversion to Dairy Farm Land
- Application of Synthetic Nitrogen Fertiliser Above the N Cap Limits

Note: Applications for Intensive Winter Grazing (IWG) need to be made on a separate IWG application form.

Location

Please provide details/a detailed map/aerial photograph of where each activity you are applying for will occur. You must supply a location map, aerial photograph or diagram on a separate sheet of paper that shows the site of your activity(s) and its local environment. A useful addition to this application would be recent site photographs, an aerial photograph showing development and drainage, and a copy of your farm plan. This helps us determine what or who may be affected by your proposal. An overall property plan may be supported by close up plans relating to activities under application where relevant.

Please show:

- Orientation (North arrow and scale)
- Site of existing and proposed activities, e.g. feedlot, stockholding areas, stand-off pad, irrigation, conversion land, dairy support land, areas of nitrogen fertilizer application.
- The location and name of the nearest road or state highway
- The nature of the terrain surrounding the activity i.e. flat, rolling, steep
- Your property boundaries
- Property boundaries and residences on neighbouring properties (as well as neighbouring property owners' names)
- If applicable, a Certificate of Title
- Historic or waahi tapu sites
- Any Statutory Acknowledgement Areas on or adjacent to the area of works
- Proposed stormwater collection, diversion and discharge points
- Proposed effluent capture/treatment system
- Proposed discharge point for treated effluent
- Any bores used for potable water supply or surface water takes
- All farm roads, tracks, buildings
- All rivers, streams/creeks and drains and the Coastal Marine Area if applicable
- Any wetlands or other wildlife habitats
- Critical Source Areas

Note: A base map can be downloaded from our online mapping tool known as Westmaps which can be found on our web site or staff can help you create a base map to assist with your location plan. Please call us on (03) 768 0466 or 0508 800 118 during office hours for assistance.

Is this consent application seeking to replace an existing one?

Yes No

If yes, please ensure you complete the section "Value of Consent Holder Investment" on Form 1: Administration.

If yes, what is the current consent number?

Supplier Details:

What is your dairy shed supply number if applicable?

Description of Activity

Feedlots

Tick if not applicable

How large is the current area of feedlot (if any) and what area do you propose to place into feedlot (m²)? Are there any potential cumulative effects?

What will be the total number of cattle using the feedlot?

What percentage of cattle will be more than 4 months old and the range of ages?

What percentage of cattle will weigh more than 120kg and the range of weights?

What duration will cattle spend on the feedlot and during what time of year?

What and how will cattle be fed on the feedlot?

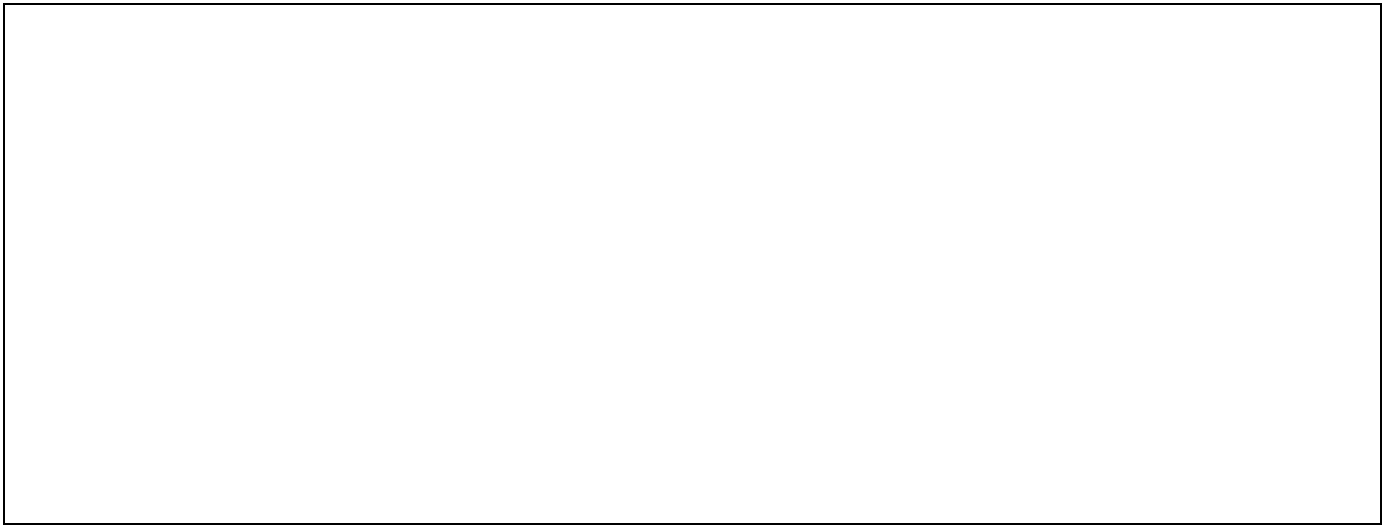
For example silage, hay fodder beet, grain, by hand, mixer wagon, self-feeding silage pad

