

Application for Resource Consent: Works in a Waterbody Including structures, bridges or culverts

Form B: Activity Information and Assessment Form

A complete Administration Form (Form A) MUST accompany this Activity Information and Assessment Form (Form B) when lodging your application. The purpose of this Form is to provide the applicant with guidance on information that is required under the Resource Management Act 1991. These forms are to act as a guide only, and Horizons Regional Council reserves the right to request additional information.

Before filling out this form, please ensure that your proposed activity requires consent under the One Plan. Many of the activities under Chapter 17 are a permitted activity as long as you can meet certain conditions and standards. Some conditions are specific to the activity, and there are also 'general conditions' that apply to all permitted activities.

APPLICANT NAME
(Refer to Form A)

1 APPLICATION PURPOSE

What is the purpose of this application (select one)

- New consent
 Renewal of consent

Consent number Expiry date.....

Please describe what is it you wish to do?
(E.g. build a bridge, install a culvert etc.)

Consent term sought
(Max. 35 years)

Note: Resource consents are typically aligned with the relevant common catchment expiry dates in Policy 12-5 of the One Plan. Once constructed, the ongoing use and maintenance of the structure is a Permitted Activity under Rule 17-4 and/or 17-5 of the One Plan.

2 LOCATION AND SITE DETAILS

General address

Which river or waterway is your proposed activity connected with?
(If the waterway is unnamed, then please state this and name the stream/river it eventually flows into)

According to Schedule A of the One Plan, what Surface Water Management Zone is this in?

You can access this information via <http://www.horizons.govt.nz/publications-feedback/one-plan/part-3-annexes/schedules>

Please provide GPS grid references of the proposed activity location/s

Location 1:
Grid reference (NZTM 2000) E. N

Location 2:
Grid reference (NZTM 2000) E. N

Location 3:

Grid reference (NZTM 2000) E. N

A detailed site map is required with this application, please see Section 4 - additional information required.

Please provide a detailed description of the location of your proposed activity

Describe the physical attributes of the site (e.g. topography, ecology, bed materials, wildlife habitats, recorded archaeological sites and other significant features). Please attach any maps accordingly.

It would also be useful to provide colour photographs of the proposed activity location looking both up and downstream.

(Note: Please indicate on each photograph the direction the photographer is facing, the location the photograph is taken from, and the date it was taken).

3 DESCRIPTION OF THE PROPOSED ACTIVITY

Description of activity *(tick all that apply)*

- Erect, reconstruct, place, alter, extend, remove, or demolish any structure or part of any structure in, on, under, or over the bed of a stream or river.
- Excavate, drill, tunnel, or otherwise disturb the bed of a stream or river.
- Deposit any substance in, on, or under the bed of a stream or river.

- Reclaim or drain the bed of a stream or river.
- Wetland disturbance.
- Other (please specify)

Please describe the proposed activity

Purpose of activity

Materials to be used

Duration and timing of works

Machinery to be used

How will the site be accessed?

