

**Land Use (Use of beds of lakes and rivers)**  
excluding Wetlands and 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.nz](mailto:consents@trc.govt.nz). Additional information may be found on our website.

Installation and use of instream structures is subject to rules in the **Regional Fresh Water Plan for Taranaki and the National Environmental Standards for Freshwater**. These documents are available at these links:

**Link to Regional Fresh Water Plan for Taranaki [RFPW]**

<https://www.trc.govt.nz/regional-fresh-water-plan>

**Link to National Environmental Standards for Freshwater [NES-FW]**

<https://environment.govt.nz/national-environmental-standards-for-freshwater>

**SECTION A – Initial information**

**1) Land Use Consent(s) applying for**

1.1 National Environmental Standard for Freshwater [NES-FW]	
Is the proposed activity within a natural inland wetland or within 100 metre setback of a natural inland wetland	<input type="checkbox"/> Yes
	<input type="checkbox"/> No
If you answered 'Yes' please assess your proposal against the NES-FW as further consent(s) may be required.	

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

**1.2 Please indicate the type and number of land use consents you are applying for on this form**

	Type	Number of applications	Previous consent number (if replacement or change)	
<input type="checkbox"/>	To install and/or use a bridge in, on or over the bed of a river or lake			<p><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></p>
<input type="checkbox"/>	To install and/or use a culvert in, on or over the bed of a river or lake			
<input type="checkbox"/>	To dam a stream			
<input type="checkbox"/>	To realign or divert a waterway			
<input type="checkbox"/>	To excavate, drill, tunnel, disturb or deposit material on the bed on a river or lake			
<input type="checkbox"/>	To install a structure (that is not one of the structures above)			
<input type="checkbox"/>	To drill a bore or well			
<input type="checkbox"/>	<b>Total number of land use consents applying for on this form</b>			

## 2) Site Photographs, location and works timetable

### 2.1 Site Photographs

<i>Please state where in the AEE the information can be located</i>		AEE Page Number	Section
	Digital File provided <i>[please tick to confirm inclusion]</i>	Hard copy provided	
At activity site	<input type="checkbox"/> (filename)	<input type="checkbox"/>	
Looking upstream from site	<input type="checkbox"/> (filename)	<input type="checkbox"/>	
Looking downstream from site	<input type="checkbox"/> (filename)	<input type="checkbox"/>	

### 2.2 Location of Activity

<i>Please state where in the AEE the information can be located</i>	AEE Page Number	Section
<p>Provide a <b>site plan</b> that clearly shows and labels the location of the proposed activity, waterways, property boundaries and any other significant features.</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>		

### 2.3 Works Timetable

<i>Please describe each activity in more detail and state where in the AEE the information can be located</i>	AEE Page Number	Section
How long will the work take? <i>(number of days)</i>		
Proposed date of work		
Proposed duration of instream works <i>(number of days)</i>		
Not Applicable – works already completed <b>(eg. replacement consents)</b>		

<b>Is any work in the water proposed between 1 May and 31 October?</b>		
<input type="checkbox"/>	No	
<input type="checkbox"/>	Yes	
	<i>If yes, please answer the following</i>	
<b>Please state where in the AEE the information can be located</b>	<b>AEE Page Number</b>	<b>Section</b>
<b>The May to October period is when fish spawning and migration occurs and may be disrupted by working in the stream. If the work is proposed during this period an assessment of the impact on fish migration and spawning will be required. Consultation and/or written approval may also be required from Fish &amp; Game and/or Department of Conservation.</b>		
<input type="checkbox"/>	Assessment of impact on fish migration/spawning attached	
<input type="checkbox"/>	Results of consultation attached	

### 3) Regional Plan and Activity Status

<b>3.1 Please advise the regional plan and/or National Environmental Standard (NES) regulation, and activity status of the consents applied for</b>		
<b>Please state where in the AEE the information can be located</b>	<b>AEE Page Number</b>	<b>Section</b>
<p><b>Please indicate the following for each activity:</b></p> <ul style="list-style-type: none"> <li>▪ The regional plan/NES-FW 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 e.g. Controlled	Permitted Activity Rule/Regulation not complied with and reasons why not met
<i>Install bridge</i>	<i>RFWP</i>	<i>64</i>	<i>Discretionary</i>	<i>Rule XX– unable to meet this because XXX</i>

## SECTION B – Bridges and culverts

Please note if your structure is not a bridge or culvert, please do not complete this section

