**6B Install geothermal bores for field exploration, commercial or industrial use**

We recommend you discuss your application with a Consents Planner before you apply. The first hour is free and will save you time and money in the long run. After the first hour, we will charge you for the service. We’ll let you know before we start charging.

**Call the Consents Duty Planner on 0800 884 880 with consents questions. For more information email** [**consents.queries@boprc.govt.nz**](mailto:consents.queries@boprc.govt.nz) **or visit** [**www.boprc.govt.nz**](http://www.boprc.govt.nz)

**Note:** this application is only to install geothermal exploration/industrial bore(s); it is not an application to take geothermal fluid.

For domestic geothermal bores, fill in Form 2C: Install a Bore

To take geothermal fluid, fill in Form 6D: Take, use and discharge geothermal fluid

I apply for resource consent under section 88 of the Resource Management Act 1991 (RMA).

**PART 1**

1. **Full name of applicant(s)** *(the name that will be on the consent)*

Surname:

First names:

**OR**

Trust & trustee names *(if application on behalf of a trust)*

Trust name:

Trustees’ names:

**OR**

Company name:

Contact person:

NZ Companies Register number:

1. **Applicant/s contact details**

Postal address:

Phone *(select preferred contact number)*

Residential        Business

Cell

Email

1. **Consultant details** *(or other person authorised to apply on behalf of applicant)*

Company name:

Contact person:

Postal address:

Phone *(select preferred contact number)*

Cell        Business

Email

Send all **correspondence** relating to this application, including **invoices**, to:

Applicant  Consultant

1. **Owner/occupier name and address** *(of site relating to application)*

**Owner:**

Postal address:

Residential        Business

**Occupier:**

Postal address:

Residential        Business

*If the applicant does not own the land on which the activity relates, it is good practice to provide landowner written approval with the application.*

1. **Activity location/s**

Site address/es

Legal description *(from Certificate of Title, valuation notice or rate demand)*

Map reference NZTM:

**District** the activity is located in:

Whakatāne District  Ōpōtiki District

Rotorua District  Kawerau District

Western Bay of Plenty District  Tauranga District

Taupō District

1. **Plans: site plan and drilling pad layout plan**

Provide detailed, scaled and contoured site plans showing the site and surrounding area, including:

* Nearby roads.
* Property boundaries.
* Location of the proposed/existing bore(s), drilling pads, settling basins etc.
* All other nearby geothermal bores within 1,000 m, as well as groundwater bore(s).
* Resources, within 1,000 m, that could be adversely affected by this proposal.
* Surface waterbody within 1,000 m.
* Any known archaeological or cultural sites within 500 m.
* A relevant scale.

*You can use our mapping system (*[***www.boprc.govt.nz***](http://www.boprc.govt.nz) ***keywords ‘regional mapping’****). The maps include property boundary and contour layers. You can search by property, view and print topographic maps and aerial photographs.*

Provide a plan of the drilling pad layout.

1. **Activity details**

Describe the exploration programme (including: mobilisation, operation and closure and aftercare plan).

Number of bores you are proposing to drill under this consent:

Depth:

Drilling start date:       Finish date:

Who will drill the bore(s)?

Method of drilling:

Method of drilling waste management:

Is the activity within 100m of a natural wetland?  Yes  No

Where will the water for drilling be taken from?

Surface water: name stream/river

Groundwater: provide bore details

Volume of water required daily to support the exploration program:

Do you have a resource consent to obtain the necessary water?  Yes  No

If yes, consent number:

Method of venting geothermal steam and non-condensable well during well testing:

Well testing procedure (quantity of fluid used, duration, number of repeat method of disposal etc.):

**An earthworks resource consent may be required depending on the size of the drilling pad/platform, as well as on-site effluent treatment.**

**Most geothermal exploration drilling programmes require more water than the 35 cubic metres per day permitted by Rule 38 of the Regional Natural Resources Plan. You may need a water take consent.**

Expected temperature of the bore:       ºC.

Bore(s) to be used for:

Research/modelling  Monitoring  Production  Injection

Other *(specify)*

Maximum daily quantity of geothermal water to be taken during testing       tonnes.

Rate at which water will be pumped during testing       tonnes per hour.

Likely effects on existing bores:

1. **Assessment of environmental effects**

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

1. **Term of consent**

Consent **duration** sought       Years       Months

Start date

Completion date *(if applicable)*

**Consent term is usually longer than the drilling programme to provide time for closure and after-care of the site.**

**Resource consent from the territorial authority may be required for traffic and noise control.**

1. **Affected persons**

Affected persons may include neighbouring land owners and occupiers, and/or organisations such as the Department of Conservation, Land Information New Zealand (LINZ), Fish and Game Council, local iwi, and community groups. If you do not think there will be affected persons, you do not need to fill out this section; we’ll make the final assessment of whether a person is affected by your proposal.

For your application to be considered for **non-notification** you must gain written approval from all persons who may be affected by the proposal. We can help you identify people/organisations likely to be affected.

