

# Form B – RESTRICTIONS RELATING TO WATER: to take, use dam and/or divert



## To take, use, dam, divert, surface and groundwater (excluding Coastal Activities)

All sections must be completed in full and accompanied by the initial deposit fee, the administration form (Form A) and an Assessment of Environmental Effects (AEE) in accordance with schedule 4 of the Resource Management Act 1991. Failure to do so may result in your application not being accepted and/or returned.

Prior to applying, we encourage consulting with a Consents Officer. Doing so can reduce the likelihood of your application being rejected, minimise the need for additional information and reduce processing time and overall costs. Additionally, we recommend consulting with potentially affected parties, such as neighbours and tangata whenua, to ensure transparency and collaboration in the consent process.

To request a pre-application meeting or for help on who to involve in your application please contact [consents@trc.govt](mailto:consents@trc.govt). Additional information may be found on our website.

The taking of water is subject to rules in the **Regional Fresh Water Plan for Taranaki**. This plan is on our website: <https://www.trc.govt.nz/council/plans-and-reports/strategy-policy-and-plans/regional-fresh-water-plan/>

### SECTION A – Initial information

<b>1) Water Consent(s) applying for</b>			
<b>1.1 Please indicate the type and number of water takes consents you are applying for on this form</b>			
	Consent Type	Number of applications	Previous consent number (if replacement or change)
<input type="checkbox"/>	Surface water take – general <b>Sections A &amp; B of this form must be completed</b>		<i>Please note a deposit will be required for each consent applied for. This total should match the number of consents and deposit amount you have completed in Section 9 (Fees and charges) of Form A</i>
<input type="checkbox"/>	Surface water take – irrigation <b>Sections A &amp; B of this form must be completed</b>		
<input type="checkbox"/>	Groundwater take <b>Sections A &amp; C of this form must be completed</b>		
<input type="checkbox"/>	To dam water <b>Sections A &amp; D of this form must be completed</b>		
<input type="checkbox"/>	To divert water <b>Sections A &amp; E of this form must be completed</b>		
	<b>Total number of water take consents applying for on this form</b>		

Office use only	
Consent No:	Amount Paid:
Date Received:	Date Paid:
Document No:	Eftpos / Cash / Int Banking / Credit Card

1.2 Will the water take, damming or diversion occur in the Coastal Marine Area	
<input type="checkbox"/>	Yes
<input type="checkbox"/>	No
If you answered 'Yes' only complete this form if the activity. You must complete the Coastal Form instead	

## 2) Regional Plan and Activity Status

2.1 Please advise the regional plan and/or NES regulation, and activity status of the consents applied for		
Please state where in the AEE the information can be located	AEE Page Number	Section
<p><b>Please indicate the following for each activity:</b></p> <ul style="list-style-type: none"> <li>▪ The regional plan and rule you are applying under</li> <li>▪ What permitted activity rule and standards are not being complied with and why</li> <li>▪ What is the activity status of your application</li> </ul> <p><b><u>Councils preference is the information is provided in the format shown below</u></b></p>		

Consent applied for	Regional Plan or NES Regulation	Rule/Regulation applying under	Activity Status Eg Controlled	Permitted Activity Rule/Regulation not complied with and reasons why not met
<i>Surface water take for irrigation</i>	<i>RFWP</i>	<i>16</i>	<i>Controlled</i>	<i>Rule 15 – unable to meet this because XXX</i>

## SECTION B – Surface water take – general and irrigation

Please note if you are applying to take groundwater, please do not complete this section  
– complete Section C instead

### 3) Details of the activity

The amount of information in your assessment of environmental effects (AEE) should correspond to the scale and significance of the proposal's environmental effects.

#### 3.1 Purpose of water take *(select all that apply)*

<i>(tick all that apply, specify details and state where in the AEE the information can be located)</i>	AEE Page Number	Section
<input type="checkbox"/> Industry <i>(include industry type)</i>		
<input type="checkbox"/> Municipal		
<input type="checkbox"/> Community water supply <i>(include number of people/properties)</i>		
<input type="checkbox"/> Irrigation <i>(include area irrigated) – please note if you are increasing your irrigation area by more than 10 ha as at 2 September 2020 you may require an additional land use consent (National Environmental Standards – Freshwater, regulation 20-21).</i>		
<input type="checkbox"/> Small commercial/trade <i>(please give details)</i>		
<input type="checkbox"/> Dairy farm purposes <i>(include number of properties &amp; number of cows)</i>		
<input type="checkbox"/> Other <i>(please give details)</i>		

#### 3.2 Details of watercourse

<b>Name of watercourse</b>	
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#### 3.3 Type of watercourse

<i>(tick all that apply, specify details and state where in the AEE the information can be located)</i>	AEE Page Number	Section
<input type="checkbox"/> River or stream		
<input type="checkbox"/> Modified river or stream		
<input type="checkbox"/> Lake or pond		
<input type="checkbox"/> Man-made drain		
<input type="checkbox"/> Other		