COMPLETE THE SECTION BELOW ONLY IF YOU ARE CONSTRUCTING A BRIDGE

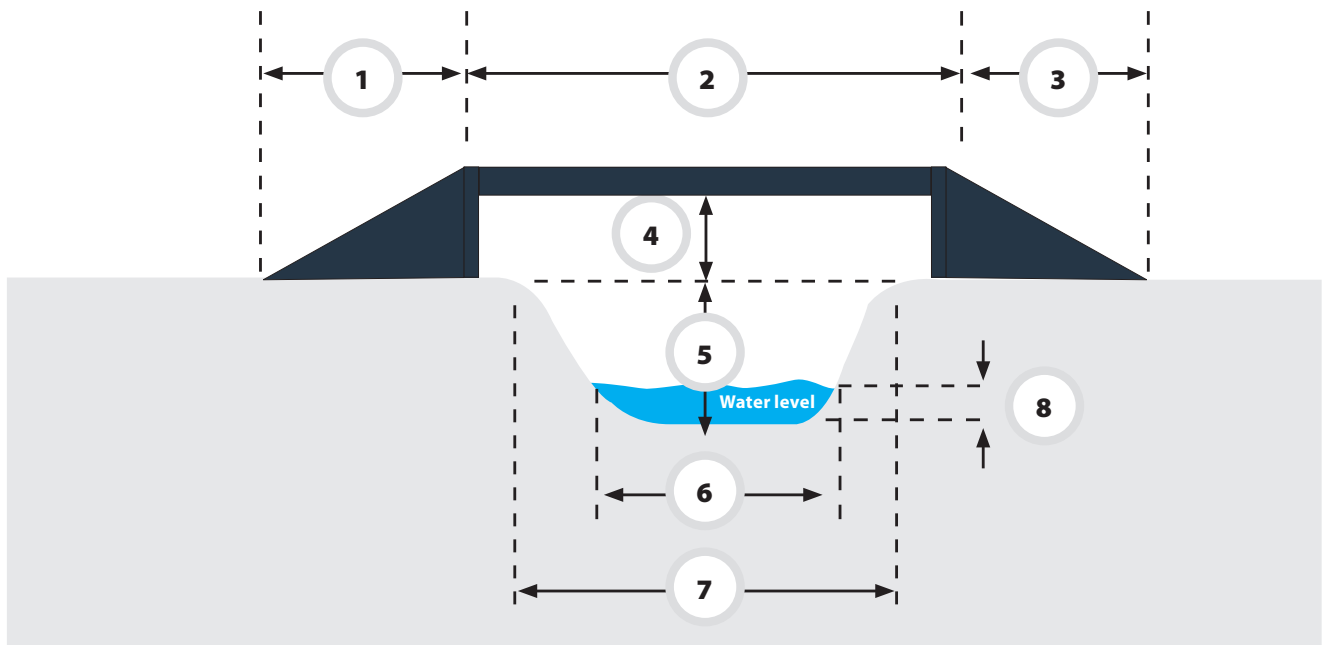
Alternatively you can provide the information detailed below in a separate plan.

Bridge construction, placement, and use.

Location of bridge abutments

- Outside banks of waterway Inside banks of waterway In bed of waterway

Please fill in the dimensions shown in the list below.



- 1. Length of bridge approach m
- 2. Length of bridge m
- 3. Length of bridge approach m
- 4. Height of bridge underside above natural ground level m
- 5. Height of natural ground level above stream bed m
- 6. Bed width of stream channel m
- 7. Top width of stream channel m
- 8. Average depth of water in the stream..... m

If there is to be a spillway, please indicate its dimensions

- Depth of spillway m
- Width of spillway m

How have you determined the waterway capacity of the proposed bridge is adequate?

(Tick the applicable box)

- Engineers calculations (attached)
- Ministry for the Environment Guidelines (refer to: <http://www.mfe.govt.nz/publications/land/culvertbridge-oct04/culvert-bridge-oct04.pdf>)
- Other method detailed below

COMPLETE THE SECTION BELOW ONLY IF YOU ARE CONSTRUCTING A CULVERT.

Culvert construction and use

What is the proposed culvert made of (e.g. concrete, PVC, etc.)