### 4) Details of the Activity

#### 4.1 Describe the activity taking place

Where relevant this section must include, but not be limited to (tick all that apply):		AEE Page Number	Section
<input type="checkbox"/>	Detail whether the river is tidal at the structure's location		
<input type="checkbox"/>	Detail if the bridge/culvert will be used regularly as a crossing for livestock		
<input type="checkbox"/>	Detail whether any permanent realignment, reclamation or diversion associated with the installation of the bridge/culvert is proposed		
<input type="checkbox"/>	<i>If permanent realignment, reclamation or diversion is proposed show on map, attach appropriate drawings, describe and ensure the loss of river values and extent associated with the diversion is addressed in the NPS-FM assessment. Please ensure the relevant rules under the RFWP and NES-FW have been assessed for these activities as additional consents may be required.</i>		
<input type="checkbox"/>	Detail how often flood flows are expected to exceed the capacity of the bridge/culvert? <i>Eg More than once per year, Less than once every 10 years</i>		
<input type="checkbox"/>	Detail how it has been determined that the waterway capacity of the proposed bridge/culvert is adequate? <i>Eg TRC Engineer, Other Engineer's calculations</i>		
<input type="checkbox"/>	Detail whether the structure will include a Ramp, Apron and/or Flapgate. <i>(if Yes, provide details including dimensions)</i>		
<input type="checkbox"/>	Detail whether a spillway is included in the design. <i>(If Yes, please provide details below including gradient and surface material)</i>		
<input type="checkbox"/>	What is the width of the river at the water surface? (metres)		
<input type="checkbox"/>	What is the width of the river bed (ie. Including its banks up to full depth)		
<input type="checkbox"/>	Describe any vegetation clearance or soil disturbance required as part of the works, such as for providing access to the site, or within the banks to enable construction. Estimate the volume of soil disturbed in cubic metres.		
<input type="checkbox"/>	When the capacity is exceeded where will excess water go? Indicate flow paths on attached map if appropriate.		

<input type="checkbox"/>	Describe any likely effects of flows exceeding the waterway capacity of the bridge/culvert ( <i>e.g. undermining of structure, erosion of river bed/banks, damage to property</i> ). If flow will go over the culvert describe any protection on its downstream side.		
<input type="checkbox"/>	Describe how the construction will be undertaken, including details of any dewatering of the site during construction.		
<input type="checkbox"/>	Describe any rock armouring or other erosion protection work proposed as part of the culvert installation.		
<input type="checkbox"/>	Indicate your intended post construction re-planting and or maintenance programme to ensure the structure continues to function as planned.		
<b>Culvert Only</b>			
<input type="checkbox"/>	Describe what the proposed culvert is made of.		
<input type="checkbox"/>	Describe the proposed fill material and compaction standards to be used over the culvert. Where will the fill come from?		
<input type="checkbox"/>	What is the proposed length of the culvert pipe? _____ m		
<b>National Environmental Standards for Freshwater</b>			
	The culvert provides for the same passage of fish upstream and downstream as would exist without the culvert, except as required to carry out the works to place, alter, extend, or reconstruct the culvert.	<input type="checkbox"/> <b>Yes</b>	<input type="checkbox"/> <b>No</b>
	The culvert will be laid parallel to the slope of the bed of the river or connected area.	<input type="checkbox"/> <b>Yes</b>	<input type="checkbox"/> <b>No</b>
	The mean cross-sectional water velocity in the culvert is no greater than that in all immediately adjoining river reaches'	<input type="checkbox"/> <b>Yes</b>	<input type="checkbox"/> <b>No</b>
	The culvert's width where it intersects with the bed of the river or connected area (s) and the width of the bed at that location (w), both measured in metres, are:		
	(i) where $w \leq 3$ , $s \geq 1.3 \times w$ :	<input type="checkbox"/> <b>Yes</b> <input type="checkbox"/> <b>No</b> <input type="checkbox"/> <b>Not applicable</b>	
	(ii) where $w > 3$ , $s \geq (1.2 \times w) + 0.6$ ;	<input type="checkbox"/> <b>Yes</b> <input type="checkbox"/> <b>No</b> <input type="checkbox"/> <b>Not applicable</b>	
	The culvert will be open-bottomed or its invert will be placed so that at least 25% of the culvert's diameter is below the level of the bed.	<input type="checkbox"/> <b>Yes</b>	<input type="checkbox"/> <b>No</b>
	The bed substrate will be present over the full length of the culvert and stable at the flow rate at or below which the water flows for 80% of the time.	<input type="checkbox"/> <b>Yes</b>	<input type="checkbox"/> <b>No</b>
	The culvert provides for continuity of geomorphic processes (such as the movement of sediment and debris).	<input type="checkbox"/> <b>Yes</b>	<input type="checkbox"/> <b>No</b>