3.4 Location of Activity		
<i>(state where in the AEE the information can be located)</i>	AEE Page Number	Section
<p>Provide a <b>site plan</b> showing the location of the activity and surrounding environment in relation to property boundaries.</p> <p>Describe the site, including aquatic ecology, species present, streambed substrate, wildlife habitats (wetland), etc. Please include photos.</p> <p><i>You can use the mapping system on our website (<a href="http://www.trc.govt.nz">www.trc.govt.nz</a> keywords 'local maps'). The maps include property boundary and contour layers. You can search by property, view and print topographic maps and aerial photographs.</i></p>		

3.5 Natural Inland Wetland – is there a wetland present?			
<i>(state where in the AEE the information can be located)</i>	Yes/No	AEE Page Number	Section
<input type="checkbox"/> Is there a wetland within 100 metres of the activity? If yes – has the wetland been delineated by a suitably qualified person?			
<input type="checkbox"/> Is there a hydrological connection between the taking of water and the wetland? – If no, describe how you have come to this conclusion.			
<input type="checkbox"/> Will the taking of water change or is it likely to change, the water level range or hydrological function of the wetland? – If no, describe how you have come to this conclusion.			
<b><i>If answered 'yes' to all of the above please, provide the relevant information as per FORM C – WETLANDS.</i></b>			

3.6 Water intake structure		
<i>(state where in the AEE the information can be located)</i>	AEE Page Number	Section
<input type="checkbox"/> No – there is no structure		
<input type="checkbox"/> Yes - structure requires a separate consent, and I will be completing the appropriate application form		
<input type="checkbox"/> Yes – structure is permitted. I have attached details plan(s) to scale of the intake structure and its placement over/in the bed of the watercourse, and included photos		

3.7 Screen details	
Mesh size – including justification for the size chosen	mm
Diameter of intake screen	mm
Length of intake screen	mm
Pumping velocity through Screen (e.g $\leq 0.3$ m/s)	mm

3.8 Efficiency of infrastructure and system		
(state where in the AEE the information can be located)	AEE Page Number	Section
Describe the water distribution system, including efficiency measures, control systems and management regime. Include plans where relevant.		

#### 4) Water take information

##### Notes about water take applications:

- Metering, monitoring and reporting requirements will be included in conditions of resource consent (if consent is granted)
- Larger volumes/rates of take are likely to be subject to more stringent monitoring/reporting requirements with higher ongoing charges associated with the consent. The rate and volume information may also be required to be automated.

##### 4.1 Purpose of water take (select all that apply)

(tick all that apply, specify details and state where in the AEE the information can be located)	AEE Page Number	Section
<input type="checkbox"/> A) Industry/Municipal (include industry type)		
Rate of take – litres per second		
Maximum time – hours per day		
Maximum Volume m <sup>3</sup> per day <b>AND</b> m <sup>3</sup> per year		
Information required by Appendix 1 of this application form		

<input type="checkbox"/>	<b>B) Irrigation</b>		
	Rate of take – litres per second		
	Maximum time – hours per day		
	Maximum Volume m <sup>3</sup> per day <b>AND</b> m <sup>3</sup> per week <b>AND</b> m <sup>3</sup> per year		
	<i>Area – hectares– please note if you are increasing your irrigation area by more than 10 ha as at 2 September 2020 you may require an additional land use consent (National Environmental Standards – Freshwater, regulation 20-21).</i>		
	Irrigation days per year		
	Soil type and efficient use		
	<i>Crop(s) – Provide the exact irrigation land area/s and a breakdown of area for each crop on a map. Specify the variety.</i>		
	Rate of application		
	Type of irrigation system e.g. Centre pivot/k-lines/travelling irrigator.		
<i>This consent will need to be managed under an Irrigation Management Plan. Please provide one with the application.</i>			

<input type="checkbox"/>	<b>C) Domestic Supply</b>		
	Rate of take – litres per second		
	Maximum time – hours per day		
	Maximum Volume m <sup>3</sup> per day <b>AND</b> m <sup>3</sup> per year		

<input type="checkbox"/>	<b>D) Stock watering</b>		
	Rate of take – litres per second		
	Maximum time – hours per day		
	Maximum Volume m <sup>3</sup> per day <b>AND</b> m <sup>3</sup> per year		

<input type="checkbox"/>	<b>E) Dairy shed wash down and cooling water</b>		
	Rate of take – litres per second		
	Maximum time – hours per day		
	Maximum Volume m <sup>3</sup> per day <b>AND</b> m <sup>3</sup> per year		

<input type="checkbox"/>	<b>F) Temporary take</b>		
	Rate of take – litres per second		
	Maximum time – hours per day		
	Maximum Volume m <sup>3</sup> per day		
	Number of occurrences per year <b>AND</b> maximum volume m <sup>3</sup> per year		
	Duration of take		