How was your feedlot constructed, materials used and what permeability standard is the base of your feedlot sealed to and how is this achieved?

What impact will the feedlot have on soil and water quality and how will you mitigate those potential effects?

For example will it be located away from waterbodies, bunded or slope away from waterbodies and drains. Evidence of the application of good management practice would be useful.

How is the effluent and any other waste (bedding material, feed waste etc) from the feedlot collected, stored and disposed of and how will you manage any potential discharges including seepage to groundwater and runoff? .
Evidence of the application of good management practice would be useful.



Stock Holding Areas

Tick if not applicable

How large is the current area used for stock holding (if any) and what area do you propose to place into stock holding (m²)? Are there any potential cumulative effects?

What are the total number of cattle proposed to use the stock holding area?

What percentage of cattle will be more than 4 months old and the range of ages?

What percentage of cattle will weigh more than 120kg and the range of weights?

What duration will cattle spend within the stock holding area and during what time of year?

What and how will cattle be fed while in the stock holding area?

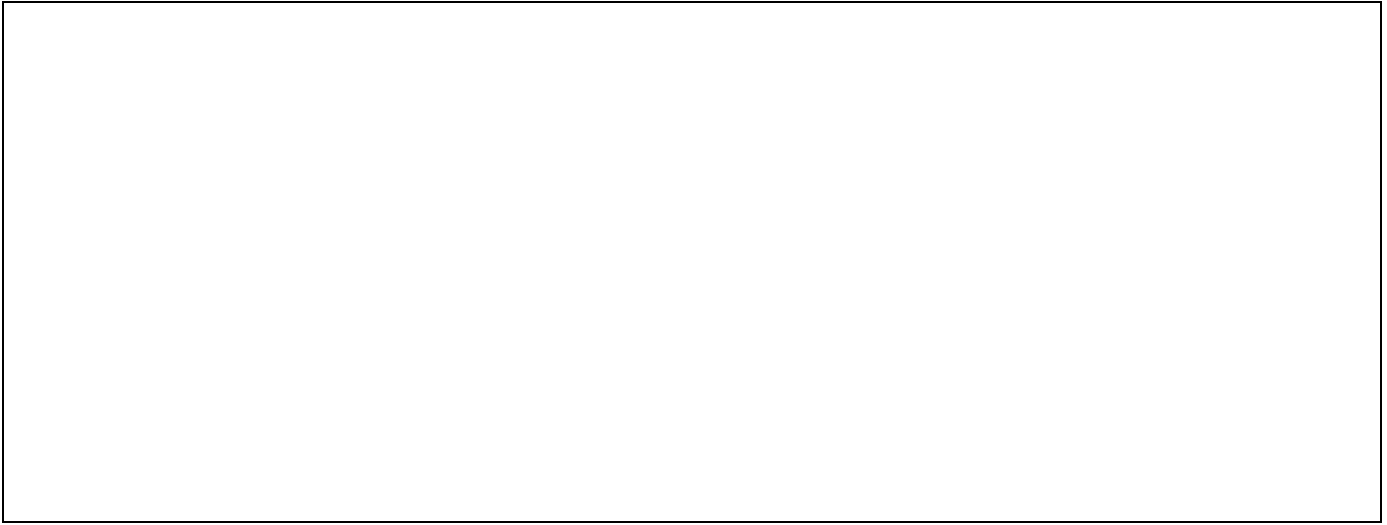
For example silage, hay fodder beet, grain, by hand, mixer wagon, self-feeding silage pad

How was your stock holding area constructed, materials used and what permeability standard is the base of your stock holding area sealed to and how is this achieved?

