

**APPLICATION FOR RESOURCE
CONSENT UNDER THE NES
FRESHWATER**

Office Use Only



INTENSIVE WINTER GRAZING

Location

Please provide details / a detailed map/aerial photograph of where the activity will occur.

You must supply a location map or diagram on a separate sheet of paper that shows the site of your activity 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 or the areas where Intensive Winter Grazing (IWG) may occur where relevant.

Please show:

- Orientation (North arrow and scale)
- Site of proposed intensive winter grazing, e.g. current areas and any proposed areas
- The location and name of the nearest road or state highway
- The nature of the terrain on which the IWG will occur
- Your farm boundaries
- Property boundaries and residences on neighbouring properties (as well as neighbouring property owners' names)
- If applicable, a Certificate of Title
- Location and names of any nearby natural features such as geothermal activity, waterways, wetlands or wildlife habitats
- Historic or waahi tapu sites
- Any Statutory Acknowledgement Areas within or adjacent to the IWG areas
- Proposed stormwater collection, diversion and discharge points
- Proposed sediment control to be utilized on site
- Any subsurface drainage
- Any bores or surface water takes used for potable water supply
- All farm roads, tracks, buildings
- All rivers, streams/creeks, lakes, ponds and drains or the Coastal Marine Area if applicable
- Any wetlands or other wildlife habitats
- Critical source areas

Note: West Coast Regional Council 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, or call in to our office at 388 Main South Road, Paroa, Greymouth.

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?

What is the term of the consent you are applying for?

Note:- The maximum term that can be sought for IWG under the NEFW is a term that ends before 1 January 2031.

Description of Activity

What is the total size of the farm in hectares?

What is the total area you propose to cultivate for IWG in hectares?

How much of the farm has previously been used for IWG? *Detail all areas used for IWG in hectares during the period between 1 July 2014 and 30 June 2019, inclusive.*

Provide a map, diagram or aerial photograph of all paddocks previously used for intensive winter grazing during the period 1 July 2014 to 30 June 2019, inclusive and show all waterbodies that flow through those paddocks.

Slope of land

What is the slope of the land where intensive winter grazing will occur? *Tick all that apply.*

- Flat to undulating (Slopes less than 12 degrees)
- Rolling or humped and hollowed
- Hilly (Slopes between 12 and 25 degrees)
- Steep (Slopes greater than 25 degrees)

Describe the nature of the slopes and how they will be used e.g. if steeper gullies to be used, only the flat tops will be cropped and slopes remain in pasture or other vegetation.

Within or alongside any waterbodies and wetlands identified on the location map are there any of the following? *Tick all that apply.*

- Signs of instream life e.g. fish, eels, crayfish, native birds, frogs
- Areas where food is gathered e.g. watercress, eels, wild fowl
- Bird nesting habitats
- Areas of particular aesthetic, cultural, heritage or scientific value

Give details of each feature ticked above.

Nature of Grazing Activity

What types of forage crops will be or are likely to be intensively winter grazed?

Stock types to be grazed?

As your consent may be granted with a duration of several years, please identify the maximum number of stock per paddock that may be intensively winter grazed over the requested term of the consent.

Please fill in the table below detailing the types of stock that will be, or are likely to be, grazed and when they will be grazed.

Stock Type	Stock Class	Stock Numbers	Duration of Grazing
E.G. Dairy Cows	Replacements	100	Approximately 90 days from June to August

Any further details on stock to be intensively grazed.

How will you manage the IWG to minimize pugging and other effects on soil?

This may include break, block or back fencing, using a stand-off area if conditions are unsuitable, setting up the grazing based on prevailing weather and shelter.

When will your paddocks, used for IWG, generally be replanted by and why?

What is your plan and grazing strategy for managing IWG?

Assessment of Environmental Effects

Will your IWG have an impact on any of the following? Tick all that apply.

- Native fish and invertebrates
- Sports fish and Game (including spawning/breeding and rearing)
- Domestic and community water supply takes
- Waterbodies used for contact recreation such as swimming holes or food gathering
- The volumes of sediment entering a waterbody
- Other _____

Describe the actual and potential effects of your IWG on water quality with particular regard to those parameters ticked above. Please detail any potential effects on both surface and groundwater from, in particular, nutrient leaching and sediment runoff. Detail all management practices you propose to use and why.

If the area of land to be used for IWG is greater than the maximum area used for that purpose on the farm during the period 1 July 2014 to 30 June 2019, please detail how your proposal will not result in an increase in either:

- Contaminant loads in the catchments, compared with the loads as at the close of 2 September 2020; or
- Concentrations of contaminants in freshwater or other receiving environments (including coastal waters), compared with the concentrations as at the close of 2 September 2020.

Evidence of this may include discussion of inputs and outputs pre and post the IWG that is proposed, nutrient modelling for the farm currently and with the proposed IWG and any known loads or concentrations as at 2 September 2020.

Describe the cumulative effects of your IWG.

Cumulative effects can include local effects or effects on the catchment as a whole, including out to sea, and will include effects of your proposed IWG and any other IWG occurring in the area. Discussion on this may include:

- *Anecdotal evidence on IWG in your area such as changes in land use or improvement in practices*
- *Any details of water quality trends in your area – is it getting better, worse or not changing*
- *Any impacts on your property from years of IWG such as soil loss from repeated cultivation*
- *Any measures to improve water quality in your area such as work carried out by Freshwater Management Units.*

Will your IWG activity impact any of the following cultural beliefs, values or uses? *Tick all that apply.*

- Kaitiakitanga the exercise of guardianship and the ethic of stewardship
- Mauri life force, for example healthy and plentiful flow and ecosystem provides for Mauri
- Waahi tapu and/or Waiwhakaheke sacred places, sites, areas and values associated with waterbodies and/or land that hold spiritual values of importance
- Wahi taoka treasured resources, values and sites that reinforce the relationship iwi have with water resources
- Mahinka kai places where food and cultural materials are procured or produced
- Kohanga important nursery/spawning areas for native fisheries and breeding grounds for birds
- Trails, areas which formed part of traditional routes to resources, waterways and sites
- Waipuna (springs) sources of water highly regarded for their purity, healing and health-giving powers

Describe the actual and potential effects your IWG may have on the cultural and spiritual beliefs, values and uses you ticked above.

Describe the positive effects your IWG will have. *These may include progressive pasture renewal, soil improvements, protecting rest of property from damage over winter or shifting stock away from more sensitive areas.*

Have any alternatives to IWG been considered, detail? Why is IWG been chosen as the most suitable alternative?

Important information – please read carefully

Use this Application form if you plan to undertake intensive winter grazing. 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. WCRC Consents staff can give you a lead on how to find necessary data/information, e.g. data/information on drainage, groundwater, stream life, bird habitat, and with whom you should consult.



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