



Environment Bay of Plenty
PO Box 364
Whakatane

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File ref.

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Office Use Only

Application for a Resource Consent – (Base Form) Resource Management Act 1991 (s.88)

**See notes to applicant (last pages of form) before
proceeding with application form**

Under section 88 of the Resource Management Act 1991, the undersigned hereby makes application for resource consent(s).

OTARA BRIDGE

1 Full name of applicant:

Company Name: Opotiki District Council

Contact Person: Mike Houghton

Postal Address: PO Box 44
OPOTIKI

Business phone: 07 315 3030

Facsimile number: 07 315 7050

Cell phone: 027 688 0334

Email: mikeh@odc.govt.nz

2 **Details of consultant**

All correspondence (*including invoices for charges*) relating to this application(s) should be sent to:

Applicant:

Consultant:

3 **Name and address of owner/occupier of the site relating to application**

(*only include this information if different to the applicant*)

Owner: Opotiki District Council and river bed

Contact details as above

4 **Consent(s) being applied for from Environment Bay of Plenty:**

Land use

Form 1 Beds of lakes and rivers (use, place, alter or remove structure in river, stream or lake; disturb bed of river, stream or lake (excluding shingle extraction); deposit substance in on or under bed of river, stream or lake).

Form 2 Land disturbing activities (earthworks, quarrying, vegetation clearance / harvesting / burning)

Form 3 Shingle extraction

Water (including coastal)

Form 4A Take surface water (includes intake structure)

Form 4B Take groundwater

Form 5 Dam/divert/use water

Form 6 Geothermal - take and discharge

Discharge (including coastal)

Form 7 Discharge contaminant to air

Form 8 Discharge contaminant or water to water

Form 9 Discharge contaminant to land

Form 10 Onsite effluent discharge

Form 11 Discharge farm dairy effluent

Coastal (see point 4 of information sheet for explanation of the coastal marine area).

Form 12 General (occupancy; disturb foreshore or seabed; plant foreshore or seabed; deposit substance, remove natural material, reclaim or drain; place, remove or alter structure).

5 Location description of activity:

Site Address: Bridge to be constructed over Otara River from north end of St John Street (unformed) located in Memorial Park, Opotiki.

Legal description:

The bridge structure occupies legal road (St John Street) and river bed (Otara River)

There is no legal description for this land.

The location is immediately adjacent on the south side to the following recreation reserve titles vested in the Opotiki District Council;

- Allotment 320 Sec 1 Town of Opotiki and,
- Allotment 321 Sec 1 Town of Opotiki

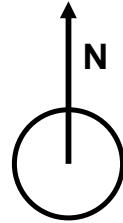
And on the north side;

- Allotment 311 Waioeka Parish, owned by the Whakatohea Maori Trust Board

Map reference NZMS 260

Site plan

Please provide a site plan showing any works relating to the proposal, area surrounding the site including the names of current owners and occupiers of adjoining property. A lot map from the district council will assist in identifying potentially affected parties.



6 In which district is the activity located:

- Whakatane District
- X Opotiki District
- Rotorua District
- Kawerau District
- Western BOP District
- Tauranga District
- Taupo District

Do you also require resource consent(s) from a district council? Yes

Type of consent required: Building Consent

Have these been applied for? Yes

7 Refer to relevant activity form.

(From Question 4)

8 Is this application to replace an existing or expired consent?

No

9 Duration of consent

Please specify the duration sought for your consent(s):

50 years

Start Date: February 2010

Completion Date (if applicable): Not applicable

10 Draft Conditions

I wish to see draft conditions for my comment before consent is granted and I agree to an extension of timeframes under section 37 of the Resource Management Act to allow this to occur.

Yes

11 DEPOSIT FEE

A deposit fee of \$774.00 (including GST) is payable with this application. This may be paid by cheque or online. Our bank account number is **06 0489 0094734 00**. Please use applicant's name as a reference. A GST invoice marked 'PAID' will be issued on receipt of payment. Processing of the application will not begin until the deposit fee has been paid. Additional charges are usually incurred for the majority of consents that are not minor. Staff can give an indicated range of expected costs.