<input type="checkbox"/>	<b>G) Other</b>		
	Specify Activity		
	Rate of take – litres per second		
	Maximum time – hours per day		
	Maximum Volume m <sup>3</sup> per day <b>AND</b> m <sup>3</sup> per year		

<b>4.2 Water intake structure</b>			
<i>(state where in the AEE the information can be located)</i>		AEE Page Number	Section
Is this take currently metered? If 'Yes' provide details	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Is the data currently automated to Council? If 'Yes' provide details	<input type="checkbox"/> Yes <input type="checkbox"/> No		

## 5) Assessment of environmental effects (AEE)

**5.1 The Resource Management Act (RMA) 1991, requires resource consent applications to include an assessment of environmental effects (AEE), identifying the actual and potential effects that an activity may have on the environment. In addition, the applicant is required to identify the ways in which those effects can be avoided, remedied or mitigated.**

*It is important to provide a well-prepared AEE, otherwise we may not accept your application and/or ask for more information which will delay the processing time and add to the costs of the process.*

For more information on how to prepare an Assessment of Environmental Effects refer to the back of Form A – Administration Form

**It is not adequate to state that there are no environmental effects**

AEE included? (please attach separate document)

Yes

If relevant the AEE must include, but not be limited to:		AEE Page Number	Section
<input type="checkbox"/>	<b>Long-term effects</b> on the watercourse from intake structure <i>Consider fish passage, habitat, recreational values, landscape values, potential for bed or bank erosion, etc</i>		
<input type="checkbox"/>	<b>Efficient take/Reasonable use</b> <i>Provide reasoning for the volume sought; use applicable industry standards and site specific information and water use records to support your application. An efficient take is the lowest instantaneous rate of abstraction from the watercourse (litres per second) as practical for meeting the daily maximum volume. Efficiently should also be assessed on a seasonal basis. For municipal supplier address questions in Appendix 1 of this application form, for irrigation please address questions in Appendix 2 of this application.</i>		
<input type="checkbox"/>	<b>Allocation status</b> <i>Contact Councils Water Quantity Scientist for the current allocation status of the watercourse. If council do not hold sufficient flow data for calculating allocation then you may need to undertake flow gauging over the summer period.</i>		
<input type="checkbox"/>	<b>Effects on instream ecology from water take</b>		
<input type="checkbox"/>	<b>Cultural values</b> <i>Please engage Tangata Whenua to address this.</i>		
<input type="checkbox"/>	<b>Effect on existing authorised/downstream users</b> <i>How does rate and volume of take affect downstream users (for surface water takes) and users potentially affected by draw down (for groundwater takes). Identify any registered drinking water suppliers.</i>		
<input type="checkbox"/>	<b>Water Quality</b> <i>Will the taking of water have an impact on the water quality? Assessment of the residual flow and whether it provides for 2/3 habitat.</i>		
<input type="checkbox"/>	<b>Effects on recreation</b>		



<input type="checkbox"/>	<b>Effects on wetland(s) – if applicable</b> <i>Please note, if the taking of water is within 100 metres of a natural inland wetland you may require an additional consent under the National Environmental Standards for Freshwater.</i>		
<input type="checkbox"/>	<b>Proposed mitigation methods</b>		
<input type="checkbox"/>	<b>Consideration of alternatives</b> <i>Discuss your consideration of other methods for obtaining water and for the storage of water.</i>		
<input type="checkbox"/>	<b>Other effects (eg groundwater reduction)</b>		

## 6) Assessment against relevant objectives & policies of the relevant plan/s

### 6.1 A policy assessment is required by s88 and schedule 4 of the RMA.

Provide an assessment of the proposal against the relevant objectives and policies of the relevant regional plan(s), on our website: [www.trc.govt.nz](http://www.trc.govt.nz) and relevant documents including but not limited to the relevant IMP & NPS.

*For water suppliers please assess the take against the Resource Management (National Environmental Standards for Sources of Human Drinking Water) Regulations.*

<i>(state where in the AEE the information can be located)</i>	AEE Page Number	Section
Policy assessment included? <input type="checkbox"/> Yes		

## 7) Other consents required

### 7.1 What other consents are required from the Taranaki Regional Council for the proposed activity?

<i>(state where in the AEE the information can be located)</i>	AEE Page Number	Section
State what consent(s) is required, and whether it has been applied for.		

## SECTION C – To take groundwater

Please note if you are applying to take surface water, please do not complete this section  
– complete Section B instead

### 8) Details of the activity

The amount of information in your assessment of environmental effects (AEE) should correspond to the scale and significance of the proposal's environmental effects.

