

DETAILS OF THE ACTIVITY

2 **Location/ address of the Activity:** _____

3 **Name of property/farming enterprise:** _____

4 **General description of farm/enterprise (e.g. dairy, sheep and beef, deer, horticulture etc):** _____

Dairy supplier number (if applicable): _____

5 **Which Tukituki Surface Water Sub-catchment/s is the property located within?**

(If unsure go to: <https://www.hbrc.govt.nz/hawkes-bay/community/tukituki-dashboard?stage=Stage>)

6 **Total farm or farm enterprise area:** _____

7 **What is the (estimated) total area of the farm/ property within each catchment?**

_____ ha _____ sub catchment

_____ ha _____ sub catchment

_____ ha _____ sub catchment

8 **Please provide a description of the physical features of your property/farming enterprise.**

9 **Please provide a description of the environment surrounding your property** (Your description should include details about natural and physical characteristics, and things such as nearby water bodies, topography, surrounding land use). (This may be continued in your FEMP and may be referenced here)

17 Has there been any significant change since your FEMP was prepared/reviewed?
 Yes No if Yes please provide detail: _____

18 Have any of the actions identified in your FEMP been completed? Yes No

18.1 If Yes, please detail what actions, and when they were completed.

19 All information Council holds is 'official' and as such may be requested by a third party in accordance with the Local Government Official Information and Meetings Act 1987 (LGOIMA). LGOIMA has some provisions for the withholding of this information, please indicate if these apply to your FEMP

Tick

1. I do not request the withholding of my FEMP (Move to Q20) Or
2. I consider that disclosure of my FEMP could result in:
- Prejudice to the commercial position of the property, and/or
 - Improper gain or improper advantage by a third party, and/or
 - The protection of natural person's privacy being beached, and/or
 - Other _____ (s6/7 of LGOIMA)

I _____ ask Council to consider the above and confirm that it accepts the FEMP subject to an obligation of confidence and that it will consult me before making it, or any part of it available to any third party.

NUTRIENT BUDGET

20 What date was your Nutrient Budget prepared? _____

21 What version of Overseer was used to prepare your Nutrient Budget? _____

22 Who prepared your nutrient budget and are they a Certified Nutrient Management Advisor (CNMA) ? _____

23 Was your Overseer Nutrient Budget prepared in accordance with the Overseer Best Practice Data Input Standards? Yes No

23.1 If No please advise why _____

24 **Have you modelled any farm system changes or mitigation measures set out in your FEMP?** Explain the nutrient loss reductions and associated timeframes proposed.

See guidance – more than one ONB will be required. ONB should be used to allow for a four year rolling average nutrient loss to be estimated.

25 **Have you published your Nutrient Budgets to the Council** Yes No

Name(s) of published file(s):

See Guidance - Council requires nutrient budget data to be published using Overseer FM.

STOCK EXCLUSION

26 **Please outline your work plan** to achieve stock exclusion, or the alternative measures you are proposing to undertake if stock exclusion is not being done?

27 **Please explain/justify the timeframes for the work/mitigations you plan to do** (Please provide specific comment about why works cannot be completed more quickly, and if possible, please provide evidence to support this).

Supporting evidence attached? Yes No

28 Please comment on whether or not you believe that you are taking all reasonable and practicable opportunities to reduce phosphorus losses from your property/enterprise, and provide reasons for your answer.

INDIVIDUAL FARM LUC EXCEEDANCE AND/OR SUB-CATCHMENT DIN EXCEEDANCE

29 **What is your property/farming enterprise’s modelled Nitrogen leaching rate?** (estimated using a 4 year rolling average)

30 How was this calculated? (e.g. averaged from 4 years of overseer outputs)

****If you’re below your LUC go to Q36.***

31 **Please outline what you propose to do to reduce nitrogen and phosphorus losses** from your farming operation.

