

# Application For Resource Consent to Construct or Alter a Bore

*(Including Changes to Conditions of Current Resource Consents)*

## PART A: Contact Details

Pursuant to Section 88 of the Resource Management Act 1991, the undersigned hereby applies for a permit in accordance with the details below:

### FOR OFFICE USE ONLY

Consent No: \_\_\_\_\_

Fee: \_\_\_\_\_

Customer No: \_\_\_\_\_

## 1. \*Applicant(s) Details

**Company Name:** *(if applicable)* \_\_\_\_\_

**Name(s):**

*First Name(s)* \_\_\_\_\_ *Surname:* \_\_\_\_\_

*First Name(s)* \_\_\_\_\_ *Surname:* \_\_\_\_\_

*First Name(s)* \_\_\_\_\_ *Surname:* \_\_\_\_\_

*First Name(s)* \_\_\_\_\_ *Surname:* \_\_\_\_\_

**Contact Person Details** *(if applicable)*

Name of Contact Person: \_\_\_\_\_

Postal Address: \_\_\_\_\_

Street Address: *(if different from above)* \_\_\_\_\_

**Phone Number:**

Business: \_\_\_\_\_ Private: \_\_\_\_\_

Mobile: \_\_\_\_\_

Email Address: \_\_\_\_\_

## 2. Consultant/Agent Details *(if applicable)*

Consultant/Agent Name: \_\_\_\_\_

Postal Address: \_\_\_\_\_

**Phone Number:**

Business: \_\_\_\_\_ Private: \_\_\_\_\_

Mobile: \_\_\_\_\_

Name of Contact Person: \_\_\_\_\_

Email address: \_\_\_\_\_

## 3. All correspondence relating to this application should be sent to: *(tick one only)*

Applicant     Consultant/Agent     Other *(specify)* \_\_\_\_\_



## 4.\* Bore details

Date constructed (if existing) \_\_\_\_\_ Diameter (mm) \_\_\_\_\_

Bore number (WWD) \_\_\_\_\_ (if known) \_\_\_\_\_

*Note: GL refers to 'ground level'*

Depth (metres) from GL to bottom of bore/well \_\_\_\_\_

Depth (metres) from GL to top of screen \_\_\_\_\_

Water level (metres) below GL in a typical summer is \_\_\_\_\_

Is there a concrete pad around the bore head?  Yes  No

Does the top of the casing rise at least 0.3 metres above the ground level?  Yes  No

Is there access for water level monitoring (e.g. a plugged hole in the top of the casing)?  Yes  No

Is there access for taking a water sample?  Yes  No

Is the bore above any flooding level?  Yes  No

If 'no', is the bore sealed to prevent ingress of flood water?  Yes  No

## 5. Method of construction

Drilling  Clamshell  Digger  Driving (*pipes, piles*)

Other (*specify*) \_\_\_\_\_

## 6. What is your proposed date to start work?

Name of driller or contractor (*if known*): \_\_\_\_\_

I acknowledge that the term of this consent is one year from the date of granting  Yes  No

## 7.\* Please confirm that you or your contractor have read the New Zealand Standard NZS 4411:2001 and that

bore construction will comply with all stated relevant matters  Yes  No

## PART C: Assessment Of Effects Of The Proposed Activity On The Environment

### 1.\* Effects on Water Sources and Other Water Users

Use the table below to provide information relating to all adjacent properties and to the nearest property with a bore in each direction (if not adjacent). The names of property owners and locations of their water sources can also be shown on your location map.

Attach details on a separate sheet if necessary.

(a) Name of owner	(b) Water Source(s)	(c) Permit number if held	(d) Distance to their Water Source (metres)	(e) Their use(s) of Water
If other person(s) will take water from this bore, provide their details below				
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### 2.\* Water Quality

Has a water quality analysis been undertaken or proposed from your bore or have you access to the results of an analysis on any nearby bores?

Yes  No If **YES**, attach a copy of any results.

Within 150 metres of your bore are there any septic tanks, waste disposal areas including any farm dump, ofal pit or any sheep dip site? If so, indicate the distance between these and your bore. New bores should be greater than 20 metres from any septic tank.

Nature of waste disposal	Distance from take point (metres)

Identify any waste disposal area on the aerial photo attached to this application.

### 3.\* From the Tasman Resource Management Plan (TRMP):

- (i) In what water management zone is your bore located? \_\_\_\_\_
- (ii) What is the relevant bore spacing requirement in this zone? \_\_\_\_\_ metres
- (iii) Does the location of your bore relevant to any neighbouring bore comply with the above spacing requirement?  Yes  No
- (iv) Is the bore greater than 20 metres from any bank of a watercourse?  Yes  No
- (v) Is the bore greater than 20 metres from the toe of any stopbank?  Yes  No
- (vi) Is the bore within any floodway?  Yes  No
- (viii) I have identified and located on the aerial photo all bores (used and unused) on the property.  Yes  No

## PART D: Mitigation of Adverse Effects

Describe steps you will be taking to mitigate any adverse effects including the sealing of bores where surface water ingress is a problem, installing water meters or backflow prevention devices.