#### 8.1 Purpose of water take *(select all that apply)*

<i>(tick all that apply, specify details and state where in the AEE the information can be located)</i>	AEE Page Number	Section
<input type="checkbox"/> Industry <i>(include industry type)</i>		
<input type="checkbox"/> Municipal		
<input type="checkbox"/> Community water supply <i>(include number of people/properties)</i>		
<input type="checkbox"/> Irrigation <i>(include area irrigated) – please note if you are increasing your irrigation area by more than 10 ha as at 2 September 2020 you may require an additional land use consent (National Environmental Standards – Freshwater, regulation 20-21).</i>		
<input type="checkbox"/> Small commercial/trade <i>(please give details)</i>		
<input type="checkbox"/> Dairy farm purposes <i>(include number of properties &amp; number of cows)</i>		
<input type="checkbox"/> Temporary for bore drilling, dust control or pump testing		
<input type="checkbox"/> Other <i>(please give details)</i>		

#### 8.2 Location of Activity

<i>(state where in the AEE the information can be located)</i>	AEE Page Number	Section
<p>Provide a <b>site plan</b> showing the bore location, storage tanks and any area supplied with water.</p> <p>Coordinates to be provided in NZTM2000</p> <p><i>You can use the mapping system on our website (<a href="http://www.trc.govt.nz">www.trc.govt.nz</a> keywords 'local maps'). The maps include property boundary and contour layers. You can search by property, view and print topographic maps and aerial photographs.</i></p>		

8.3 Natural Inland Wetland – is there a wetland present?				
<i>(state where in the AEE the information can be located)</i>		Yes/No	AEE Page Number	Section
<input type="checkbox"/>	Is there a wetland within 100 metres of the activity? If yes – has the wetland been delineated by a suitably qualified person?			
<input type="checkbox"/>	Is there a hydrological connection between the taking of water and the wetland? – If no, describe how you have come			
<input type="checkbox"/>	Will the taking of water change or is it likely to change, the water level range or hydrological function of the wetland? – If no, describe how you have come to this conclusion.			
<b><i>If answered 'yes' to all of the above please, provide the relevant information as per FORM C – WETLANDS.</i></b>				

8.4 Neighbouring bores			
Are there any neighbouring bores/wells (within 2km)			
<input type="checkbox"/>	No		
<input type="checkbox"/>	Yes – please provide details including a field assessment. <i>Please note the TRC mapping system does not include all bore/wells.</i>		
<i>(state where in the AEE the information can be located)</i>		AEE Page Number	Section
Please provide names and address of neighbouring bores (within 2km), including their written approval if required			

9) Water take information
<b><u>Notes about water take applications:</u></b>
<ul style="list-style-type: none"> <li>▪ Metering, monitoring and reporting requirements will be included in conditions of resource consent (if consent is granted)</li> <li>▪ Larger volumes/rates of take are likely to be subject to more stringent monitoring/reporting requirement with higher ongoing charges associated with the consent. The rate and volume information may also be required to be automated.</li> </ul>

9.1 Bore/well Identification Number
If known, please supply existing GND number

<b>9.2 Bore/well information (please attach the bore log)</b>	
Bore depth below ground - mbgl	
Screen depths - mbgl	
Bore diameter - mm	

<b>9.3 Purpose of water take (select all that apply)</b>		
<i>(tick all that apply, specify details and state where in the AEE the information can be located)</i>	AEE Page Number	Section
<input type="checkbox"/>	<b>A) Industry/Municipal (include industry type)</b>	
	Rate of take – litres per second	
	Maximum time – hours per day	
	Maximum Volume - m <sup>3</sup> per day <b>AND</b> m <sup>3</sup> per year	

<input type="checkbox"/>	<b>B) Irrigation</b>	
	Rate of take – litres per second	
	Maximum time – hours per day	
	Maximum Volume - m <sup>3</sup> per day <b>AND</b> m <sup>3</sup> per week <b>AND</b> m <sup>3</sup> per year	
	<i>Area – hectares – please note if you are increasing your irrigation area by more than 10 ha as at 2 September 2020 you may require an additional land use consent (National Environmental Standards – Freshwater, regulation 20-21).</i>	
	Irrigation days per year	
	Soil type and efficient use	
	<i>Crop(s) – Provide the exact irrigation land area/s and a breakdown of area for each crop on a map. Specify the variety.</i>	
<i>This consent will need to be managed under an Irrigation Management Plan. Please provide one with the application.</i>		

<input type="checkbox"/>	<b>C) Domestic Supply</b>	
	Rate of take – litres per second	
	Maximum time – hours per day	
	Maximum Volume m <sup>3</sup> per day <b>AND</b> m <sup>3</sup> per year	

<input type="checkbox"/>	<b>D) Stock watering</b>		
	Rate of take – litres per second		
	Maximum time – hours per day		
	Maximum Volume m <sup>3</sup> per day <b>AND</b> m <sup>3</sup> per year		

<input type="checkbox"/>	<b>E) Dairy shed wash down and cooling water</b>		
	Rate of take – litres per second		
	Maximum time – hours per day		
	Maximum Volume m <sup>3</sup> per day <b>AND</b> m <sup>3</sup> per year		