What impact will the stock holding area have on soil and water quality and how will you mitigate those potential effects?

For example will it be located away from waterbodies, bunded or slope away from waterbodies and drains. . Evidence of the application of good management practice would be useful.

How is the effluent and any other waste (bedding material, feed waste etc) from the stock holding area collected, stored and disposed of and how will you manage any potential discharges including seepage to groundwater and runoff? . *Evidence of the application of good management practice would be useful.*



Dairy Support Land

Tick if not applicable

How large is the area used for dairy support land (if any) during the reference period of 1 July 2014 to 30 June 2019 and what additional area do you propose to place into dairy support land (m²)? Are there any potential cumulative effects?

What will be the total number of cattle using the dairy support land?

How large is the farm in total (ha)?

What duration will cattle spend within the dairy support land and during what time of year?

Show how the use of the dairy support land will not increase the concentrations of contaminants in the receiving environment compared to concentrations as at 2 September 2020.

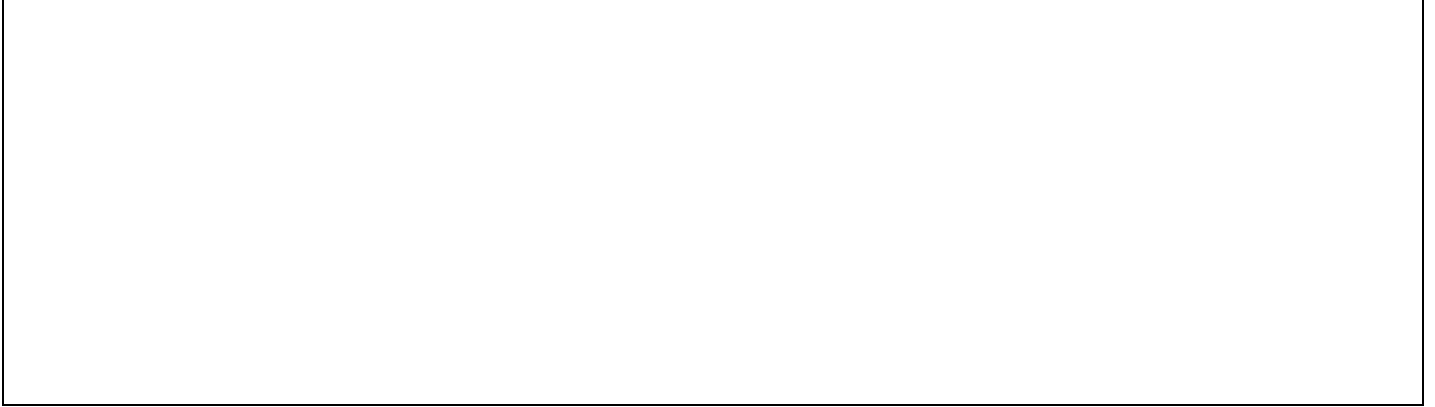
Show how the use of the dairy support land will not increase contaminant loads in the catchment compared to loads as at 2 September 2020.

Describe the land that will be converted to dairy support and how it will be managed.

This includes slopes, vegetation types, crops grown, stocking types and rates, proximity to waterbodies and natural wetlands, riparian planting and fencing, any offsetting or retirement in other areas of the farm.

What impact will the use of the dairy support land have on soil and water quality and how will you mitigate those potential effects?

For example will it be located away from waterbodies, bunded or slope away from waterbodies and drains. . Evidence of the application of good management practice would be useful.



Irrigation of Dairy Farm Land

Tick if not applicable

NOTE: It is likely you will need other consents in accordance with the Regional Land and Water Plan for the taking and use of surface or groundwater.

What area of land was irrigated (if any) prior to 2 September 2020 and what additional area do you propose to irrigate (m²)? Are there any potential cumulative effects?

What type of irrigation will be used?

How large is the farm in total (ha)?

