

Land Use Change Application Form

| | |
|--|--|
| Date of Application | |
| Property Ownership (PO) (Individual or Organisation) | |
| PO Contact Person & phone number | |
| Farming Entity (FE) (if different from Property Owner) | |
| FE Relationship to PO (Lease, sharemilker,...) | |
| FE Contact Person & phone number | |
| Advising Consultant | |

1. Land Use Change (LUC) Proposal

Dear Applicant,

WIL has prepopulated some fields in this document.

Please check the information in the **white fields** for its **correctness and completeness** and correct it where necessary.

Please fill in the blue fields applicable to application.

Please contact Paul Reese for support if you have any questions (details below).

| | |
|---------------------|---|
| White Fields | prepopulated by WIL, to be checked and corrected by the Applicant |
| Blue Fields | to be filled in by the Applicant |

Proposed Land Use Description

Please describe the changes you are proposing to make.

| Land Area & WIL shares | | | |
|------------------------|---------|----------|------------|
| | Current | Proposed | Difference |
| Land Area (ha) | | | |
| WIL Shares (#) | | | |
| Description: | | | |

| Irrigation | | | |
|----------------------------------|---------|----------|------------|
| | Current | Proposed | Difference |
| Total Irrigated Area (ha) | | | |
| Linear/Centre Pivot (ha) | | | |
| Travelling Irrigator (ha) | | | |
| Sprinklers/K-line (ha) | | | |
| Fixed Grid (ha) | | | |
| Other: (ha) | | | |
| Description: | | | |

| Effluent | | | |
|--------------|---------|----------|------------|
| | Current | Proposed | Difference |
| Area (ha) | | | |
| System | | | |
| Description: | | | |

| Land Use Area(s) (ha) | | | |
|-----------------------|---------|----------|------------|
| | Current | Proposed | Difference |
| Dairy | | | |
| Dairy Support | | | |
| Sheep | | | |
| Beef | | | |
| Arable | | | |
| Other: _____ | | | |
| Other: _____ | | | |
| Description: | | | |

| Winter Grazing (ha) | | | |
|--|---------|----------|------------|
| | Current | Proposed | Difference |
| LWRP Winter Grazing Area ² | | | |
| NES Intensive Winter Grazing Area ³ | | | |
| Stock Numbers | | | |
| Description: | | | |

² Cattle on brassicas or root crops only

³ Any livestock on annual crop

| Stock | | | |
|------------------------|---------|----------|------------|
| | Current | Proposed | Difference |
| RSU ⁴ total | | | |
| RSU/ha | | | |
| Cows/ha ⁵ | | | |
| Description: | | | |

| Other Relevant Changes (please describe) | | | |
|--|---------|----------|------------|
| | Current | Proposed | Difference |
| | | | |
| | | | |
| Description: | | | |

⁴ From Overseer file

⁵ For dairy

Proposed timing

Please describe

1. When you intend to have your changes completed.
2. The timing of any transitional stages

Transition Period

LUC often requires a development or transition period which may cause different environmental impacts than a steady state. WIL need to understand the implications of the development.

Examples are increased nitrogen loss, sediment loss, soil disturbance or movement, land and vegetation clearing, infrastructure development.

Please describe how you plan to manage your transition period and the resulting N loss and other environmental impacts, including nitrogen and phosphorus loss.

2. Sensitive receiving environments

WIL will be assessing your LUC application against the risks that a change in land use could have on the catchment your property is located in. Are any of these sensitive areas in proximity to your property or potentially affected by your farming operation?

Please find information on Canterbury Maps <https://mapviewer.canterburymaps.govt.nz/>.

Risk Assessment

| Sensitive Area | Yes/No | Description |
|---|--------|-------------|
| Community Drinking Water Protection Zone (CWDPZ) ⁶ | | |
| Proximity of shallow (<25m) drinking wells ⁷ | | |
| Waterways ⁸ | | |
| Sites of cultural significance | | |
| Significant site of biodiversity | | |

Risk Management

Please detail how any risks identified will be managed.

⁶ Add "Community Drinking Water Protection Zones" Layer and check for protected zones near your property boundary.