<input type="checkbox"/>	<b>F) Temporary take</b>		
	Rate of take – litres per second		
	Maximum time – hours per day		
	Maximum Volume m <sup>3</sup> per day		
	Number of occurrences per year <b>AND</b> maximum volume m <sup>3</sup> per year		
	Duration of take		

<input type="checkbox"/>	<b>G) Other</b>		
	Specify Activity		
	Rate of take – litres per second		
	Maximum time – hours per day		
	Maximum Volume m <sup>3</sup> per day <b>AND</b> m <sup>3</sup> per year		

## 10) Assessment of environmental effects (AEE)

**10.1 The Resource Management Act (RMA) 1991, requires resource consent applications to include an assessment of environmental effects (AEE), identifying the actual and potential effects that an activity may have on the environment. In addition, the applicant is required to identify the ways in which those effects can be avoided, remedied or mitigated.**

*It is important to provide a well-prepared AEE, otherwise we may not accept your application and/or ask for more information which will delay the processing time and add to the costs of the process.*

For more information on how to prepare an Assessment of Environmental Effects refer to the back of Form A – Administration Form

**It is not adequate to state that there are no environmental effects**

AEE included? (please attach separate document)

Yes

If relevant the AEE must include, but not be limited to:		AEE Page Number	Section
<input type="checkbox"/>	<b>Efficient take/Reasonable use</b> <i>Provide reasoning for the volume sought; use applicable industry standards and site specific information and water use records to support your application. An efficient take is the lowest instantaneous rate of abstraction from the aquifer (litres per second) as practical for meeting the daily maximum volume. Efficiently should also be assessed on a seasonal basis. For municipal supplier address questions in Appendix 1 of this application form, for irrigation please address questions in Appendix 2 of this application form.</i>		
<input type="checkbox"/>	<b>Allocation status</b> <i>Contact Councils Water Quantity Scientist for the current allocation status of the aquifer.</i>		
<input type="checkbox"/>	<b>Drawdown effects</b> <i>How the drawdown may affect neighbouring bores, based on a 24 (or 72) hour pump and recovery test and analysis by a suitably qualified groundwater scientist/hydrogeologist. This should identify if any neighbouring bores are artesian.</i>		
<input type="checkbox"/>	<b>Effects on surface water, and wetland(s) – if applicable</b> <i>Please note, if the taking of water is within 100 metres of a natural inland wetland you may require an additional consent under the National Environmental Standards for Freshwater.</i>		
<input type="checkbox"/>	<b>Water Quality</b> <i>Assessment of bore log, including analysis of water quality. Discuss mitigations in place to avoid contamination of the aquifer.</i>		
<input type="checkbox"/>	<b>Saltwater Intrusion</b> <i>If the bore is close to the coast, include an assessment of the risk of saltwater intrusion based on sodium, chloride and electrical conductivity data from the bore, depth of bore and distance to the mean high water springs. Sodium, chloride and electrical conductivity data.</i>		
<input type="checkbox"/>	<b>Cultural values</b> <i>Please engage with Tangata Whenua to address this.</i>		

<input type="checkbox"/>	<b>Consideration of alternatives</b> <i>Discuss your consideration of other methods for obtaining water and for the storage of water.</i>		
<input type="checkbox"/>	<b>Any other effects</b>		
<input type="checkbox"/>	<b>Pump test results and analysis</b>		
<input type="checkbox"/>	<b>Water use records for replacement consents</b>		

## 11) Assessment against relevant objectives & policies of the relevant plan/s

### 11.1 A policy assessment is required by s88 and schedule 4 of the RMA.

Provide an assessment of the proposal against the relevant objectives and policies of the relevant regional plan(s), on our website: [www.trc.govt.nz](http://www.trc.govt.nz) and relevant documents including but not limited to the relevant Iwi Management Plans & National Policy Statements.

*For water suppliers please assess the take against the Resource Management (National Environmental Standards for Sources of Human Drinking Water) Regulations.*

<i>(state where in the AEE the information can be located)</i>	AEE Page Number	Section
<b>Policy assessment included?</b>	<input type="checkbox"/> Yes	

## 12) Other consents required

<b>12.1 What other consents are required from the Taranaki Regional Council for the proposed activity?</b>		
<i>(state where in the AEE the information can be located)</i>	AEE Page Number	Section
State what consent(s) is required, and whether it has been applied for.		

## SECTION D – To dam water

Please note this is for a consent under section 14 of the RMA for the damming of water. If you require a consent for the dam structure please fill out the land use form for structures.

