

Form B – Land Use (Use of beds of lakes and rivers)

Land Use (Use of existing structures in the beds of lakes and rivers)

Note: This excludes wetlands (where no stream is present) 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.

To request a pre-application meeting or for help on who to involve in your application please contact consents@trc.govt.nz. Additional information may also be found on our website.

The continued use of instream structures is subject to rules in the **Regional Fresh Water Plan for Taranaki**. This document is available at this link:

Link to Regional Fresh Water Plan for Taranaki [RFPW]

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

SECTION A – Initial information

1) Land Use Consent(s) applying for				
1.1 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)	
<input type="checkbox"/>	To use an existing bridge in, on or over the bed of a river or lake			<i>Please note that a deposit is required for each consent application. The total deposit amount should match the number of consents and corresponding deposit listed in Section 9 (Fees and charges) of Form A</i>
<input type="checkbox"/>	To use an existing culvert in, on or over the bed of a river or lake			
<input type="checkbox"/>	To use an existing dam or weir in a waterbody <i>Please note an additional consent may be required for the damming of water.</i>			
<input type="checkbox"/>	To use an existing structure (that is not one of the structures listed above)			
<input type="checkbox"/>	Total number of land use consents you are applying for			

1.2 Site Photographs and Location				
<p>Please specify where in the AEE the information can be found</p> <p>Bridges: Abutments, soffit, both approaches to structure, ancillary structures. Culverts: Provide clear photographs of the inlet and outlet interior and exterior (upstream and downstream), ancillary structures. Weirs and dams: Provide clear photographs of both sides of structure, banks, ancillary structures.</p>		AEE Page Number	Section	Appendix
	Digital File provided <i>[please tick to confirm inclusion]</i>	Hard copy provided		
Of the structure	<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"/>		

1.3 Location of Activity		
<i>(Please specify where in the AEE the information can be found)</i>	AEE Page Number	Section
<p>Provide a site plan that clearly shows and labels the location of the proposed activity (NZTM coordinates), waterways, property boundaries and any other significant features.</p> <p><i>You can use the mapping system on our website (www.trc.govt.nz 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>		

2) Regional Plan and Activity Status

2.1 Please advise the regional plan and/or National Environmental Standard (NES) regulation, and activity status of the consents applied for

<i>(Please specify where in the AEE the information can be found)</i>	AEE Page Number	Section
<p>Please indicate the following for each activity:</p> <ul style="list-style-type: none"> ▪ The regional plan and rule you are applying under ▪ What permitted activity rule and standards are not being complied with and why ▪ What is the activity status of your application ▪ Please note most existing structures cannot meet Rule 52 of the RFWP <p><u>For efficiency Councils' preference is the information is provided in the format outlined below</u></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>Use an existing structure</i>	<i>RFWP</i>	<i>64</i>	<i>Discretionary</i>	<i>Rule 52 – unable to meet this because structure does not pre-date public notification of RFWP.</i>