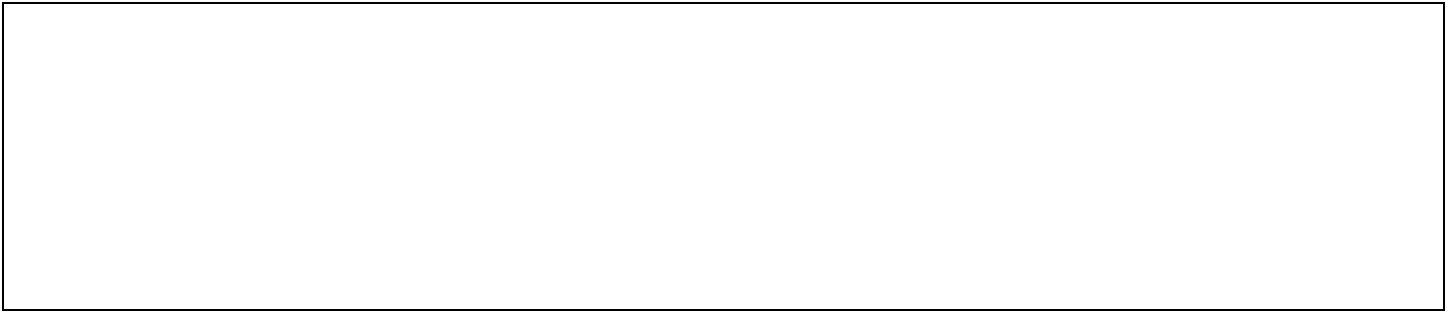
Will the increase in land to be irrigated result in a change to stocking rates and if so detail changes and the potential effects that may have on the environment?

During what weather conditions, time or year and approximate period of time do you propose to irrigate?

Show how the increased irrigation will not increase the concentrations of contaminants in the receiving environment compared to concentrations as at 2 September 2020.

Show how the increased irrigation will not increase contaminant loads in the catchment compared to loads as at 2 September 2020.

Describe how you will prevent runoff reaching the receiving environment (such as groundwater or surface water). *This includes things such as measuring soil moisture levels, setbacks to waterbodies and riparian planting and fencing, offsetting or retirement of other areas within the farm. . Evidence of the application of good management practice would be useful.*



Application of Synthetic Nitrogen Fertiliser

Tick if not applicable

What types of synthetic nitrogen fertiliser do you intend to use and what quantity of nitrogen does each type of fertiliser contain?

How do you intend to apply the synthetic nitrogen fertiliser?
When, where and by what method.

By how much will your application of nitrogen exceed the cap of 190kg/ha/yr and over what period of time? Are there any potential cumulative effects?

Why do you need to exceed the nitrogen cap?

To what area of land do you propose to discharge the increased rates of nitrogen and what is the total area of contiguous landholding?

How do you propose to reduce your application rates of synthetic nitrogen fertiliser over time?

Please supply a synthetic nitrogen fertilizer reduction plan prepared by a suitably qualified and experienced practitioner which demonstrates how you will reduce the use of synthetic nitrogen fertilizer each year such that the use of synthetic nitrogen fertilizer will not exceed the nitrogen cap by 1 July 2023.

Detail your practices and methods for determining when, where and how you will discharge synthetic nitrogen fertiliser?

What impact will the increased discharge of nitrogen have on soil and water quality and how will you mitigate those potential effects? *Evidence of the application of good management practice would be useful.*

Converting Plantation Forestry Land to Pastoral Land Use

Tick if not applicable

How large is the area used for plantation forestry that you intend to convert to pastoral land use (m²)? Are there any potential cumulative effects?

What do you intend to use the land for and what are the stocking rates you intend to use on the converted land and compare that to existing land use and stocking rates?

How large is the farm in total (ha)?

Over what period of time will the plantation forestry land be converted to pastoral land?

Note: A consent may be required for the harvesting of the plantation forestry under the Regional Land and Water Plan.

Show how the use of the converted land will not increase the concentrations of contaminants in the receiving environment compared to concentrations as at 2 September 2020.

Show how the use of the converted land will not increase contaminant loads in the catchment compared to loads as at 2 September 2020.

Describe the land that will be converted to pastoral land and how it will be managed.

This includes slopes, how the forestry will be removed/harvested, cultivation and sowing of converted area, stocking types and rates, proximity to waterbodies and natural wetlands, riparian planting, any offsetting or retirement in other areas of the farm.

What impact will the use of the converted pastoral land have on soil and water quality and how will you mitigate those potential effects?