### 13) Details of the activity

#### 13.1 Purpose of water dam

What is the purpose of the dam	
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#### 13.2 Details of catchment

Name of catchment	
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#### 13.3 Details of watercourse

Name of watercourse	
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#### 13.4 Type of watercourse

(tick all that apply, specify details and state where in the AEE the information can be located)	AEE Page Number	Section
<input type="checkbox"/> River or stream		
<input type="checkbox"/> Modified river or stream		
<input type="checkbox"/> Lake or pond		
<input type="checkbox"/> Man-made drain		
<input type="checkbox"/> Other		

#### 13.5 Location of Activity

<i>(state where in the AEE the information can be located)</i>	AEE Page Number	Section
<p>Provide a <b>site plan</b> showing the location of the activity and surrounding environment in relation to property boundaries.</p> <p>Describe the site, including aquatic ecology, species present, streambed substrate, wildlife habitats (wetland), etc. Please include photos.</p> <p><i>You can use the mapping system on our website (<a href="http://www.trc.govt.nz">www.trc.govt.nz</a> keywords 'local maps'). The maps include property boundary and contour layers. You can search by property, view and print topographic maps and aerial photographs.</i></p>		



13.6 Natural Inland Wetland – is there a wetland present?				
<i>(state where in the AEE the information can be located)</i>		Yes/No	AEE Page Number	Section
<input type="checkbox"/>	Is there a wetland within 100 metres of the activity? If yes – has the wetland been delineated by a suitably qualified person?			
<input type="checkbox"/>	Is there a hydrological connection between the damming and the wetland? – If no, describe how you have come to			
<input type="checkbox"/>	Will the damming change or is it likely to change, the water level range or hydrological function of the wetland? – If no, describe how you have come to this conclusion.			
<b><i>If answered 'yes' to all of the above please, provide the relevant information as per FORM C – WETLANDS.</i></b>				

13.7 Design of dam structure			
<i>(state where in the AEE the information can be located)</i>		AEE Page Number	Section
<input type="checkbox"/>	No – there is no structure		
<input type="checkbox"/>	Yes - structure requires a separate consent, and I will be completing the appropriate application form		
<input type="checkbox"/>	Yes – structure is permitted. I have attached details plan(s) to scale of the intake structure and its placement over/in the bed of the watercourse, and included photos		

13.8 Dam capacity			
<i>(state where in the AEE the information can be located)</i>		AEE Page Number	Section
<input type="checkbox"/>	What is the volume of the dam reservoir – provide details on the dams volume including seasonal variations.		
<input type="checkbox"/>	What is the catchment area?		
<input type="checkbox"/>			
<i>Please note, if the reservoir of your dam is <math>\geq 20,000 \text{ m}^3</math> and the height of the dam is <math>\geq 4</math> metres, then a building consent will be required in accordance with the Building Act 2004. The Building (Dam Safety) Regulations 2022 will also apply. Please contact the Council for more information.</i>			

**14) Assessment of environmental effects (AEE)**

**14.1** The Resource Management Act (RMA) 1991, requires resource consent applications to include an assessment of environmental effects (AEE), identifying the actual and potential effects that an activity may have on the environment. In addition, the applicant is required to identify the ways in which those effects can be avoided, remedied or mitigated.

*It is important to provide a well-prepared AEE, otherwise we may not accept your application and/or ask for more information which will delay the processing time and add to the costs of the process.*

For more information on how to prepare an Assessment of Environmental Effects refer to the back of Form A – Administration Form

**It is not adequate to state that there are no environmental effects**

AEE included? (please attach separate document)

Yes

If relevant the AEE must include, but not be limited to:		AEE Page Number	Section
<input type="checkbox"/>	<b>Long-term effects</b> on the watercourse from intake structure <i>Consider fish passage, habitat, recreational values, landscape values, potential for bed or bank erosion, etc</i>		
<input type="checkbox"/>	<b>Effects on instream ecology from water take</b> <i>How does the damming of water impact the habitat of fish and other species.</i>		
<input type="checkbox"/>	<b>Water Quality</b> <i>Will the damming of water have an impact on the water quality? Assessment of the residual flow and whether it provides for 2/3 habitat.</i>		
<input type="checkbox"/>	<b>Effect on existing authorised/downstream users</b> <i>How does rate and volume of take effect downstream users (for surface water takes) and users potentially affected by draw down (for groundwater takes). Discuss any potential effects of releasing water during flood event. Discuss the impacts of the damming on flood protection scheme in the catchment. Identify any registered drinking water suppliers.</i>		
<input type="checkbox"/>	<b>Effects on hydrology/water quantity</b> <i>How does the damming of water change the water quantity and nature of the flow in the existing environment? Particularly in low flow periods. What residual flow is being recommended include justification for the limit.</i>		
<input type="checkbox"/>	<b>Effects on flood carrying capacity.</b> <i>What are the effects on the downstream habitat and uses in case of dam failure? What provision has been made to cope with flood flows? Provide methods for releasing water, include any schedules which provide timings for release.</i>		
<input type="checkbox"/>	<b>Effects on recreation</b>		

<input type="checkbox"/>	<b>Effects on wetland(s) – if applicable</b> <i>Please note, if the damming of water is within 100 metres of a natural inland wetland you may require an additional consent under the National Environmental Standards for Freshwater.</i>		
<input type="checkbox"/>	<b>Proposed mitigation methods</b>		
<input type="checkbox"/>	<b>Consideration of alternatives</b> <i>Discuss your consideration of other methods for obtaining water and for off stream storage.</i>		
<input type="checkbox"/>	<b>Cultural values</b> <i>Please engage with Tangata Whenua to address this.</i>		
<input type="checkbox"/>	<b>Other effects (eg groundwater reduction)</b>		

## SECTION E – To divert water

Please note this is for a consent under section 14 of the RMA for the diversion of water. If you require a consent for the diversion structure please fill out the land use for structures.