Section B – Replacement Bridges and Culverts

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

3) Details of the Activity

3.1 Describe the activity taking place

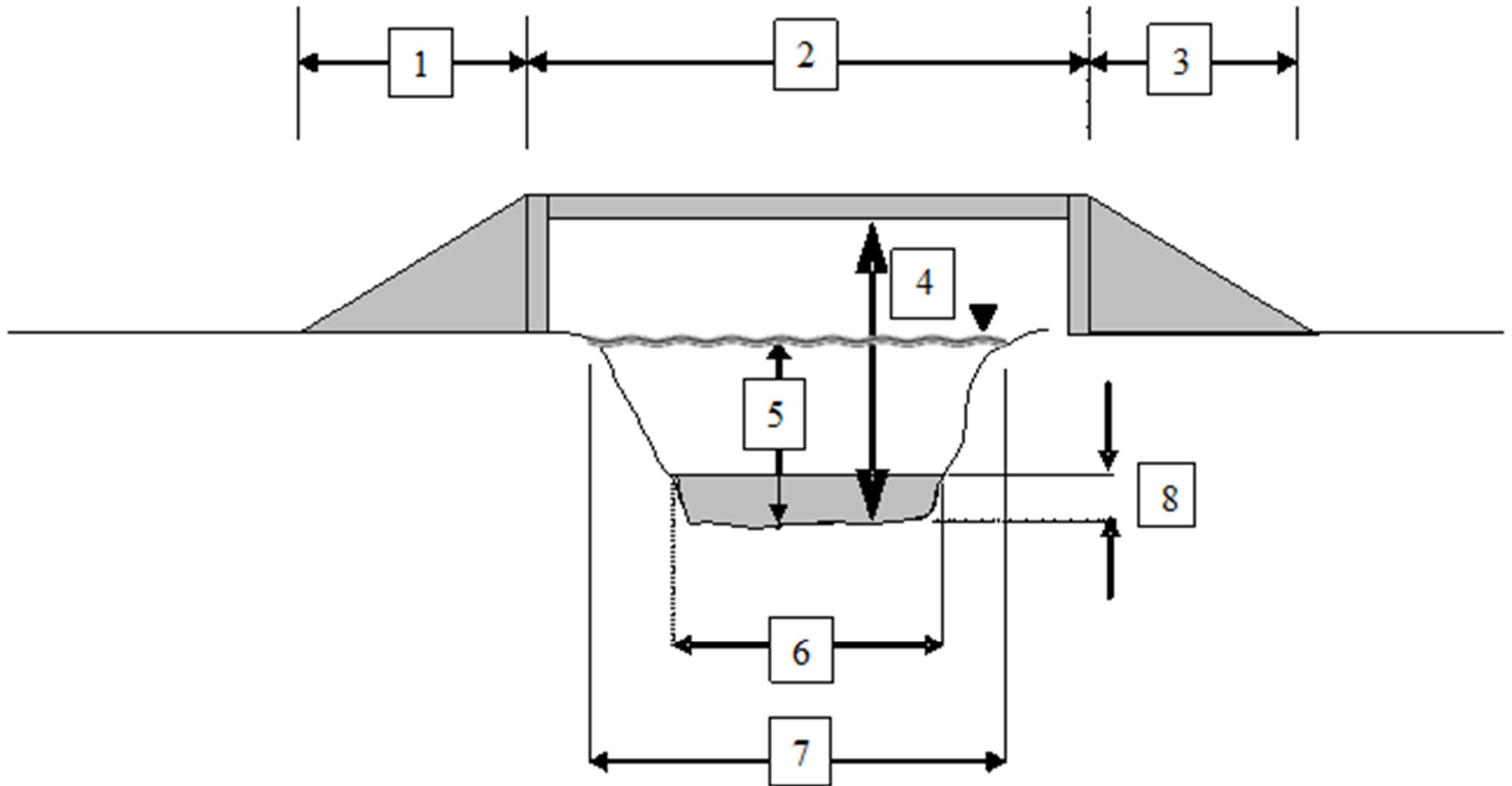
	Where applicable this section must include the following (tick all that apply):	AEE Page Number	Section
<input type="checkbox"/>	Specify if the bridge/culvert is used as a crossing for livestock and describe the measures in place to prevent effluent discharge into the stream		
<input type="checkbox"/>	Indicate whether the bridge/culvert includes a ramp, apron and/or flapgate. <i>(If yes, provide details including dimensions)</i>		
<input type="checkbox"/>	State whether a spillway is included in the design. <i>(If yes, provide details including gradient and surface material)</i>		
<input type="checkbox"/>	Description of any maintenance conducted during the consent term		

3.2 Dimensions of bridge

Please provide the following information and attach plans of the bridge dimensions:
Length, width, pile depth, abutment locations (in or out of the water)

Specify where in the AEE the information can be found or fill in the details below

	AEE Page Number/ or fill in the details	Section/ or provide further comments below
Materials bridge is made of		
Bridge length and width		
Pile depth		
Abutments in or out of channel		
Stream dimensions: top/bottom stream width/ water depth/ channel slope		
Upstream catchment area <i>e.g. 50 hectares</i>		
Waterway capacity (Annual Exceedance probability) <i>e.g. floods once in 50 years</i>		
Erosion protection <i>e.g. X metres of rock walls</i>		