35 Explain how you are taking all reasonable and practicable opportunities to **avoid additional phosphorus load** to the Tukituki River, as well as any steps you are taking to reduce your properties existing phosphorus loads

45 Policy assessment

Regional Resource Management Plan Objectives and Policies¹:

Provision	Will your activity help achieve this? (Y/N/NA)	Explanation/supporting comments
Land		
<i>Obj 11</i> An ongoing reduction in the extent and severity of hill country erosion.		
<i>Obj 12</i> The avoidance of loss in the productive capability of land, as a result of inappropriate land use practices hastening wind erosion.		
<i>Obj 13</i> The avoidance of nuisance effects or economic losses on adjoining properties as a result of wind erosion.		
<i>Obj 14</i> The avoidance of loss in the productive capability of land, as a result of reduced soil health		
<i>Obj 38</i> The sustainable management of the land resource so as to avoid compromising future use and water quality.		
<p><i>Pol 67</i> To encourage landowners and occupiers to manage the effects of activities affecting soil in accordance with the following guidelines:</p> <ul style="list-style-type: none"> • <u>Appropriate land use:</u> Land use activities should not exceed the land use capability of the subject land. • <u>Soils prone to wind erosion:</u> Areas prone to wind erosion from land use activities should have preventative or remedial measures applied. The depth of soil should not be reduced at a rate that exceeds the natural rate of replenishment. • <u>Soils prone to other types of erosion:</u> Where vegetation is removed from areas prone to erosion, best management practices should be followed. These should include replanting the area within 18 months with vegetation that will provide equivalent or better land stabilisation, or other recognised methods that will stabilise land or prevent erosion. • <u>Soil Health:</u> There should be no long-term degradation of the physical properties (including soil structure) or biological properties (including organic matter content) of soil. • 		

¹ For full text please refer to the Regional Resource Management Plan available here: <https://www.hbrc.govt.nz/documents-and-forms/rrmp/?url=/our-council/policies-plans-strategies/rrmp/>

Scarcity of Indigenous Vegetation and Wetlands		
<i>Obj 15</i> The preservation and enhancement of remaining areas of significant indigenous vegetation, significant habitats of indigenous fauna and ecologically significant wetlands.		
Groundwater Quality		
<i>Obj 21</i> No degradation of existing groundwater quality in the Heretaunga Plains and Ruataniwha Plains aquifer systems.		
<i>Obj 22</i> The maintenance or enhancement of groundwater quality in unconfined or semi-confined productive aquifers in order that it is suitable for human consumption and irrigation without treatment, or after treatment where this is necessary because of the natural water quality.		
Surface Water Resources		
<i>Obj 27</i> The maintenance or enhancement of the water quality of rivers/ streams, lakes and wetlands in order that it is suitable for sustaining or improving aquatic ecosystems in catchments as a whole, and for contact recreation purposes where appropriate.		
Recognition of Matters of Significance to Iwi/Hapu		
<i>Obj 36</i> To protect and where necessary aid the preservation of waahi tapu (sacred places), and tauranga waka (landings for waka).		
<i>Obj 37</i> To protect and where necessary aid the preservation of mahinga kai (food cultivation areas), mahinga mataitai (sea-food gathering places), taonga raranga (plants used for weaving and resources used for traditional crafts) and taonga rongoa (medicinal plants, herbs and resource).		
<i>Pol 64</i> Activities should not have any significant adverse effects on waahi tapu, or tauranga waka.		
<i>Pol 65</i> Activities should not have any significant adverse effects on taonga raranga, mahinga kai or mahinga mataitai.		
<i>Pol 66</i> The importance of coastal, lake, wetlands and river environments and their associated resources to Maori should be recognised in the management of those resources.		
Tukituki River Catchment		
<i>Obj TT1</i> To sustainably manage the use and development of land, the discharge of contaminants including nutrients, and the taking, using, damming, or diverting of fresh water in the Tukituki River catchment so that: (a) Groundwater levels, river flows, lake and wetland levels and water quality maintain or enhance the habitat and health of aquatic ecosystems, macroinvertebrates, native fish and trout; (b) Water quality enables safe contact recreation and food gathering; (ba) Water quality and quantity enables safe and reliable human drinking water supplies; (c) The frequency and duration of excessive periphyton growths that adversely affect recreational and cultural uses and amenity are reduced;		