Checklist

- Complete all details applicable in this application form.
- Include an assessment of effects of the activity, as set out in this application form.
- Include a site plan.
- Supply written approval from all affected parties.
- Sign and date the application form.
- Pay the required deposit. Our bank account number is **06-0489-0094734-00**. Please use applicant's name as a reference.
- Any information required by regional plan(s) or regulation(s).
- Include any other information you think relevant.

I have read and understand all of the information contained on this application form including the requirement to pay additional costs that will be itemised.

Signature _____ **Date** _____

IMPORTANT

NOTE TO THE APPLICANT PLEASE READ THIS BEFORE PROCEEDING WITH THE APPLICATION FORM

If you are unsure whether you require a resource consent for your proposed activity or you have any other queries, please contact a consents administration officer at Environment Bay of Plenty on 0800 ENV BOP (368 267).

IMPORTANT INFORMATION

- 1 **Processing of the application by Environment Bay of Plenty will not begin until the deposit fee of \$774.00 (including GST) is paid, unless prior arrangement has been made. If at the end of the processing of the application, the actual cost exceeds the deposit; you will be invoiced for the balance.**
- 2 You may also be required to pay a resource management charge associated with holding a consent. An Environment Bay of Plenty Consents Administration Officer will be able to provide you with more details. All charges are in accordance with section 36 of the Resource Management Act 1991. All accounts are payable by the 20th of the month following the date of invoice.
- 3 A copy of every coastal permit application will be forwarded to the Minister of Conservation. Applications that are Restricted Coastal Activities are subject to an additional charge of \$250 (including GST) for the Minister of Conservation's costs. Environment Bay of Plenty will collect this charge on behalf of the Minister.
- 4 The coastal marine area is the area from the outer limit of the territorial sea (12 nautical miles) to the line of mean high water springs. For activities at river mouths please contact an Environmental Consents Officer at Environment Bay of Plenty.
- 5 Section 42 of the Resource Management Act 1991 allows the protection of sensitive information. Therefore if your application includes trade secrets and/or commercially and culturally sensitive material please advise Environment Bay of Plenty.
- 6 Section 88 sets out the information you must provide with your consent application. Failure to provide the correct information will result in delays in the processing of your application.
- 7 Section 88 also requires that an environmental impact assessment be prepared. This assessment must be prepared in accordance with the Fourth Schedule of the Resource Management Act 1991. To assist in the preparation of the assessment a summary of the key requirements of the Fourth Schedule is attached to this information sheet.
- 8 Environment Bay of Plenty may decide not to proceed with the application until applications for further resource consents are made (section 91). It is therefore important to identify every consent required for the proposal at the outset.
- 9 Environment Bay of Plenty may request the applicant, by written notice, to provide further information if required (section 92). If this occurs the application will be put on hold and the processing timeframes stopped. Processing will not recommence until the information is received.
- 10 An application need not be publicly notified if the environmental effects are minor and if written approval has been obtained from everyone who is adversely affected by the granting of the consent (sections 94A and 95B). Environment Bay of Plenty has available forms to obtain approvals.
- 11 Under section 128(c) of the Resource Management Act 1991, Environment Bay of Plenty may undertake a review of any consent at any time if the application contains any inaccuracies that materially influences the decision made.

Description of Proposal

Construction of a pedestrian / cycle bridge is proposed over the Otara River at a location approximately .

The purpose of the bridge is to provide a safe alternative access to the coast from Opotiki for walkers and cyclists.

The bridge will form part of Motu Trails - an amenity / tourism cycle trail that extends from Opotiki over the bridge then along a, yet to be constructed, coastal cycle trail. A separate consent application is included for the coastal cycle trail, it is planned that this trail will be constructed over the same time period as the bridge.

The proposal consists of;

- a single span, 1.5 metre wide timber deck suspension bridge spanning 80 metres over the main flow channel of the river from the top of the stop bank in Memorial Park on the true left of the river to a point approximately midway between the stopbanks. The deck structure is suspended from two pole towers by wire rope cables tied to concrete deadman anchors.
- A 1.5 metre wide timber boardwalk approach spanning 31.5 metres to the bridge on the northern (true right) side founded on timber poles, linking to
- A30 metre earth ramp linking to the top of the existing stopbank on the true right.