### 15) Details of the activity

#### 15.1 Purpose of diversion

What is the purpose of the diversion	
--------------------------------------	--

#### 15.2 Details of watercourse

Name of watercourse/aquifer	
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#### 15.3 Type of watercourse

(tick all that apply, specify details and state where in the AEE the information can be located)	AEE Page Number	Section
<input type="checkbox"/> River or stream		
<input type="checkbox"/> Modified river or stream		
<input type="checkbox"/> Lake or pond		
<input type="checkbox"/> Man-made drain		
<input type="checkbox"/> Aquifer		
<input type="checkbox"/> Other		

#### 15.4 Location of Activity

(state where in the AEE the information can be located)	AEE Page Number	Section
<p>Provide a <b>site plan</b> showing the location of the activity and surrounding environment in relation to property boundaries.</p> <p>Describe the site, including aquatic ecology, species present, streambed substrate, wildlife habitats (wetland), etc. Please include photos.</p> <p>You can use the mapping system on our website (<a href="http://www.trc.govt.nz">www.trc.govt.nz</a> keywords 'local maps'). The maps include property boundary and contour layers. You can search by property, view and print topographic maps and aerial photographs.</p>		

<b>15.5 Natural Inland Wetland – is there a wetland present?</b>				
<i>(state where in the AEE the information can be located)</i>		Yes/No	AEE Page Number	Section
<input type="checkbox"/>	Is there a wetland within 100 metres of the activity? If yes – has the wetland been delineated by a suitably qualified person?			
<input type="checkbox"/>	Is there a hydrological connection between the diversion and the wetland? – If no, describe how you have come to this conclusion.			
<input type="checkbox"/>	Will the diversion change or is it likely to change, the water level range or hydrological function of the wetland? – If no, describe how you have come to this conclusion.			
<b>Please note that when installing roads or other hard surfaces you may be diverting ground water from the wetland, therefore a consent may be required.</b>				
<b>If answered 'yes' to all of the above please, provide the relevant information as per FORM C – WETLANDS.</b>				

<b>15.6 Nature of diversion</b>			
<i>(state where in the AEE the information can be located)</i>		AEE Page Number	Section
<input type="checkbox"/>	What is the catchment area?		
<input type="checkbox"/>	What is the rate/volume at which water will be diverted? - litres per second - cubic metres per day - cubic metres per week		
<input type="checkbox"/>	Will the diversion be intermittent or continuous? If so what will be the maximum operating period? - Hours per day - Days per week - Weeks per month - Months per year		
<input type="checkbox"/>	Describe the bed and nature of the diversion channel.		
Please provide names and address of affected neighbours, including their written approval if required			

<b>15.7 Does the diversion also involve other activities?</b>			
<i>(state where in the AEE the information can be located)</i>		AEE Page Number	Section
<input type="checkbox"/>	Taking water?		
<input type="checkbox"/>	Damming water?		
<input type="checkbox"/>	Discharges?		
<input type="checkbox"/>	Any structures (answer 15.8)		

15.8 Design of diversion structure		
<i>(state where in the AEE the information can be located)</i>	AEE Page Number	Section
<input type="checkbox"/> No – there is no structure		
<input type="checkbox"/> Yes - structure requires a separate consent, and I will be completing the appropriate application form		
<input type="checkbox"/> Yes – structure is permitted. I have attached details plan(s) to scale of the diversion structure and its placement over/under/in the bed of the watercourse, and included photos		

**16) Assessment of environmental effects (AEE)**

**16.1 The Resource Management Act (RMA) 1991, requires resource consent applications to include an assessment of environmental effects (AEE), identifying the actual and potential effects that an activity may have on the environment. In addition, the applicant is required to identify the ways in which those effects can be avoided, remedied or mitigated.**

*It is important to provide a well-prepared AEE, otherwise we may not accept your application and/or ask for more information which will delay the processing time and add to the costs of the process.*

For more information on how to prepare an Assessment of Environmental Effects refer to the back of Form A – Administration Form