<p>(d) The significant values of wetlands are protected;</p> <p>(e) The mauri of surface water bodies and groundwater is recognised and adverse effects on aspects of water quality and quantity that contribute to healthy mauri are avoided, remedied or mitigated; and</p> <p>(f) The taking and use of water for primary production and the processing of beverages, food and fibre is provided for.</p>		
<p><i>Obj TT2</i> Where the quality of fresh water has been degraded by human activities to such an extent that Objective TT1 is not being achieved, water quality shall not be allowed to degrade further and it shall be improved progressively over time so that OBJ TT1 is achieved by 2030.</p>		
<p><i>Obj TT4A</i> To recognise that industry good practice for land and water management can assist with achieving Objectives TT1, TT2 and TT4.</p>		
<p><i>Pol TT1</i> Manage the use of production land upstream of any registered drinking water supply takes to ensure compliance with the Resource Management (National Environmental Standards for Sources of Human Drinking Water) Regulations 2007 and the Drinking-Water Standards for New Zealand (2005 Revised edition 2008).</p>		
<p><i>Pol TT2</i> For groundwater Hawke's Bay Regional Council will:</p> <p>(a) Manage the adverse effects of activities likely to affect the quality of groundwater located 10m or more below ground level in accordance with the limits for aesthetic, organic and inorganic determinands; Escherichia coli and nitrate-nitrogen set in Table 5.9.2;</p> <p>(c) Manage activities likely to affect the quality of groundwater connected to and affecting surface water quality having regard to effects on the achievement of the limits and targets set in Tables 5.9.1A and 5.9.1B;</p> <p>(d) Manage the use of production land upstream of any registered drinking water supply takes to ensure compliance with the Resource Management (National Environmental Standards for Sources of Human Drinking Water) Regulations 2007 and the Drinking-Water Standards for New Zealand (2005 Revised edition 2008).</p> <p>2. The implementation of POL TT2(1) shall take into account uncertainties associated with variables such as the location of the activity, the spatial and temporal nature of groundwater flows, seasonal variations in groundwater levels, and the effects of historical production land use activities on existing and future groundwater quality.</p>		
<p><i>Pol TT4</i> To ensure that the Table 5.9.1B nitrate-nitrogen and dissolved inorganic nitrogen surface water quality limits and the Table 5.9.1D Tukituki LUC Natural Capital Leaching Rates are not exceeded on a whole of farm property or whole of farming enterprise basis:</p> <p>(a) From 1 June 2013 onwards farm properties or farming enterprises exceeding 4 hectares in area shall be required to either:</p> <p>(i) Keep the records specified in Schedule XXI so that Nutrient Budgets can be calculated using Overseer14 (or an alternative model approved by Hawke's Bay Regional Council15) prior to 31 May 2018; or</p>		