**Please also complete Section H**

**4.2 Dimensions of bridge**

<i>(state where in the AEE the information can be located)</i>	AEE Page Number	Section
Please provide details and attach plans of the dimensions of the bridge <i>An example of the dimensions required is located at the back of this application form</i>		

**4.3 Dimensions of culvert**

<i>(state where in the AEE the information can be located)</i>	AEE Page Number	Section
Please provide details and attach plans of the dimension of the culvert design (including a cross-section) <i>An example of the dimensions required is located at the back of this application form</i>		

**Please also complete Section H**

## SECTION C – Dam

Please note if your structure is not a Dam, please do not complete this section

### 5) Details of the Activity

#### 5.1 Does the dam already exist?

<input type="checkbox"/>	No	
<input type="checkbox"/>	Yes	
	<i>If yes, what year was the Dam constructed</i>	

#### 5.2 Will a building consent be required for your Dam?

<input type="checkbox"/>	No	
<input type="checkbox"/>	Yes - Dam height is at least 4 metres or higher and storage volume is at least 20,000 m <sup>3</sup> or 1 m or higher with a storage volume of 40,000 m <sup>3</sup> or more.	

#### 5.3 Describe the activity taking place

	Where relevant this section must include, but not be limited to (tick all that apply):	AEE Page Number	Section
<input type="checkbox"/>	Describe the purpose of the dam.		
<input type="checkbox"/>	Detail whether water will be taken from the dam? If Yes, what is the rate of take (m <sup>3</sup> /day)		
<input type="checkbox"/>	Describe the purpose of the take		
<input type="checkbox"/>	Enclose plans for dam design		
<input type="checkbox"/>	Detail the volume of the dam reservoir ( <i>at normal levels</i> )? (cubic metres)		
<input type="checkbox"/>	Detail the catchment area upstream of the dam? (hectares)		
<input type="checkbox"/>	Describe what the dam is [or to be] constructed of ( <i>i.e. building materials</i> )?		
<input type="checkbox"/>	Describe any works or temporary structures in the stream bed ( <i>e.g. coffer dams, diversions, channel realignment</i> ) that are proposed to facilitate dam construction. ( <i>Plans may need to be attached.</i> )		
<input type="checkbox"/>	Give details of the construction methodology [ <i>eg. Compaction standards, excavation of unsuitables, preparation of lake bed</i> ].		
<input type="checkbox"/>	Describe any permanent works proposed in the stream bed [ <i>eg. excavation of the reservoir</i> ].		



<input type="checkbox"/>	Detail if the dam will be across a permanently flowing stream? If the answer is no, comment on duration of dry period [eg. % of time, months per year]		
<input type="checkbox"/>	Comment on the effect the dam will have on flow downstream during dry periods. If provision has been made to allow some flow past the dam, please give details.		
<input type="checkbox"/>	Describe what provision is made for fish passage past the dam? Indicate species that will be provided for, and attach drawing of fish pass if appropriate. If no provision for fish passage is proposed explain why not.		
<input type="checkbox"/>	Describe what provision has been made to cope with flood flows? If there is no spillway explain how floodwaters will pass safely.		
<input type="checkbox"/>	Comment on the potential for damage in the event of dam failure (eg. effects on downstream bridges, roads, property).		
<input type="checkbox"/>	Comment on the effects of the reservoir (eg. potential flooding or other effects to neighbours).		
<input type="checkbox"/>	Detail whether the dam was designed by an engineer. If yes, give name of Engineer		

<b>5.4 Dimensions of dam – long and cross section</b>		
<i>(state where in the AEE the information can be located)</i>	<b>AEE Page Number</b>	<b>Section</b>
Please provide details and attach plans of the dimensions of the dam <i>An example of the dimensions required is located at the back of this application form</i>		