**It is not adequate to state that there are no environmental effects**

AEE included? *(please attach separate document)*  Yes

If relevant the AEE must include, but not be limited to:	AEE Page Number	Section
<input type="checkbox"/> <b>Long-term effects</b> on the watercourse from intake structure <i>Consider fish passage, habitat, recreational values, landscape values, potential for bed or bank erosion, etc.</i>		
<input type="checkbox"/> <b>Effects on instream ecology</b> <i>How will the diversion of water have an impact on the ecosystem in the freshwater body?</i>		
<input type="checkbox"/> <b>Cultural values</b> <i>Please engage with Tangata Whenua to address this.</i>		
<input type="checkbox"/> <b>Effect on existing authorised/downstream users</b> <i>How does diversion effect downstream users- Identify any registered drinking water suppliers?</i>		
<input type="checkbox"/> <b>Water Quality</b> <i>Will the diversion of water have an impact on the water quality? Assessment of the residual flow and whether it provides for 2/3 habitat.</i>		

<input type="checkbox"/>	<b>Effects on hydrology/water quantity</b> <i>How does the diversion of water change the water quantity and nature of the flow in the existing environment?</i>		
<input type="checkbox"/>	<b>Effects on recreation</b>		
<input type="checkbox"/>	<b>Effects on wetland(s) – if applicable</b> <i>Please note, if the taking of water is within 100 metres of a natural inland wetland you may require an additional consent under the National Environmental Standards for Freshwater.</i>		
<input type="checkbox"/>	<b>Effects on flood carrying capacity.</b> <i>What are the effects on the downstream habitat and uses in case of dam failure?</i>		
<input type="checkbox"/>	<b>Proposed mitigation methods</b>		
<input type="checkbox"/>	<b>Consideration of alternatives</b> <i>Discuss your consideration of other methods of diverting water.</i>		
<input type="checkbox"/>	<b>Other effects</b>		

## 17) Appendix 1 – Reasonable use test for municipal suppliers

Please make sure to provide the following information in your application and AEE.

1. A description of the community water supply system including:
  - a. the location of the water source, surface water or groundwater abstraction point, and any relevant bore numbers; and
  - b. a description of the water conveyance method; and
  - c. the geographical extent of the water supply distribution network; and
  - d. the estimated population in the service area and the number of people supplied, or to be supplied, by the network; and
  - e. number and percentage of customer connections and types (residential, commercial, industrial, Council, agricultural and other) with meters and without meters.
  
2. An assessment of existing and future demand for water to meet:
  - a. reasonable domestic needs; and
  - b. public health needs; and
  - c. the responsibilities of municipal water supply authorities under the Local Government Act 2002 with respect to the supply of water; and
  - d. any staged increase in allocation that may be sought during the term of the water permit to meet these demands; and
  - e. an assessment of overall water demand (most recent year) including total annual production, average daily demand, peak daily demand and monthly totals across each water use category (as listed in 1e) as well as a water use per resident calculation; and
  - f. identify the largest commercial/industrial users with annual and seasonal demands; and
  - g. also need to discuss climate change and how that might affect their water use consumption.
  
3. A description of:
  - a. any proposed water conservation methods and measures to ensure efficient use of water (including both regulatory and non-regulatory actions). This could include, but not limited to: Information and education, water saving technologies and practices, recycling/reuse, unauthorised use checking, etc; and
  - b. measures to minimise water loss from the water reticulation network; and
  - c. how the above measures in (3a) and (3b) will be implemented; and
  - d. performance targets to measure the effectiveness of the methods implemented; and
  - e. the timeframe for review of any specified actions listed in the implementation plan.
  
4. An assessment of any alternative water sources available or alternative means of sourcing water; and
  
5. A water shortage/low flow management plan that includes:
  - a. methods to reduce consumption during water shortage conditions and particularly consumption by non-essential agricultural, residential, industrial or trade processes; and
  - b. a description of any methods to ensure water conservancy during times of drought, including but not limited to public education programmes and compliance or enforcement measures; and
  - c. this should include trigger points, water restriction stages, monitoring and enforcement, and any other actions.



## 18) Appendix 2 – Reasonable use test for irrigation of water

For takes where the water is being irrigated to land please provide the following details in your application and/or AEE. Consider using the irrivalc tool (<https://mycatchment.info/>) to support your answers.

- 1) For an irrigation consent, applications are required to provide a reasonable use test in relation to the maximum daily rate of abstraction return period and the seasonal or annual volume of the proposed take. When making decisions on the reasonableness of the rate and volume of take sought, the Council will:
  - a. consider land use, crop water-use requirements, on-site physical factors such as soil water-holding capacity, and climatic factors such as rainfall variability and potential evapo-transpiration; and
  - b. assess applications either on the basis of an irrigation application efficiency of 80% (even if the actual system being used has a lower application efficiency), or on the basis of a higher efficiency where an application is for an irrigation system with a higher efficiency; and
  - c. link actual irrigation use to soil moisture measurements in consent conditions. Climate and soil moisture information for Taranaki can be found here:  
<https://www.trc.govt.nz/assets/Documents/Environment/Freshwater/irrigation-optim-part1.pdf>