<p>(ii) Keep copies of Nutrient Budget input and output files that have been prepared in accordance with an industry programme approved by Hawke's Bay Regional Council;</p> <p>(b) FEMPs shall be updated at three yearly intervals from 1 June 2018.</p> <p>(c) Require industry good practices to be implemented on farm properties or farming enterprises in order to minimise nitrogen losses;</p> <p>(d) Nutrient Budgets must be updated at least 3 yearly (from 31 May 2018).</p> <p>e) Require that the records kept in accordance with POL TT4(1)(a), (b) and (d) are to be reviewed annually in accordance with an industry programme approved by Hawke's Bay Regional Council (or in the absence of an industry programme, as directed by Hawke's Bay Regional Council) to assess whether any farm system changes are evident in the previous 12 months. If such a change is evident, the Nutrient Budget for the farm system must be updated to determine whether the nitrogen leached from the land exceeds the relevant limit in Table 5.9.1D on a whole of farm property or whole of farming enterprise basis and the updated Nutrient Budget must be provided to the Hawkes Bay Regional Council.</p> <p>(j) For the purposes of achieving compliance with Table 5.9.1D, the estimated leaching rate shall be a 4 year rolling average of the estimated nitrogen leaching rates derived from Nutrients Budgets prepared after 1 June 2013.</p>		
<p><i>Pol TT5</i> To ensure that the Table 5.9.1B dissolved reactive phosphorus (DRP) surface water quality limits are not exceeded and to attain the Table 5.9.1B DRP targets by 1 July 2030 Hawke's Bay Regional Council will:</p> <p>(a) From 1 June 2018 onwards, require farm properties or farming enterprises exceeding 4 hectares in area to prepare and maintain a Phosphorus Management Plan as part of a Farm Environmental Management Plan prepared in accordance with Schedule XXII.</p> <p>(d) Require any application for a resource consent for the use of production land on farm properties or farming enterprises to demonstrate:</p> <p>(i) In areas where the Table 5.9.1B DRP limits are not exceeded that the proposed activity will not lead to an exceedance of the limits in the Tukituki River or its tributaries;</p> <p>(ii) In areas where the Table 5.9.1B DRP targets are exceeded that the proposed activity will not increase existing DRP concentrations in the Tukituki River or its tributaries and that all reasonable and practicable opportunities have been taken to reduce phosphorus losses from the farm property;</p> <p>(iii) The likely achievement of (i) and (ii) through the preparation of a Phosphorus Management Plan.</p> <p>(f) Provide land advisory services and incentives, in collaboration with the primary industry sector and the community, prioritising efforts on tributary catchments which significantly exceed the DRP targets. In particular Hawke's Bay Regional Council will:</p> <p>(i) Develop a catchment strategy and implementation plan to identify critical source areas for phosphorus and eliminate or reduce phosphorus losses;</p>		

<ul style="list-style-type: none"> (ii) Encourage industry good practices to be implemented on farm properties or farming enterprises in order to reduce phosphorus losses; (iii) Encourage riparian planting in conjunction with permanent stock exclusion fencing; (iv) In the Water Management Zone 5 (Papanui), encourage riparian planting which provides shading for rivers/ streams and streams in order to reduce macrophyte growth and improve life-supporting capacity of the stream; (v) Encourage surface runoff from stock races, stock yards, bridges and culverts to be diverted away from rivers and streams and discharged to land. 		
<p><i>Pol TT6</i> (1) When considering an application for a land use consent to authorise the use of production land on farm properties or farming enterprises not associated with the operation of a Community Irrigation Scheme, the consent authority must have regard to the following matters:</p> <ul style="list-style-type: none"> (a) The extent to which the use, in combination with other permitted or consented activities, will result in the nitrate-nitrogen and dissolved inorganic nitrogen limits in Table 5.9.1B being approached or exceeded; (b) The extent to which the Tukituki LUC Natural Capital Nitrogen Leaching Rates specified in Table 5.9.1D are exceeded on a whole of farm property or whole of farming enterprise basis; (c) Whether the applicant has supplied a Farm Environmental Management Plan prepared in accordance with Schedule XXII which: <ul style="list-style-type: none"> (i) Adequately describes the farm property or farming enterprise (including soils, climate, topography and environmental risks) and the proposed production land use on the farm property or farming enterprise; (ii) Contains a Nutrient Budget for the farm property or farming enterprise; (iii) Contains a Phosphorus Management Plan for the farm property or farming enterprise; (iv) Describes how industry good practices will be implemented to minimise nutrient (nitrogen and phosphorus) losses, sediment losses and faecal bacteria discharges from the farm property or farming enterprise appropriate to the production land use and land type; (v) Where the farm property or farming enterprise is in Water Management Zone 5, ensures appropriate riparian management measures are implemented to minimise nutrient losses and reduce macrophyte growth in order to improve the life-supporting capacity of the river or stream. (f) Phasing out of existing over-allocation. <p>3. From 4 May 2013 any land use consents granted under Rule TT2 or Rule TT2A to the landowner or occupier shall: (a) have the same expiry date as any section 14 water take irrigation consents for the land, or (b) if there are no irrigation consents for the land then the maximum duration imposed shall not exceed 35 years.</p>		

46 Regarding the National Policy Statement for Freshwater Management 2014 (amended 2017) **Will the proposed activity be consistent with the objectives** of the National Policy Statement (NPS) for Freshwater 2014 (amended 2017) as the 2011 NPS was given effect to through the objectives, policies and rules in the Tukituki Catchment Plan and the objectives remained unchanged when amended in 2017. Yes No

If Yes, please comment on how

If No, please explain why.