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## PART D: Consultation

List below those parties consulted, their address and/or phone number, any concerns they have expressed and your response to this (attach additional list and/or supporting information where appropriate).

1.\* Name: \_\_\_\_\_ Address: \_\_\_\_\_

Position: \_\_\_\_\_

Their concerns: \_\_\_\_\_

Your response: \_\_\_\_\_

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2. Name: \_\_\_\_\_ Address: \_\_\_\_\_

Position: \_\_\_\_\_

Their concerns: \_\_\_\_\_

Your response: \_\_\_\_\_

3. Name: \_\_\_\_\_ Address: \_\_\_\_\_  
\_\_\_\_\_  
Position: \_\_\_\_\_  
Their concerns: \_\_\_\_\_  
\_\_\_\_\_  
Your response: \_\_\_\_\_  
\_\_\_\_\_

## PART F: Declaration

I hereby certify that, to the best of my knowledge and belief, the information given in this application is true and correct. I undertake to attach the required aerial photo of the property. **I also undertake to pay all actual and reasonable application processing costs incurred by the Tasman District Council.**

Signature of Applicant or Agent: \_\_\_\_\_ Date: \_\_\_\_\_

Name (*block capitals*) \_\_\_\_\_

Designation: (*eg. owner, manager, consultant*) \_\_\_\_\_

Please attach your Deposit Fee payment for this application. Refer to the fee schedule for details.

## Background: Tasman Resource Management Plan (TRMP)

Applicants for groundwater permits in Tasman District need to be familiar with Variations 15 and 16 of the Tasman Resource Management Plan (TRMP) that were publicly notified on 3 November 2001. Submissions have now closed and hearings are being held to these plan changes, which cover all Tasman District.

Some of the proposed policies and rules in the TRMP may change as a result of submissions. However, in most water management zones the proposed rules need to be referred to by applicants. Reference copies of the TRMP are available at Council's offices and libraries and copies of the relevant policies and rules in your zone can be obtained from Council's offices.

Under the Resource Management Act (RMA) 1991, firefighting use is exempt from requiring a resource consent. In addition, proposed "rules" in the TRMP provide for stock water use to be unlimited and household and other uses are permitted (ie no consent is required) if daily use is less than five cubic metres per property per day. Some exceptions and conditions do apply.

Council's application forms are designed to address the information and assessment of effects required under both the TRMP and the Resource Management Act. For many applications, this will be sufficient information but Council may request additional information particularly where an application is complex or the effects significant. For groundwater applications, in some locations Council has drilled test bores and collected pumping drawdown data, estimated river depletion effects etc. Applicant's are referred to Council's Resource Scientist (phone (03) 543 8494) to obtain or discuss this information where it is necessary to answer various questions. You will need to provide your bore's location, bore depth and the pumping rate. In some areas, Council will have inadequate information and Council reserves the right to require applicants to undertake investigations including bore testing.

The TRMP proposes that applications to renew expiring consents should generally fall to be considered as controlled activities, which must be granted by Council. An exception would be if an applicant had not exercised their permit and they failed the bona fide user test as defined in the TRMP. Renewal applications need to address this issue.

### Part A: Contact Details

#### 1. Applicant(s) Details

A resource consent can only be held by a legal organisation or fully named individual(s). A legal organisation includes a limited company, incorporated group or registered trust. If the application is not for one of the above, then you may use fully named individual(s) and the organisation name.

#### 5. Other consents required from the TDC

Additional consents can be required from the TDC in relation to the taking, use or diversion of groundwater depending on the nature of the proposal. These include permits for the discharge of contaminants. Staff at the Tasman District Council will be able to advise you whether or not any additional consents are required.

### Part B: Description of Proposal

#### 1(b) Legal Description

Please attach a copy of the current Certificate of Title.

#### 3. Map Reference

If you do not have a map reference, ensure that your location plan is accurate.

#### 4. Bore details

If you have an existing drilled bore then Council should hold a copy of the bore log with the details of the bore construction. Please indicate your well number so that we can retrieve the

correct information. If you have had a separate pumping test (or aquifer test) undertaken please attach a copy of the report. Council may require you to undertake a pumping test to demonstrate that the bore can yield the quantities applied for as part of your assessment of effects for a water permit to take and use groundwater.

It is important that the bore head is protected and above any flooding level to prevent possible contamination of the groundwater resource. Provision for water quality sampling and water level monitoring are also important. Bores drilled since the 1980s are subject to certain conditions covering those aspects of bore construction and maintenance (check your bore permit). Older bores may require upgrading to meet these requirements.