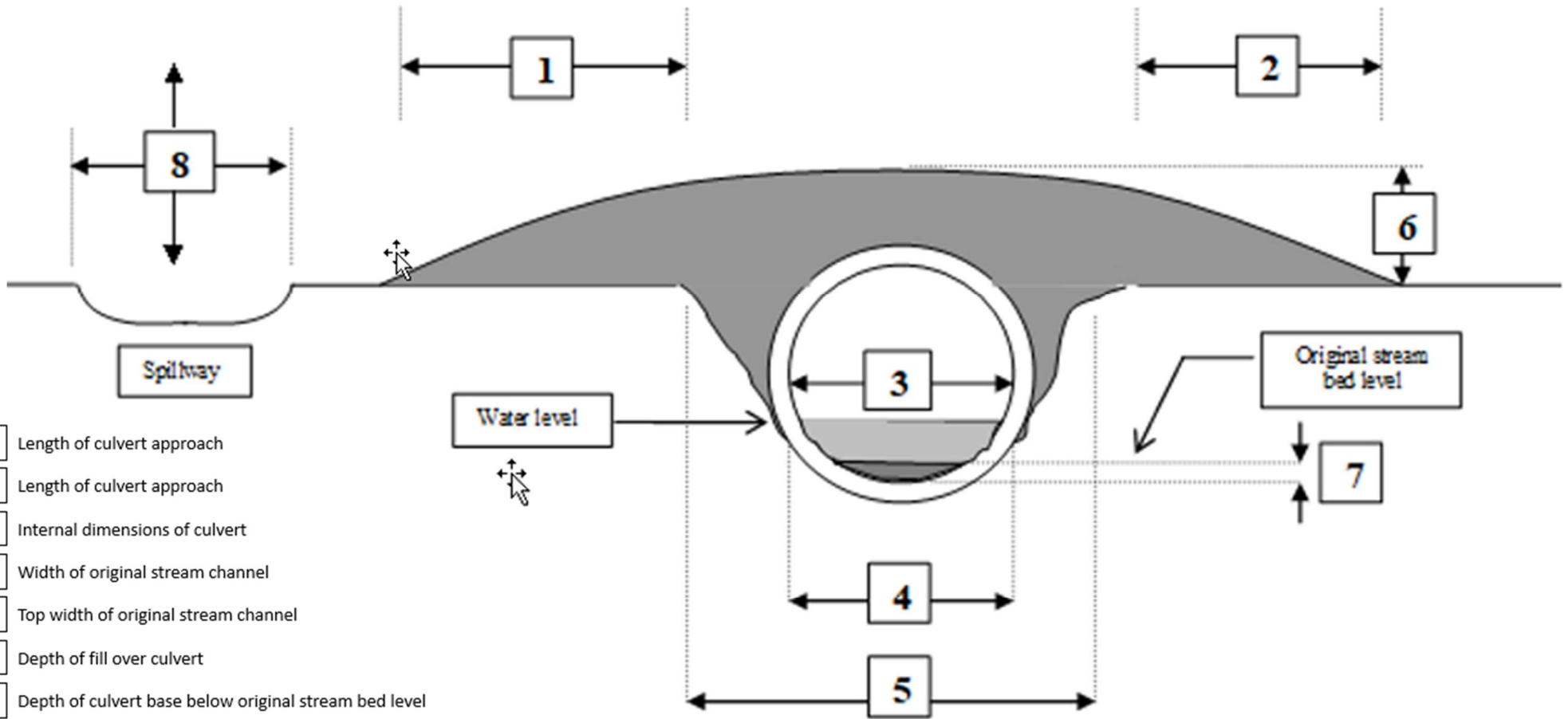


Please also complete Section E

3.3 Dimensions of culvert

Please provide the following details and attach plans of the dimension of the culvert design (including a cross-section):

	AEE Page Number/ or fill in the details	Section/ or provide further comments below
Material culvert is made of		
Pipe Diameter (for box culverts add height and width) (metres)		
Pipe length (metres)		
Depth of fill above culvert and description of fill material (metres)		
Stream dimensions: top/bottom stream width /water depth/ channel slope (metres)		
Catchment area at site <i>e.g. 50 hectares</i>		
Waterway capacity (Annual Exceedance probability) <i>e.g. floods once in 50 years</i>		
Depth of pipe invert below bed level (mm)		
Erosion protection <i>e.g. X metres of rock walls</i>		



- 1 Length of culvert approach
- 2 Length of culvert approach
- 3 Internal dimensions of culvert
- 4 Width of original stream channel
- 5 Top width of original stream channel
- 6 Depth of fill over culvert
- 7 Depth of culvert base below original stream bed level
- 8 Spillway width & depth [if applicable]

Please also complete Section E

Section C – Replacement Dams and Weirs

Please note if your structure is not an existing dam or weir, please do not complete this section