Length of culvert m

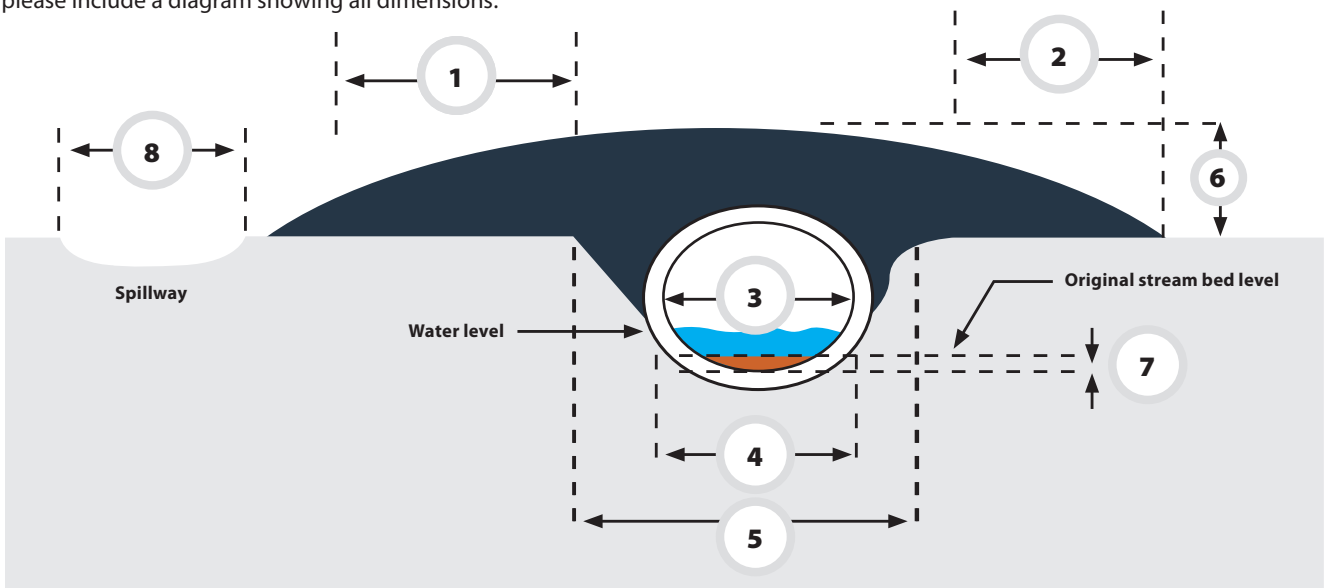
Number of barrels

Gradient at which culvert will be laid in the stream bed

Surface material of spillway, if required (e.g. rock, grass, geotextile)

Proposed fill material

Please fill in the dimensions shown on the diagram in the list below. If the culvert design is different from that shown below, please include a diagram showing all dimensions.



- 1. Length of culvert approach m
- 2. Length of culvert approach m
- 3. Circular culvert diameter..... m
OR Box culvert width.....m height..... m
- 4. Bed width of original stream channel..... m
- 5. Top width of original stream m
- 6. Depth of fill over culvert m
- 7. Depth of culvert base below original stream bed level m
- 8. Spillway width..... m

How have you determined the waterway capacity of the proposed culvert is adequate?

- Engineers calculations (attached)
- Ministry for the Environment Guidelines (refer to: <http://www.mfe.govt.nz/publications/land/culvertbridge-oct04/culvert-bridge-oct04.pdf>)
- Other method detailed below

COMPLETE THIS SECTION FOR OTHER IN-STREAM WORKS

Including bank stabilisation, erosion protection features, retaining works, fords, pipes etc.

Please provide detailed structural plans which

- Are to scale;
- Show dimensions; and
- Show length and width of the bed and banks that will be affected.

4 RULE ASSESSMENT

Many activities under Chapter 17 of the One Plan are permitted activities as long as you can meet certain conditions and standards. Some conditions are specific to the activity, and there are also 'general conditions' that apply to all permitted activities. Please ensure your activity is not a permitted activity under Chapter 17 of the One Plan.

There are a number of guideline documents which can help you determine the activity status available via <http://www.horizons.govt.nz/publications-feedback/publications/one-plan>. If you still require assistance, please contact the consents team freephone on **0508 800 800**.

Please indicate which rule of the One Plan your activity falls under

Chapter 17 can be accessed via <http://www.horizons.govt.nz/publications-feedback/one-plan/part-2-regional-plan/chapter-17>

5 ASSESSMENT OF ENVIRONMENTAL EFFECTS

For your application to be considered, an assessment of effects must be included. Please answer all questions below. Additional information may need to be provided depending on the scale and significance of your proposal.

Considering the Surface Water Management Zone your proposed activity is in, are there any Schedule B values identified for this reach of the river? Yes No

You can access this information via <http://www.horizons.govt.nz/publications-feedback/one-plan/part-3-annexes/schedules>

If 'Yes', please identify what values these are and describe how you intend to avoid, remedy or mitigate adverse effects of the proposed structure on each of these values?

(E.g. trout spawning – avoid work between 1 May to 30 September (inclusive))

Please note that depending on the values identified and the method of carrying out the proposed activity, a separate ecological assessment may be required by a suitable qualified independent ecologist, experienced in river ecological management.

Describe the actual and potential effects that the proposed activity could have on the environment.

Effects of during construction (e.g. disturbance of stream bed, sediment release, immediate vicinity). Please also comment if/how the water will be diverted during construction, including the duration, method, and effects of this.

Effects of the completed works or structure on the riverbed, both upstream and downstream, both in typical and extreme conditions (e.g. flooding upstream and/or downstream, ongoing erosion). Please provide an assessment and any supporting calculations. You will need to ensure you comment on where the water will go if the structure fails/blocks/collapses.

Effects on water quality (e.g. sedimentation effects).

Effects on fish passage and habitat (e.g. perched culverts), **and proposed measures to avoid them** (e.g. burying culvert invert below streambed, fish ladders).

Any other effects (including cultural).

6 GOOD MANAGEMENT PRACTICES AND MITIGATION MEASURES

Please include a description of the monitoring or good management practices to be undertaken to help avoid, reduce, remedy or mitigate the actual and potential effects on the environment.