#### 7. A copy of the New Zealand Standard NZS 4411:2001 is available from TDC offices.

## Part C: Assessment of Effects of the Proposed Activity on the Environment

#### 1. Location of Bores

The taking of groundwater leads to a fall in water levels surrounding the point of abstraction. The extent of the area affected and length of time that the levels remain drawn down depends on the quantity and timing of the abstraction and the nature of the aquifer. Where significant drawdown occurs, this can result in interference with water levels in the surrounding bores. This can affect the ability of neighbours to draw water (eg. water levels falling below the pump in their bore) and reduced flow at springs or adjacent rivers. It is important that you provide as much detail as possible on nearby water sources and neighbouring users and consider whether or not any of these will be affected. Neighbours' written consent in support of your application is often useful when processing applications, determining if notification is required etc. Council has standard forms for this.

#### 2. Water Quality

The pumping of groundwater can lead to the movement of materials disposed of nearby such as septic tank effluent, if these become dissolved or mixed into the groundwater flow. This can lead to a deterioration in the quality of water supplies and the groundwater resource as a whole. Over-abstraction close to the coastline can lead to the contamination of the groundwater resource by the landwards movement of seawater. A detailed assessment may be necessary depending on the quantity which you wish to take and the proximity to potential sources of contamination and the coastline. Council will be able to advise you on this.

#### 3. Questions

The proposed policies and rules in the Tasman Resource Management Plan (TRMP) require answers to various questions. If in doubt, please ask Council staff at any Council office. We are here to assist.

The following are the minimum bore spacings from Fig.16.12A TRMP.

<b>Bore Spacings</b>		
<b>Water Management Zones</b>	<b>Depth of existing bore (metres)</b>	<b>Minimum Bore Spacing (metres)</b>
Moutere Zones Eastern and Western Groundwater zones	<120  >120  Any	300 between bores regardless of the depth of the proposed bore 600 between bores if the proposed bore is more than 120 metres deep 200 between bores where rates of take are no more than up to 5 cubic metres per day
<b>Motueka Riwaka Plains Zones</b> Central Plains Zone King Edward Zone Riwaka Zone	Any	75 between bores
Hau Plains Zone Umukuri Zone Swamp Zone	Any	150 between bores
Waimea Zones LCA Zone UCA Zone Hope and Eastern Hills Zone	Any	100 between bores and at least 100 from the Waimea River
Reservoir Zone Waimea West Zone	Any	50 between bores and at least 100 from the Waimea or Wairoa Rivers
Delta Zone	Any	50 between bores and at least 100 from the Waimea River
Wai-iti Zone	Any	50 between bores and at least 100 from the Wai-iti River

## Part F: Consultation

Typically, the drilling or alteration of bores has only minor effects which are avoided through following good drilling practices. In contrast, the taking and use of water can often have more than minor effects.

You should identify any persons affected by the proposal, listing their name, address, phone numbers and in what way they may be affected. Interested parties may include:

- neighbours
- nearby water users
- Tangata Whenua
- Department of Conservation
- NZ Historic Places Trust
- Fish and Game Council
- Royal Forest and Bird Protection Society

You should consider whether or not there may be any cultural issues of concern with your proposal or whether water is reserved under the TRMP. Council can assist you on this requirement, including details of Tangata Whenua representatives with whom you may be required to consult.

It may be necessary to seek written approval for your application from some persons. Council staff may be able to advise you from whom you should seek written approval before you lodge your application. However, this can only be clarified once the application has been received and an initial assessment made. Note that there are standard approval forms which assist in this regard.

# PLEASE READ THIS PAGE BEFORE COMPLETING THIS APPLICATION FORM

## ADDITIONAL INFORMATION MAY BE REQUIRED

### The Resource Management Act (1991)

This application is made pursuant to Section 88 of the Resource Management Act (RM Act) 1991. Section 88 of the RM Act requires that an applicant provide an Assessment of Effects to support their application. The Fourth Schedule of the RM Act identifies the components that an Assessment must include.

These are:

- a description of the proposal;
- where it is likely that an activity will result in any significant adverse effects on the environment, a description of possible alternative locations or methods for undertaking the activity;
- an assessment of the actual or potential effects of the activity on the environment;
- a description of mitigation measures to be undertaken to help prevent or reduce the actual or potential effects;
- an identification of those persons interested in or affected by the proposal, the consultation undertaken, and any response to the views of those consulted;
- where the scale or significance of the activity's effect are such that monitoring is required, a description of how the effects will be monitored and by whom.

### Completing This Form

To ensure that you complete this application in full, please read the accompanying notes marked with \* at the end of this document. These provide guidance on answering certain questions and indicate where additional information may be required. In providing as much information as possible at this stage you will reduce the likelihood of any delay in the processing of your application. However, once an initial assessment has been made of your application we may request further information.

Send the completed form, together with any additional information required and the correct deposit fee to the address shown over. Your application will not be accepted for processing until the correct information and deposit fee has been received.

If you have further queries, please phone 03 543 8400.



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