<b>5.5 Dimensions of dam – Spillway</b>		
<i>(state where in the AEE the information can be located)</i>	<b>AEE Page Number</b>	<b>Section</b>
Is a spillway proposed [or existing] to provide for flood flows?	<input type="checkbox"/> <b>Yes</b>	<input type="checkbox"/> <b>No</b>
Please provide details and attach plans of the dimensions of the spillway <i>An example of the dimensions required is located at the back of this application form</i>		

**Please also complete Section H**

## SECTION D – To realign or divert a waterway

Please note if your structure is not a realignment or diversion, please do not complete this section

**6) Details of the Activity**

**6.1 Riparian Management**

Before lodging this application you will need to have an up-to-date Riparian Management Plan (RMP), or have a Council officer confirm that no RMP is needed in your situation.

*Even very recent RMP's need to be updated so please contact the Council's Land Management Office and ask that your current RMP be updated, a new one prepared, or to get confirmation that no RMP is required.*

The options for contacting the Council's Land Management Office are set out below. Please indicate how you made contact by ticking the applicable box.

Contacted the Land Management Officer who manages your RMP  
 Emailed [riparian@trc.govt.nz](mailto:riparian@trc.govt.nz)

<input type="checkbox"/>	I have had my RMP updated or a new one prepared	<input type="checkbox"/> Yes <input type="checkbox"/> No
	Plan number	
	Name of Officer who completed the RMP	
<input type="checkbox"/>	A RMP is not required	<input type="checkbox"/> Yes <input type="checkbox"/> No
	Confirmed by (Officer's name)	

**6.2 Describe the activity taking place**

Where relevant the AEE must include, but not be limited to (tick all that apply):	AEE Page Number	Section
<input type="checkbox"/> What is the name of the river or stream where the work is proposed?		
<input type="checkbox"/> Please describe the current nature of the stream/river at the site of the proposed works. Include Channel Width, Channel Depth and Water Depth, bed material (eg rocky, silty) and bank vegetation		
<input type="checkbox"/> A detailed drawing of the proposed re-alignment or diversion including dimensions, must be included with this application.		
<input type="checkbox"/> Is the realignment/diversion on a permanently flowing stream?	<input type="checkbox"/> Yes <input type="checkbox"/> No	
<input type="checkbox"/> If the stream is not permanently flowing, comment on duration of dry period (eg % of time, months per year)		
<input type="checkbox"/> In your own words, briefly describe the activity you are undertaking:		

<input type="checkbox"/>	Describe the purpose of the proposed activity.		
<input type="checkbox"/>	Does the activity involve the following:		
<input type="checkbox"/>	Excavation of a new channel	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<input type="checkbox"/>	Filling a redundant channel	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<input type="checkbox"/>	Straightening a channel but keeping it in the same location	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<input type="checkbox"/>	Removing vegetation or clearing a channel	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<input type="checkbox"/>	Describe any excavation or other disturbance of the river/stream bed or banks that will occur.		
<input type="checkbox"/>	Describe any associated vegetation clearance or soil disturbance proposed beside the stream. [eg. Recontouring of adjacent paddocks] Mark the area on the map included.		
<input type="checkbox"/>	Describe any proposed earthworks/soil disturbance such as recontouring of adjacent paddocks. Mark the area on the map to be included.		
<input type="checkbox"/>	Provide details of the approximate area of earthworks/soil disturbance Eg < 1 ha, 1 to 8 ha, >8		
<input type="checkbox"/>	Detail the approximate volume of earthworks/soil disturbance Eg < 3000 m <sup>3</sup> , 3000 m <sup>3</sup> to 24,000 m <sup>3</sup> , >24,000 m <sup>3</sup> <b>(please note if discharge is above this amount an additional discharge consent may be required)</b>		
<input type="checkbox"/>	Give the details of the length of the existing channel.		
<input type="checkbox"/>	Give the details of the length of new channel.		
<input type="checkbox"/>	Outline the protection measures proposed to prevent erosion of the new channel e.g. rock armouring or gravel in the bed of the channel? If none proposed explain why not.		
<input type="checkbox"/>	Detail how often do you expect flood flows to exceed the capacity of the new channel? Eg <i>Less than once every 50 years, less than once every 10 years, less than once per year, more than once per year</i>		
<input type="checkbox"/>	Describe where you expect the excess water to go when the capacity of the new channel is exceeded? Indicate flow paths and any ponding areas on attached map if appropriate.		
<input type="checkbox"/>	Detail how have you determined that the waterway capacity of the proposed new channel is adequate? Eg <i>TRC Engineer, Other Engineer's calculations</i>		
<input type="checkbox"/>	Describe any likely effects of flows exceeding the waterway capacity of the channel. (eg. <i>erosion of river bed/banks or damage to property</i> )		