*Have the affected person fill out the ‘Affected Person’s Written Approval’ form (on our website:* [***www.boprc.govt.nz***](http://www.boprc.govt.nz) ***keywords ‘resource consent forms’****) and attach to this application.*

**People who may be affected by your proposal**

*If you have discussed your proposal with any of these people/groups, record their comments and your response, and attach to this application.*

Name

Address

Written approval attached

Name

Address

Written approval attached

Name

Address

Written approval attached

*[Continue as necessary]*

**Checklist**

Pre-application code RM     -     -PĀ

Attach pre-application correspondence/advice

Complete all details in this application form

Site plan

Sign and date the application form

Pay the deposit: **$1770** (including GST)

Our bank account number is **06-0489-0094734-00**; use applicant’s name as a reference.

Information required by regional plan(s) or regulation(s).

Any other relevant information

**Unchecked boxes may result in your application being returned under s88 of the RMA.**

**Send your application to RegulatoryAdmin@boprc.govt.nz**

**Information privacy**

The RMA requires this information to process the consent application. Information in this application is regarded as **official information**.

Bay of Plenty Regional Council will hold this information, and it is subject to the Local Government Official Information and Meetings Act 1987 and the Privacy Act 2020. **This information will generally be available to the public. Let us know if you want any of this information to be confidential.**

**1 I have authority to sign on behalf of the party/ies named as applicants for this consent.**

**2 I have read, and understand, all information in this application form, including the requirement to pay additional costs.**

Signature Date

Name:

**IMPORTANT**

**NOTES TO THE APPLICANT**

**READ THIS BEFORE FILLING OUT THE APPLICATION FORM**

Call the Consents Duty Planner on 0800 884 880 with consents questions.

1 **We’ll not start processing your application until the $1770 deposit is paid** unless prior arrangement is made. Processing costs are likely to be more than the deposit; we’ll invoice you for the balance.

2 You may be required to pay a **resource management charge** associated with holding a consent (s36 of the RMA). Accounts are payable by the 20th of the month following date of invoice. Where costs are more than $2000 above the deposit, you may be requested to make interim payments towards the final total cost.

3 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, contact the Consents Duty Planner for clarification.

4 Let us know if your application includes **trade secrets** and/or **commercially or culturally sensitive material**. Section 42 of the RMA enables protection of sensitive information.

5 Schedule 4 of the RMAsets out the **information you must provide**. If insufficient information is provided, we may put the application on hold or return it as incomplete.

6 **Identify every consent required** for the proposal. We may put the application on hold until you apply for all resource consents required (s91 of the RMA).

7 If we request **further information** (s92 of the RMA), the application will be put on hold and processing will not restart until all information is received.

8 An application does not need to be publicly notified if the environmental **effects are minor and written approval has been obtained** from everyone adversely affected by the granting of the consent (s95D and s95B of the RMA). Written approval forms are on our website: <https://www.boprc.govt.nz/do-it-online/consent-forms/> under ‘Other forms’.

9 We may **review any consent** at any time if the application contains inaccuracies that materially influence the decision made (s128(1)(c) of the RMA).

**How to prepare an assessment of environmental effects**

**Key points of Schedule 4 of the RMA**

The amount of information in your assessment of environmental effects (AEE) should correspond to the scale and significance of the proposal’s environmental effects. Your AEE must include:

* A full description of the proposal, including the site and locality; a site plan and plans of your proposal.
* A description of the environmental effects, including the significance and nature of the effects. Address specific environmental effects and refer to issues identified in the relevant regional plan/s.
* A discussion of effects that may need to be controlled or monitored, how the control or monitoring will be carried out, and by whom.
* A description of alternatives to avoid, remedy or mitigate environmental effects.
* An assessment of risks to the environment from hazardous substances and/or discharge of contaminants.
* An assessment of the activity against the relevant objectives and policies in the relevant regional plan/s.
* A record of consultation: names and comments of people you discussed the proposal with.

You may need specialist advice for more complex applications. Call the Consents Duty Planner on 0800 884 880 for more information.

**It is not adequate to state that there are no environmental effects.**

If your AEE is not sufficient, we may:

* not accept your application
* turn down your application
* impose many conditions on your resource consent
* ask for more information, delaying the time to process your application, or
* commission someone else to review the application at your cost.

**For more information** see the Ministry for the Environment’s *Good Practice Guide on How to Prepare an AEE* and its brochure on making resource consent applications, at [**www.mfe.govt.nz/publications/rma**](http://www.mfe.govt.nz/publications/rma)

**Hourly charges for staff and consultants**

|  |  |
| --- | --- |
| **Group** | **Hourly charge**  **Incl GST**  **(Excl GST)** |
| Administration/Coordinator | $140.00  ($121.74) |
| Officers/Planners  Senior Officers/ Planners  Engineers/Scientist/Regulatory Project Officers (RPO)  External contracted Compliance Monitoring Officer (externally contracted)  Maritime Officer | $200.00  ($173.91) |
| Team Leaders/Senior RPO/Works Engineer/Senior Maritime Officer  Senior Engineer/Senior Scientist/Harbourmaster  Pou Ngaio (Technical/Cultural RMA Specialist) | $220.00  ($191.30) |
| Managers/Regional Harbourmaster/Engineering Manager | $325.00  ($282.61) |
| Consultants/Contractors | As charged by consultant/contractor |
| Regional Council staff mileage | Current applicable  IRD rate |

The full **Section 36 Charges Policy** is on our website:

[**http://www.boprc.govt.nz/knowledge-centre/policies/section-36-charges-policy/**](http://www.boprc.govt.nz/knowledge-centre/policies/section-36-charges-policy/)