Plans of the separate components of the bridge prepared by Frame Group are attached with this application.

Site / Location

A aerial plan is attached showing the location of the bridge.

Environmental Effects

Environmental effects of the bridge and its construction are assessed as follows;

1. Effects on River Flow Characteristics

The underside of the bridge deck ie the lowest part, is 1200 mm above the 1% AEP flood level of the Otara River and 1 metre above the top of the true left stopbank. Frame Group have liaised with BOP Regional Council Rivers and Drainage staff so that the design satisfies requirements with regard to flood level clearances.

The towers on the true left will be located in 600 diameter augered holes, cased in concrete and situated on top of the existing stopbank. It is understood that it will be necessary to liaise with Rivers and Drainage staff to obtain geotechnical advice during construction to implement measures that ensures this does not compromise the integrity of the stopbank structure. The deadman anchor on this side will be located over 30metres from the top of the stopbank - it is the applicants understanding that the excavation associated with this installation is sufficient distance from the stopbank so that it does not impose any risk

Structures n the true right will be located in the flood channel of the river. The north towers will be fixed to a reinforced concrete pile head on four 300mm diameter driven poles. This is to accommodate the additional tower height required in the flood channel. A further, 8 pairs of driven poles will be located at 4 metre spacing to support the board walk structure and; and finally an earth ramp will be formed connecting the boardwalk / cycletrail to the top of the true right stopbank. From this stopbank the cycletrail leaves the flood channel of the Otara and tracks northwards along the top of a separate stopbank byside an unnamed water course.

The effect of these separate structures on the flow characteristics of the river is that either collectively and individually they obstruct the flow of the river when in flood and potentially act as debris barriers and, in that the piles on the true left have some potential to compromise the integrity of the stopbank.

2. Earthworks

The major earthworks required will be;

- a) excavations to install two deadman structures at each end of the bridge. Each deadman represents 4.2 cubic metres of concrete and located a minimum of 3.0 metres deep. It is estimated that each deadman will require an excavation of approximately 60 cubic metres of material with 4.2 metres (equating to the concrete) surplus. Total 120 cubic metres earthworks and 8.4 metres surplus.
- b) The depth of the two holes augured into stopbank is subject to geotechnical advice but the volume of earthworks will be in the order of 15 – 20 cubic metres.
- c) Excavation to construct concrete pile head on true right equates to approximately 5 cubic metres of material which will be used in the construction of the earth ramp.
- d) Formation of an approach ramp to the true left of the bridge; from Memorial Park to top of stopbank. This will be inside the stopbank and will be constructed along side or on top of existing stopbank. Total volume of earthworks equates to less than 100 cubic metres and will be sourced elsewhere.

Vegetation that will be disturbed is grass and adventive weed species.

While these earthworks are less than minor in scale because of the close proximity to the river there is some risk of sediment contamination.

3. Potential Discharge of Contaminants

There will be no intentional direct discharge of contaminants to either air, land or water as a direct result of the proposal. There is potential however for accidental spillage of petrochemicals from machinery used on site.

Measures to Avoid Remedy Mitigate any Significant Environmental Effects

1. Bridge design has adequately avoided or mitigated significant effects on river flow characteristics or potential to form debris dam.
2. Effects of proposed earthworks are less than minor. Potential sediment contamination will be mitigated by;
 - i) clear instructions to contractors not to deposit material in river and
 - ii) Establishment of grass to all exposed earth on the site as soon as practicable after completion of earthworks
3. Contractors will be briefed on this risk and required to
 - i) check machinery and
 - ii) understand procedures in the event of an accident to contain and dispose any spillage.

Consultation with affected parties;

Affected parties identified as follows;

1. Opotiki District Council as roading authority
2. Adjacent property owners;
 - i) Whakatohea Maori Trust Board
 - ii) Gordon Estate farm