For example will it be located away from waterbodies, humped and hollowed or flipped, use of sediment control, use of fertilizer, slope away from waterbodies and drains.

Conversion of Land on Farm to Dairy Farm Land

Tick if not applicable

How large is the area you intend to convert to dairy farm land (m²) and what area of the farm is already used for dairy farming? Are there any potential cumulative effects?

What are the stocking rates you propose for the converted dairy farm land and compare those to existing stocking rates?

How large is the farm in total (ha)?

What stocking rates do you intend to use on the converted land?

How large is the farm in total (ha)?

What was the original use of the land and over what period of time will you convert the land to dairy farm use?

Show how the use of the converted dairy farm land will not increase the concentrations of contaminants in the receiving environment compared to concentrations as at 2 September 2020.

Show how the use of the converted dairy farm land will not increase contaminant loads in the catchment compared to loads as at 2 September 2020.

Describe the land that will be converted to dairy farm land and how it will be managed.

This includes slopes, vegetation types, crops grown, stocking types and rates, proximity to waterbodies and natural wetlands, riparian planting, any offsetting or retirement in other areas of the farm.

What impact will the use of the converted dairy farm land have on soil and water quality and how will you mitigate those potential effects?

For example will it be located away from waterbodies, bunded or slope away from waterbodies and drains, are the existing effluent treatment systems sufficient to cope with additional volumes of effluent from converted dairy farm land. . Evidence of the application of good management practice would be useful.

Show how the use of the converted dairy farm land will not increase the concentrations of contaminants in the receiving environment compared to concentrations as at 2 September 2020.

Show how the use of the converted dairy farm land will not increase contaminant loads in the catchment compared to loads as at 2 September 2020.

Describe the land that will be converted to dairy farm land and how it will be managed.

This includes slopes, vegetation types, crops grown, stocking types and rates, proximity to waterbodies and natural wetlands, riparian planting, any offsetting or retirement in other areas of the farm.

What impact will the use of the dairy farm land have on soil and water quality and how will you mitigate those potential effects?

For example will it be located away from waterbodies, humped and hollowed or flipped, use of sediment control, use of fertilizer, slope away from waterbodies and drains, riparian plantings and fencing. . Evidence of the application of good management practice would be useful.

Assessment of Environmental Effects

Read this statement:

These activities have the potential to cause significant environmental effects. As an applicant you need to identify all the possible effects your proposed activities could have and then show how you can avoid causing them or how you can mitigate them (i.e. reduce the effects to a level the council will approve of).

Identification of Environmental Effects

Read the list below, then tick the relevant boxes and give explanations as requested. *For your answers think "who/what/where/when/why"*

Do the activities you intend to undertake have the potential to cause?

Erosion of stream banks or lakesides?

Yes No

If no, explain why not.

Sedimentation or the built up of solids or sediment in the receiving waterbody

Yes No

If no, explain why not.

Reduction of groundwater or downstream water quality

Yes No

If no, explain why not.

Reduction in the public amenity value of a downstream recreational area? (e.g. swimming hole)

Yes No

If no, explain why not.

Any adverse effects on an area valued by iwi/hapu for food gathering or other cultural activities?

Yes No

If no, explain why not.

Effects other than those listed above? *(give a short explanation)*

Avoidance - Mitigation Methods

List below the items you ticked **Yes** to in the previous questions *(one item per set of lines)*. These are the environmental effects you have identified which your proposed activities have the potential to cause.

Then briefly describe against each of the items you have identified, the method/s you will use to avoid causing those effects OR to mitigate them. Refer back to other parts of this application form as relevant. Attach extra sheets if necessary at the end of this application form.

Consideration of Alternatives to the Activity you wish to undertake

Did you consider using alternatives to those applied for?

Yes No

If yes, please indicate why you have chosen the activity specified on this application over others?

Site Monitoring

Do you propose to undertake any type of monitoring?

Yes No

If yes, what will this entail?

Important information – please read carefully

Use this Application form if you plan to undertake an on-farm activity that is contrary to the permitted activity rules in the National Environmental Standard for Fresh Water. Please contact a Consents Officer if you need clarification about this.

Other resource consents may also be needed in conjunction with your proposed activity. Discussing this with a WCRC Consents Officer may speed up the process of getting your activity underway.

The more information provided with this application, the quicker it can be processed.



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