**6.3 Dimensions of Realignment/Diversion channel**

*(state where in the AEE the information can be located)*

**AEE Page Number**

**Section**

Please provide details and attach plans of the dimensions of the realignment/diversion channel design. *An example of the dimensions required is located at the back of this application form*

**Please also complete Section H**

## SECTION E – To excavate, drill, tunnel, disturb or deposit material on the bed of a river, or lake

Please note if your activity is not to excavate, drill, tunnel, disturb or deposit material, please do not complete this section

### 7) Details of the Activity

#### 7.1 Describe the activity taking place

	Where relevant this section must include, but not be limited to (tick all that apply):	AEE Page Number	Section
<input type="checkbox"/>	In your own words, briefly describe the activity you are undertaking		
<input type="checkbox"/>	Give full details of the activity and its purpose, including volumes and types of material involved, and the area of river affected. Attach plans as necessary.		
<input type="checkbox"/>	Describe how the activity will be undertaken, include description of any machinery to be used in the stream bed.		
<input type="checkbox"/>	Detail if any permanent realignment or diversion associated with the installation of the activity is proposed ( <i>show on map, and attach appropriate drawings</i> )		

#### 7.2 Drawing detailing the activity

	AEE Page Number	Section
<i>(state where in the AEE the information can be located)</i>		
Please provide details and attach plans of the proposed activity. Include dimensions eg depth of excavation, deposits and a real extent		

**Please also complete Section H**

## SECTION F – Other structures

Please note this section is for all other structures that don't fall into the categories above

### 8) Details of the Activity

#### 8.1 Please ensure your Assessment of Environmental Effects contains a details of activity section

	Where relevant this section must include, but not be limited to (tick all that apply):	AEE Page Number	Section
<input type="checkbox"/>	In your own words, briefly describe the activity you are undertaking.		
<input type="checkbox"/>	Describe the proposed structure [including building materials] and its purpose.		
<input type="checkbox"/>	Describe whether the structure is permanent or temporary. If temporary give details of the duration.		
<input type="checkbox"/>	Detail if any permanent realignment or diversion associated with the installation of the activity is proposed ( <i>show on map, and attach appropriate drawings</i> ).		
<input type="checkbox"/>	Describe how the construction will be undertaken, including details of any dewatering of the site during construction, and any excavation that is to occur.		
<input type="checkbox"/>	Indicate your intended post construction maintenance programme to ensure the structure continues to function as intended.		

#### 8.2 Drawing detailing the activity

<i>(state where in the AEE the information can be located)</i>	AEE Page Number	Section
Please provide details and attach plans of the proposed activity. Include dimensions including depth below stream bed.		

Please also complete Section H

## SECTION G – Bore/Well

Please note if your activity is not to install a bore or well, please do not complete this section

### 9) Details of the Activity

#### 9.1 Please ensure your Assessment of Environmental Effects contains a details of activity section

Where relevant this section must include, but not be limited to (tick all that apply):	AEE Page Number	Section
<input type="checkbox"/> In your own words, briefly describe the activity you are undertaking.		
<input type="checkbox"/> Describe if the bore/ well will be constructed to ensure that it does not allow access to more than one aquifer.		
<input type="checkbox"/> Describe if the bore/well be drilled following the NZS 4411:2001 [ <i>Environmental Standard for drilling of soil and rock</i> ].		
<input type="checkbox"/> Give details of the proposed bore/well diameter and proposed depth.		
<input type="checkbox"/> Details what the proposed use of the bore/well is for <i>eg Stock water, Ground water monitoring, Domestic supply (including number of properties it will service), Irrigation (including irrigation area proposed) or any other use.</i>		
<input type="checkbox"/> Describe if the bore/well will be constructed to ensure that it does not allow leakage from the ground surface into ground water.		
<input type="checkbox"/> If there are other bore/wells within 500 metres of your proposed bore/well give details and mark on site plan. <i>Give details of owners of bores, and whether the bores are unused, for water supply, monitoring or you don't know.</i>		
<input type="checkbox"/> Give details of the bore/well driller. <i>Include contact details such as email and mobile phone number.</i>		