What methods or actions will be used to reduce or prevent any identified environmental effects and stabilise the exposed earth?
You may need to refer to the "Erosion and Sediment Control Guidelines for the Wellington Region" (September 2002) for further information.

Please describe how you will minimise the release of silt, sediment and other contaminant into water.
Please provide an erosion and sediment control plan if applicable.

Do you have a flood contingency plan? Yes No
If 'Yes', please provide this plan with the application.

What methods or actions will be used to reduce or prevent any identified environmental effects after construction?
(e.g. grassing and planting of fill batters, metalling of approaches, stabilisation of abutments by gabion baskets)

What, if any, monitoring do you propose to carry out?

7 CONSIDERATION OF ALTERNATIVES

Describe any alternative options considered, and reasons why these are not proposed.

8 CONSULTATION/AFFECTED PARTIES

Please include evidence of any consultation undertaken for this application. This may include (but not be limited to) consultation with adjoining landowners, other consent holders in the immediate area, Iwi, government departments/ministries (e.g. DOC), territorial authorities and recreational associations (e.g. Fish and Game New Zealand). Please ensure that you have considered any statutory acknowledgements in the Horizons Region. For more information visit (<http://www.horizons.govt.nz/about-our-region-and-council/iwi-and-hapu/statutory-acknowledgements>)

If you are in doubt about who you should be talking to call a member of the consents team on **0508 800 800**.

Please provide details of those you have identified as parties who may be affected. If you have discussed your proposal with any of these parties, please record any comments made by them and your response to them, and submit this with your application.

Name

Address

.....

Affected party approval form attached

Name

Address

.....

Affected party approval form attached

Name

Address

.....

Affected party approval form attached

Name

Address

.....

Affected party approval form attached

9 NATIONAL ENVIRONMENTAL STANDARDS

NATIONAL ENVIRONMENTAL STANDARDS FOR SOURCES OF DRINKING WATER (NES-DW)

Are there any public water supplies that could be affected by your proposal? Yes No

An assessment under the NES-DW will need to identify any sources of human drinking water that supply more than 25 people that might be affected by the discharge. Horizons Regional Council holds a list of such water supplies within its region and will be able to provide assistance when identifying water supplies within the vicinity of the activity.

Discussion with the water supply operator may also be beneficial in determining whether the supply could be affected and what measures can be taken to ensure the quality of the water supply is maintained.

Please state any other NES that you consider may be relevant to your activity and provide an assessment against that NES.

10 RELEVANT STATUTORY PROVISIONS

The Resource Management Act 1991 requires this application to include an assessment of the proposed activity against the One Plan. Answering the following questions will satisfy this requirement. If you are unable to answer the questions below, or you believe your proposal is inconsistent with the relevant policies and documents discussed, it is recommended you seek professional planning assistance to help you with your application.

For a complete copy of the One Plan visit <http://www.horizons.govt.nz/publications-feedback/one-plan>

REGIONAL POLICY ASSESSMENT

The objectives and policies of Chapter 2 (Resource Management Issues of Significance to Hapu and Iwi) and Chapter 5 (Water) are relevant to this application.

Is the activity consistent with the relevant provisions of the Regional Policy Statement? Yes No

Please provide reasons for your answer above

Please list any other relevant objectives and/or policies of the Regional Policy Statement and provide an assessment of the activity against those objectives and/or policies.

REGIONAL PLAN ASSESSMENT

Objective 17-1 and Policies 17-1 and 17-2 of Chapter 17 of the Regional Plan may be relevant to this application.

Is the activity consistent with the relevant provisions of the Regional Plan? Yes No

Please provide reasons for your answer above

If there are other sections of the One Plan or any national planning document (e.g. NZ Coastal Policy Statement) that you consider are relevant, please provide an assessment of the activity against those relevant objectives/policies of the One Plan and/or national document.

11 ADDITIONAL INFORMATION CHECKLIST

- Completed administration form (Form A).
- A SITE plan to scale showing:
 - Surrounding key roads, towns etc. for orientation
 - The location of the proposed works
 - The location of any river crossing access points
 - Any structures within 500 metres upstream and downstream of the extraction point/s
 - Any other relevant features
- Colour photographs of the proposed activity location, looking 50 metres upstream and 50 metres downstream of the proposed site.
- Erosion and sediment control plan (if applicable)
- Flood contingency plan (if applicable)
- Affected party approval form/s

Please contact the consents team on freephone **0508 800 800** if you require assistance with your application.