⁷ Add "Wells & Bores -with Borelogs - Wells" Layer and check for active wells with domestic supply use nearby

⁸ Include surface water bodies, wetlands and WIL and stockwater race network

3. Resource Consents

The National Environmental Standards for Freshwater 2020 (NES-FW 2020) set out regulations regarding land use activities. If your activity/proposed LUC does not comply with the permitted activities under the NES-FW 2020, you will need to apply for a resource consent.

The table below provides guidelines, when a resource consent is required, based on different land uses.

| Land Use | A resource consent is needed if, ... |
|--|--|
| Dairy Farm Land | ... the proposed area exceeds the area used within the 3rd September 2019 to 2nd September 2020 reference period. |
| Dairy Support Land | ... the proposed area is greater than the maximum area used between the reference period 1st July 2014 to 30th June 2019 |
| Intensive Winter Grazing | ... the proposed area is greater than the maximum area used between the reference period 1st July 2014 to 30th June 2019 |
| Irrigation on Dairy Farm Land | ... the proposed area exceeds the area used within the 3rd September 2019 to 2nd September 2020 reference period. |
| Plantation Forestry (conversion to pasture) | ... the proposed area exceeds the area used within the 3rd September 2019 to 2nd September 2020 reference period. |

Please check, if you comply with the permitted activities from the NES-FW 2020 or if you need a resource consent, using the following table and the table above.

| Land Use | Reference Period (ha) | Proposed (ha) | Difference (ha) |
|--|-----------------------|---------------|-----------------|
| Dairy Farm Land | | | |
| Dairy Support Land | | | |
| Intensive Winter Grazing | | | |
| Irrigation on Dairy Farm Land | | | |
| Plantation Forestry (conversion to pasture) | | | |

Please check if your proposed scenario complies with your current **effluent consents** (Effluent Storage and Effluent Discharge). Do you require any further resource consents?

4. Nutrient and environmental management

Nutrient Budget Summary

Please provide us with the nitrogen loss details of your LUC. The information requested is to be provided from Overseer budgets completed by a Certified Nutrient Management Advisor (CNMA).

| | |
|---|--|
| Overseer Account Name | |
| Proposed Scenario File Name | |
| Historical N loss (kg N/ha/year) | |
| Current N loss (kg N/ha/year) | |
| Proposed N loss (kg N/ha/year) | |
| Overseer Version | |

Nitrogen Loss Reduction Plan and Mitigations of Environmental

Recent changes to the Canterbury Land and Water Regional Plan, detailed in Plan Change 7, require farming businesses to reduce their nitrogen losses.

The table shows the Plan Change 7 cumulative reductions in nitrogen loss from the Baseline years, and dates by which these are to be achieved.

| Farming Type | By 1 January 2030 | By 1 January 2040 |
|---------------------|--------------------------|--------------------------|
| Dairy | 20% | 30% |
| All other | 5% | 10% |

Please provide us with information on:

1. How you intend to reduce your nitrogen loss to meet the Plan Change 7 regulations.
2. How you plan to mitigate and manage environmental impacts of the LUC.

Examples of environmental impacts are nitrogen loss phosphorous and sediment loss. Biodiversity impacts, waterway impacts, soils impacts.

This section is critical to the land use change application.

| Nitrogen reduction plan and proposed mitigations | Possible timing of Implementation |
|--|-----------------------------------|
| | |

5. Environmental Improvement

Please provide us with information about your recent audit and progress of implementing actions.

| | |
|--|--|
| Date of last FEP audit | |
| Auditor | |
| FEP Audit Grade | |
| Required actions and progress on implementation | |

Identify opportunities on your property to further improve environmental performance.

| | |
|--|--|
| Opportunities for continual improvement | |
|--|--|

Declaration

I declare the information I have provided is true and correct. If this application for a land use change is approved, I will ensure:

1. The nitrogen losses from the land use change will not exceed those proposed and approved (or equivalent based on later versions of OverseerFM).
2. Good Management Practices are applied, audit actions are completed and proposed mitigations and N loss reduction plans as described are implemented.
3. The farm management mitigations proposed and modelled as part of this application are understood, realistic and achievable.
4. The land use change will be carried out within agreed time frames.

I understand, that Waimakariri Irrigation will follow up within 12 months of this approval being granted for the purpose of ensuring all conditions of approval are met.

Date

Signature (s)

Name (s)