*Note: The bore/well should be sited, and drilled to such a depth, that interference with other groundwater users and monitoring wells is minimised. The bore/well should also be constructed to minimise drawdown within the bore/well itself*

**Please also complete Section H**

## SECTION H – To be completed for all activities applied for

<b>10) Assessment against relevant objectives &amp; policies of the relevant plan/s</b>			
<b>10.1 A policy assessment is required by s88 and schedule 4 of the RMA.</b>			
Provide an assessment of the proposal against the relevant objectives and policies of the relevant regional plan(s), on our website: <a href="http://www.trc.govt.nz/">www.trc.govt.nz/</a> and relevant documents including but limited to the relevant Iwi Management Plan & National Policy Statement			
<i>(state where in the AEE the information can be located)</i>		AEE Page Number	Section
Policy assessment included?	<input type="checkbox"/> Yes		

<b>10.2 National Policy Statement for Freshwater Management 2020 (NPS-FM)</b>			
<p>Clause 3.26(1) of the NPS-FM requires the Regional Plan to include the following objective:</p> <p>‘The passage of fish is maintained, or is improved, by instream structures, except where it is desirable to prevent the passage of some fish species in order to protect desired fish species, their life stages, or their habitats.’</p> <p>Clause 3.24 of the NPS-FM directs that the Council cannot grant a consent that will result in a <b>loss of river extent and values*</b> unless it is satisfied that:</p> <ul style="list-style-type: none"> <li>(a) that there is a <b>functional need*</b> for the activity in that location; and</li> <li>(b) the effects of the activity are managed by applying the <b>effects management hierarchy*</b>.”</li> </ul> <p><i>Definitions located at <a href="https://environment.govt.nz/assets/publications/National-Policy-Statement-for-Freshwater-Management-2020.pdf">https://environment.govt.nz/assets/publications/National-Policy-Statement-for-Freshwater-Management-2020.pdf</a></i></p>			
<b>Loss of river extent and values</b>			
<b>Any loss of river extent and values that may result from the proposed structure must be detailed in this application.</b>			
<i>Please state where in the AEE the information can be located</i>		AEE Page Number	Section
<input type="checkbox"/>	No loss of river values for reasons detailed below <i>(provide reasoning in attached documentation)</i>		
<input type="checkbox"/>	Yes, there will be a loss of river extent and values. Full details are below and/or in attached documentation.		



Functional need					
If there is a loss of river values there must be a functional need for the structure at this location (tick boxes that apply).					
Please state where in the AEE the information can be located			AEE Page Number	Section	
<input type="checkbox"/>	Functional need not required because there will be no loss of river values				
<input type="checkbox"/>	Is there a functional need for the structure?				
<input type="checkbox"/>	For the reason that the structure is currently authorised, it is not practicable to remove it.				
<input type="checkbox"/>	For the reason that associated infrastructure, such as a road or other access, must cross the river at this location.				
<input type="checkbox"/>	For other reasons I have detailed in the attached documentation				

Effects Management Hierarchy					
If there is a loss of river values there must be a functional need for the discharge and the effects management hierarchy must be applied.					
Please state where in the AEE the information can be located			AEE Page Number	Section	
<input type="checkbox"/>	Application of effects management hierarchy is not required because there will be no loss of river values.				
<input type="checkbox"/>	Application of the effects management hierarchy is detailed in the attached documentation.				

## 11) Assessment of environmental effects (AEE)

**11.1 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)		<input type="checkbox"/> Yes	
Where relevant the AEE must include, but not be limited to (tick all that apply):		AEE Page Number	Section
<input type="checkbox"/>	Construction effects (eg stream bed disturbance, sediment release, fish passage) <ul style="list-style-type: none"> <li>▪ Is there a fish management plan for the effects to fish during installation of the structure,</li> </ul>		
<input type="checkbox"/>	Post-construction effects/effects of structure on the riverbed, upstream and downstream and in typical and extreme conditions (e.g. flooding, erosion, ecology). Provide an assessment and supporting calculations: <ul style="list-style-type: none"> <li>▪ Methods to reduce or prevent environmental effects after construction (such as restoring riparian margins, grassing and planting fill batters with native species, metalling approaches, stabilising abutments).</li> <li>▪ Describe any adverse effects that may occur from sediment disturbed during and immediately after work in the stream.</li> </ul>		
<input type="checkbox"/>	Effects on water quality (e.g. sedimentation) <ul style="list-style-type: none"> <li>▪ Will the discharge cause any conspicuous change in colour or clarity of water?</li> </ul>		
<input type="checkbox"/>	Effects on fish habitats and fish passage (e.g. perched culverts), and measures to mitigate effects (e.g. placing culvert invert below streambed, fish ladders, native planting): <ul style="list-style-type: none"> <li>▪ Describe any fish life in the redundant channel and any fish salvage proposed.</li> <li>▪ Could the bridge/culvert impede fish movements upstream or downstream of the structure? If so, how do you propose to mitigate any effects on fish passage? Note that fish passage may be impeded by high water velocity, steep drop out of culvert or a long smooth culvert pipe. It is common practice to bury the invert of the pipe below the bed of the stream to enable unimpeded water flow.</li> </ul>		

