

Resource Consent Application Form 9C



To drill on a contaminated site

This application is made under Section 88 of the Resource Management Act 1991.

70 Stafford St
Private Bag 1954
Dunedin 9054

☎ 0800 474 082

www.orc.govt.nz

For office use only

Consent No

Job No

Important notes for the applicant

You must complete this application form 9C **and** Resource Consent Application Form 1 **in full**.

You must complete this application form 9A and Resource Consent Application Form 1 in full.

It is crucial that you provide as much relevant information as possible with your application and in an understandable way. This will help ORC staff process it efficiently, and at the minimum cost.

If all the necessary information is not supplied in or with the application then it will be returned with a request for further information, or it will be publicly notified. This will lead to delays in processing and may increase processing costs.

This application form, when properly completed, should provide an adequate "Assessment of Effects on the Environment" (AEE) where the adverse effects of a proposal are not significant. However, this can only be determined on application.

Part A General

A.1 This application is for *(tick which applies)*

- Drill holes for investigating a site to determine whether it is contaminated
- Drill holes for investigating a site that is known to be contaminated
- To drill holes to install permanent/temporary monitoring wells for soil or groundwater
- Other

A.2 Property owner's name and address for land on which the drill hole(s) will be constructed (if different from applicant details in Form 1)

Property owner's contact numbers for land on which the drill hole(s) will be constructed

Home phone Work phone
Email Mobile

Preferred method of contact *(please circle)* Home Work Email Mobile

A.3 Property occupier's name and address of land on which the drill hole(s) will be constructed (if different from applicant and owner details)

Property occupier's contact numbers for land on which the drill hole(s) will be constructed

Home phone Work phone
Email Mobile

Preferred method of contact *(please circle)* Home Work Email Mobile

Part A General (continued)

A.4 Name and address of driller or person carrying out the works

Driller or person carrying out the works contact numbers

Home phone	<input type="text"/>	Work phone	<input type="text"/>
Email	<input type="text"/>	Mobile	<input type="text"/>

Preferred method of contact (*please circle*) Home Work Email Mobile

Part B Location of the proposed drilling

B.1 Full legal description of site upon which the drilling is to occur (from the rates notice)

B.2 Please provide a Certificate of Title no more than three months old at the time of lodging the application. If one is not supplied with your application the council may obtain one at your expense.

B.3 Map location reference

Please provide a grid reference or GPS location in NZTM (New Zealand Transverse Mercator projection) 2000 format of each drill hole. Conversions from other reference systems such as NZMS 260 can be found on www.LINZ.govt.nz

E	<input type="text"/>	N	<input type="text"/>
E	<input type="text"/>	N	<input type="text"/>
E	<input type="text"/>	N	<input type="text"/>
E	<input type="text"/>	N	<input type="text"/>
E	<input type="text"/>	N	<input type="text"/>
E	<input type="text"/>	N	<input type="text"/>
E	<input type="text"/>	N	<input type="text"/>
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E	<input type="text"/>	N	<input type="text"/>
E	<input type="text"/>	N	<input type="text"/>
E	<input type="text"/>	N	<input type="text"/>

NOTE This should be two seven digit numbers for example E1304417, N5015351 and can be obtained from your driller or a GPS.

B.4 Distance to property boundaries

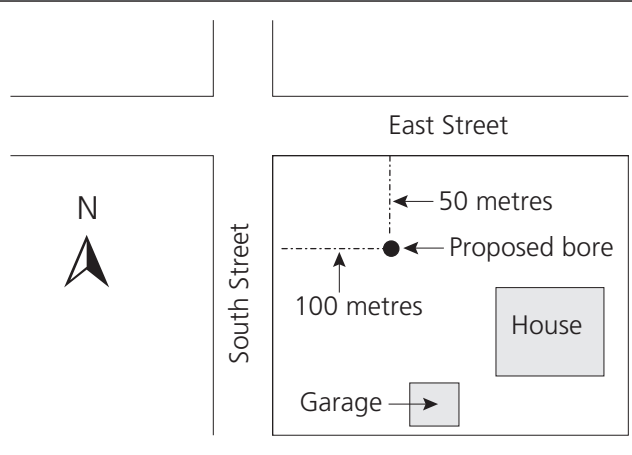
What is the minimum distance from the drilling site(s) to the property boundary

Part B Location of the proposed drill hole(s) (continued)

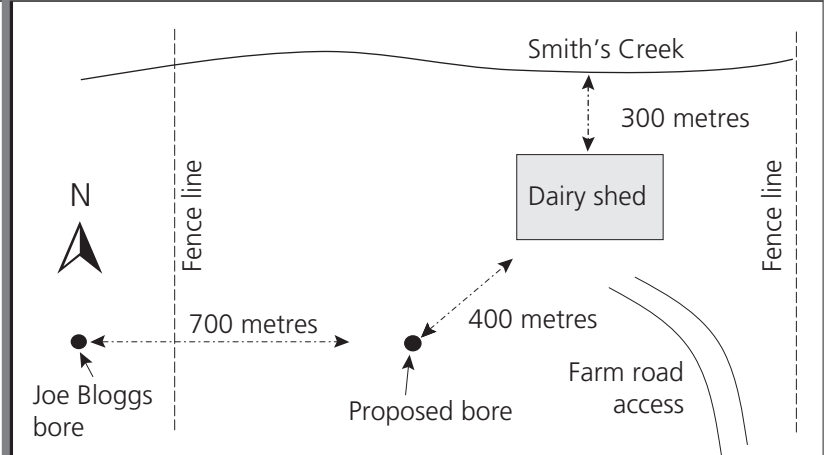
B.5 Detailed site plan

A detailed site plan is required. Use the space is provided on this forum to complete a site plan showing the location of your proposed drill holes in relation to (as relevant) houses, driveways, streets, intersections, springs, waterways, and property boundaries. If known, also show bores, septic tanks, and waste disposal sites. If you are submitting your own hand drawn plan, an example of what would be considered an acceptable drawing is shown below.