47 Regarding the Drinking-Water Standards for New Zealand (2005 (Revised edition 2008)) **Will the proposed activity will be consistent with the Drinking-Water Standards** for New Zealand (2005 (Revised edition 2008)) as they were given effect to through the objectives, policies and rules of the Tukituki Catchment Plan. Yes No

If Yes, please comment on how

If No, please explain why.

48 Regarding the Resource Management (National Environmental Standards for Sources of Human Drinking Water) Regulations 2007, **Are there any registered drinking water supplies** that could be affected by your farming activities? Yes No

If Yes, please provide an assessment of the potential effect.

If No, please explain why.

49 Resource Management Act 1991 – Part 2, Purpose and Principles

Provisions	Will your activity help achieve this? (Y/N/NA)	Explanation/supporting comments
<p>Section 5: The purpose of this Act is to promote the sustainable management of natural and physical resources. In this Act, sustainable management means managing the use, development, and protection of natural and physical resources in a way, or at a rate, which enables people and communities to provide for their social, economic, and cultural wellbeing and for their health and safety while—</p> <p>(a) Sustaining the potential of natural and physical resources (excluding minerals) to meet the reasonably foreseeable needs of future generations; and</p> <p>(b) Safeguarding the life-supporting capacity of air, water, soil, and ecosystems; and</p> <p>(c) Avoiding, remedying, or mitigating any adverse effects of activities on the environment.</p>		
<p>Section 6 – Matters of National Importance Recognise and provide for the following:</p> <p>a. the preservation of the natural character of the coastal environment, wetlands, and lakes and rivers/ streams and their margins, and the protection of them from inappropriate subdivision, use, and development.</p> <p>b. the protection of outstanding natural features and landscapes from inappropriate subdivision, use, and development.</p> <p>c. the protection of areas of significant indigenous vegetation and significant habitats of indigenous fauna.</p> <p>d. the maintenance and enhancement of public access to and along the coastal marine area, lakes and rivers.</p> <p>e. the relationship of Maori and their culture and traditions with their ancestral lands, water, sites, wahi tapu, and other taonga.</p> <p>g. the protection of recognised customary activities.</p>		
<p>Section 7 – Other Matters Have particular regard to the following:</p> <p>a. kaitiakitanga.</p> <p>aa. the ethic of stewardship.</p> <p>b. the efficient use and development of natural and physical resources.</p> <p>c. the maintenance and enhancement of amenity values.</p> <p>d. intrinsic values of ecosystems.</p> <p>f. maintenance and enhancement of the quality of the environment.</p> <p>g. any finite characteristics of natural and physical resources.</p> <p>h. the protection of the habitat of trout and salmon. i. the effects of climate change.</p>		
<p>Section 8 – Principles of Treaty of Waitangi Take into account the principles of the Treaty of Waitangi.</p>		

CONSENT DURATION

- 53 **Please state what consent duration you are seeking**, and why you want that duration (e.g. provide a schedule of works to identify the additional mitigation measures proposed with a longer duration). (Note: Policy TT6 3. establishes that the land use consent duration cannot exceed 35 years)

ADDITIONAL INFORMATION REQUIRED:

- 54 A plan/aerial photograph (Google or HBRC) showing the following information (where not already contained in the FEMP):
- Farm property boundaries, or properties making up the farming enterprise.
 - Key farm features, including critical source areas, stock exclusion areas, effluent disposal areas, ONB blocks etc
 - the proposed activity or activities in relation to roads, property boundaries, neighbouring properties,
 - watercourses, wetlands, wells
 - existing surrounding infrastructure and structures such as bridges and culverts, and
 - Any other relevant features of the surrounding environment.

Attached

GENERAL INFORMATION

- 55 **Please note any other information** that may assist the Council in processing your application.

- 56 **Please list all documentation (in addition to this form) which makes up your application.** Please ensure that all documentation listed is included with your application when it is submitted.

Additional Documentation	Title	Author	Date

Please ensure all design plans or drawings are authorised for use by the author.