<input type="checkbox"/>	Effects on cultural values. Please see our website for iwi boundaries and contacts <a href="https://www.trc.govt.nz/council/working-with-iwi/iwi-contacts/">https://www.trc.govt.nz/council/working-with-iwi/iwi-contacts/</a>		
<input type="checkbox"/>	Alternatives <i>Include alternatives considered and reasons why they were discounted</i>		
<input type="checkbox"/>	Maintenance		
<input type="checkbox"/>	Contingency		
<input type="checkbox"/>	Monitoring		
<input type="checkbox"/>	Erosion and scour (including site sediment and erosion control (ESCP))		
<input type="checkbox"/>	Flooding – including assessment of flood carrying capacity of structure		
<input type="checkbox"/>	Effects on neighbour’s properties		
<input type="checkbox"/>	Other mitigation		
<input type="checkbox"/>	Are there any other environmental effects likely to occur and if so, how will they be mitigated?		

## 12) Other consents required/permitted activities

<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>	<b>AEE Page Number</b>	<b>Section</b>
State what consent is required, and whether they have been applied for.		
Give an assessment of whether there are any permitted activities that are part of the proposal. If there are other permitted activities involved how they meet the permitted standards for the rule.		

## **Site sediment and erosion control**

*Depending on the scale and significance of the proposal, the application may include an Erosion and Sediment Control Plan (ESCP) that gives full details of the measures proposed to ensure that sediment discharge to water and off-site effects of dust are avoided as far as practicable.*

*The ESCP shall as a minimum be based upon and incorporate all the relevant principles and practices for the activity applied for and contained within the Waikato Regional Council document titled "Erosion and Sediment Control – Guidelines for Soil Disturbing Activities"; and, shall include but not necessarily be limited to, the following:*

- a) Details of all principles, procedures and practices that will be implemented to undertake erosion and sediment control to minimise the potential for sediment discharge from the site, including flocculation if required;*
- b) The design criteria and dimensions of all key erosion and sediment control structures;*
- c) A site plan of a suitable scale to identify;
  - i) The locations of waterways;*
  - ii) The extent of soil disturbance and vegetation removal;*
  - iii) Any "no go" and/or buffer areas to be maintained undisturbed adjacent to watercourses;*
  - iv) Areas of cut and fill;*
  - v) Locations of topsoil stockpiles;*
  - vi) All key erosion and sediment control structures;*
  - vii) The boundaries and area of catchments contributing to all stormwater impoundment structures;*
  - viii) The locations of all specific points of discharge from the work area to the environment; and,*
  - ix) Any other relevant site information.**
- d) Construction timetable for the erosion and sediment control works and the bulk earthworks proposed;*
- e) Maintenance, monitoring and reporting procedures;*
- f) Rainfall response and contingency measures including procedures to minimise adverse effects in the event of extreme rainfall events and/or the failure of any key erosion and sediment control structures;*
- g) Procedures and timing for review and/or amendment to the erosion and sediment control measures listed in the ESCP; and,*
- h) Identification and contact details of personnel responsible for the operation and maintenance of all key erosion and sediment control structures.*

*The ESCP must include a plan of the site and detailed illustrations/descriptions for the construction, placement and management of sediment controls. It must also include the reasons why a particular control method is appropriate. For example, where a sediment pond is proposed accompanying information is expected to include pond dimensions, calculations showing the pond will work effectively, materials used, stabilisation methods used, other control methods within the pond and why these have been used over others (e.g. Floating T bars, Level spreading bars, Geotextile cloth on external wall to stop erosion, Goose neck pipes).*