4) Details of the Activity

4.1 Describe the activity taking place

Where applicable this section must include the following (tick all that apply):	AEE Page Number	Section
<input type="checkbox"/> A description of the purpose of the dam or weir		
<input type="checkbox"/> Will water be taken from the dam or weir? If yes, specify the rate of take (m ³ /day)		
<input type="checkbox"/> Plans of dam or weir design		
<input type="checkbox"/> The volume of the dam or weir reservoir at normal levels (cubic metres)		
<input type="checkbox"/> The catchment area upstream of the dam or weir (hectares)		
<input type="checkbox"/> The construction materials used for the dam or weir (e.g. concrete, earth, etc.).		
<input type="checkbox"/> Is the dam or weir across a permanently flowing stream? If no, please comment on the duration of the dry period (e.g. percentage of time, months per year).		
<input type="checkbox"/> Comment on the effect the dam or weir has on downstream flow during dry periods. If provision are made to allow some flow past the dam or weir, please provide details.		
<input type="checkbox"/> Describe the provision for fish passage past the dam or weir. Indicate the species that will be accommodated and attach a drawing of the fish pass if applicable. If no provision for fish passage is proposed, please explain why not.		
<input type="checkbox"/> Describe provisions for coping with flood flows. If there is no spillway, explain how floodwaters are safely managed.		
<input type="checkbox"/> Comment on the potential damage in the event of dam or weir failure (e.g. effects on downstream bridges, roads, or property).		
<input type="checkbox"/> Comment on the effects of the reservoir (e.g. potential flooding or other impacts to neighbours).		
<input type="checkbox"/> Detail whether the dam or weir was designed by an engineer. If yes, please provide the engineer's name.		

4.2 Dimensions of dam or weir – long and cross section		
Please specify where in the AEE the information can be found	AEE Page Number	Section
Please provide details and attach plans of the dimensions of the dam or weir <i>An example of the dimensions required is located at the back of this application form</i>		

4.3 Dimensions of dam – spillway		
Please specify where in the AEE the information can be found	AEE Page Number	Section
Does a spillway exist to provide for flood flows?	<input type="checkbox"/> Yes <input type="checkbox"/> No	
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 E

Section D – Other existing structures

Only complete this section if your existing structure is not a bridge, culvert, dam or weir

5) Details of the Activity

5.1 Please ensure your Assessment of Environmental Effects contains a section detailing the activity

	Where applicable this section must include the following (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 structure [including constructed materials] and its purpose.		
<input type="checkbox"/>	Detail your maintenance programme to ensure the structure continues to function as intended.		

5.2 Drawing detailing the activity

Please specify where in the AEE the information can be found	AEE Page Number	Section
Please provide details and attach diagrams of the structure. Include dimensions including depth below stream bed.		

Please also complete Section E

Section E – Assessment of Environmental Effects

6) Assessment of environmental effects (AEE) for existing structures

6.1 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. The applicant must specify how these effects can be avoided, remedied or mitigated.

It is crucial to provide a well-prepared AEE. Failure to do so may result in your application being rejected or additional information being requested, which could delay the processing time and increase costs.

For guidance on preparing an Assessment of Environmental Effects refer to the back of Form A – Administration Form

For structures in the riverbed, Council considers the following main potential adverse effects:

- Flood carrying capacity
- Erosion and scour
- Fish passage
- Water quantity (for dams)

These effects must be assessed to avoid, remedy and/or mitigate the risks of flooding to people and property, the undermining of the structure’s integrity, sediment inundation in rivers and streams, obstruction of fish passage to native species, and ensuring conservation of water in streams and rivers.

Simply stating that there are no environmental effects is not sufficient.

Where applicable this section must include the following (tick all that apply):	AEE Page Number	Section
<input type="checkbox"/> <p>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):</p> <ul style="list-style-type: none"> ▪ Describe any fish life in the water body. ▪ Could the structure 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 structure 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. 		

<input type="checkbox"/>	<p>Effects of flooding and flood carrying capacity</p> <ul style="list-style-type: none"> • Describe how often floods exceed the structure's capacity. • Where does the water go when the capacity is exceeded? Does it affect neighbours property? • If floods overtop the structure, describe any protection measures on the downstream side. • Describe any blockages that have occurred due to the flood carrying capacity of this structure. 		
<input type="checkbox"/>	<p>Erosion and scour</p> <ul style="list-style-type: none"> • Describe any visible erosion or scour in the vicinity of the structure. • Describe the mitigation measures in place to prevent erosion and scour. 		
<input type="checkbox"/>	<p>Water quantity</p> <ul style="list-style-type: none"> • Detail the volume of the dam reservoir, and rate of take (if any). • Indicate whether the stream is permanent or temporary. • Comment on the effect the dam has on downstream flow during dry periods and any provision made to allow some flow past the dam. 		
<input type="checkbox"/>	<p>Effects on cultural values. Please see our website for iwi boundaries and contacts https://www.trc.govt.nz/council/working-with-iwi/iwi-contacts/</p>		
<input type="checkbox"/>	<p>Maintenance and monitoring</p> <ul style="list-style-type: none"> • Detail the maintenance undertaken for the structure e.g. recontouring the bed, clearing debris from the culvert pipe etc 		
<input type="checkbox"/>	<p>Are there any other environmental effects likely to occur and if so, how will they be mitigated?</p>		