Example of residential type



Example of farm type



Site map of proposed drill hole location

A large empty rectangular area for drawing a site map. A north arrow is positioned in the top left corner of this area.

Part C Details of proposed activity

C.1 Number of holes associated with this proposed drilling?

C.2 Drill hole details

If more than four holes are to be drilled, provide the following details for the additional hole on a separate sheet.

Hole 1

Hole diameter (mm)

Estimated hole depth (m)

Estimated casing depth (m)

Casing material
(if PVC, state grade)

Aquifer

Drilling method

Construction method

Backfill material

Hole 2

Hole diameter (mm)

Estimated hole depth (m)

Estimated casing depth (m)

Casing material
(if PVC, state grade)

Aquifer

Drilling method

Construction method

Backfill material

Hole 3

Hole diameter (mm)

Estimated hole depth (m)

Estimated casing depth (m)

Casing material
(if PVC, state grade)

Aquifer

Drilling method

Construction method

Backfill material

Hole 4

Hole diameter (mm)

Estimated hole depth (m)

Estimated casing depth (m)

Casing material (if PVC,
state grade)

Aquifer

Drilling method

Construction method

Backfill material

Part D Affected parties and written approvals

If you are not the owner of the land upon which the drilling is to occur, written approval is required from all parties who own the land as shown on the Certificate of Title.

If written approval is required, use the written approval forms contained within Form 1. It is recommended that you supply these at the time of lodging your application to reduce delays in consent processing and to minimise costs.

Part E Assessment of actual and potential effects

Tick appropriate boxes. Ask your driller if you are unsure.

- E.1** Is the proposed activity within 50 metres of a known contaminated site? Yes No
- E.2** Is the proposed activity within 100 metres of any existing bores on neighbouring properties? Yes No
- E.3** Is the activity within 50 metres of any existing septic tank/outfall or long drop toilet? Yes No
- E.4** Are there any surface water bodies within 100 metres of the proposed drill hole(s)? Yes No
- E.5** Are the proposed drill hole(s) likely to penetrate either the Papakaio or Lower Taieri Aquifers? Yes No
- E.6** Is the proposed activity located in an historical place, recorded archaeological site, or in an area of cultural or spiritual significance to Tangata Whenua? Yes No

E.7 Provide details of neighbouring bores or wells identified in E.2 above

Owner's name	Bore number	Distance (m)	Depth of bore (m)
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

E.8 Provide details of septic tank/outfall or long drop toilets identified in E.3 above

Owner's name	Distance (m)
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

E.9 Distance to surface water (stream, river, creek, reservoir) within 100 metres of the proposed drill hole(s) identified in E.4 above

Surface water body	Distance (m)
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

E.10 Distance to the coast if less than 50 metres

E.11 Is the site on which the drilling is to occur (tick which applies)

- Potentially contaminated
- Known to be contaminated

For the following questions, if there is insufficient room, please use a separate piece of paper

E.12 Explain the site history and why/how it is thought/known to be contaminated

E.13 Will tests for contamination be undertaken?

- Yes No

Part E Assessment of actual and potential effects (continued)

E.14 For POTENTIALLY contaminated sites state why the testing is to take place, why is determination of the site status being sought?

E.15 For KNOWN contaminated sites please provide any previous testing results or information on the site contamination

E.16 Describe any soil and groundwater analyses proposed and list the contaminants being tested for and other contaminants expected to be found on site. Also state which environmental guidelines are being used for comparison

E.17 For KNOWN contaminated sites, provide and specify the relevant environmental standards that the contaminants breach for the site

E.18 Describe the decontamination measures that will be undertaken between drilling each hole

Part E Assessment of actual and potential effects (continued)

E.19 Explain how any contaminated water generated during site works will be contained and disposed of

E.20 Describe any confining layers beneath the site that contain potentially contaminated groundwater. What measures are proposed to avoid penetration of this layer?

E.21 Will the potentially contaminated soil be stockpiled? Describe what measures will be undertaken to avoid adverse effects of stockpiling contaminated soils, and for how long will the stockpiles be present?

E.22 How will contaminated soils be disposed of?

Part E Assessment of actual and potential effects (continued)

E.23 Will the site disturbance result in any discharge to air, of dust or odour or volatile substances? Describe the likelihood of these discharges and any measures proposed to avoid, remedy mitigate or monitor them.

An air discharge permit may be required, consult the duty resource management administration officer for more information.

E.24 Briefly describe what health and safety protection measures are proposed during the works, particularly in regard to ensuring public safety.

Part F Deposit

A deposit is required upon lodgement of your application(s), refer to the fees on Form 1. This deposit is not the final or total cost of your application. Further charges are incurred in accordance with council's scale of fees and charges.

F.1 **Deposit enclosed** Yes No \$

Part G Checklist

To keep consent processing costs to a minimum it is strongly recommended that all items listed below are attached **before** you lodge your application with the Otago Regional Council.

- | | |
|--|--|
| <input type="checkbox"/> Completed Form 1 | <input type="checkbox"/> Sign and date Form 1 |
| <input type="checkbox"/> Completed all parts of this form | And |
| <input type="checkbox"/> Written approvals completed or attached | <input type="checkbox"/> Attached Certificate of Title less than three months old |
| <input type="checkbox"/> Include a site plan | OR |
| <input type="checkbox"/> Include the deposit | <input type="checkbox"/> Instruct council to obtain a Certificate of Title at your expense |

