

Resource Consents Unit

# Application for District Plan Certificate: Rockfall and/or cliff collapse AIFR

Submit this form online at: [onlineservices.ccc.govt.nz](http://onlineservices.ccc.govt.nz); or

Email to: [resourceconsentapplications@ccc.govt.nz](mailto:resourceconsentapplications@ccc.govt.nz); or

Deliver to: Resource Consents Unit, Christchurch City Council, 53 Hereford Street, Christchurch; or

Send to: Resource Consents Unit, Christchurch City Council, PO Box 73014, Christchurch Mail Centre, Christchurch, 8154

For enquiries phone: (03) 941 8999 or email [DutyPlanner@ccc.govt.nz](mailto:DutyPlanner@ccc.govt.nz)

## About this form

This form is to be used for requesting an **Annual Individual Fatality Risk (AIFR)** certificate under Rule 5.6.1.2, Chapter 5 Natural Hazards, of the Christchurch District Plan (copy included on pages 3 and 4 of this form).

### Important information:

- An AIFR certificate specifies the calculated Annual Individual Fatality Risk from rockfall and/or cliff collapse for an identified area of land in Rockfall Management Areas 1 and 2, and Cliff Collapse Management Area 2. It is used only for the purpose of establishing the activity status under the District Plan for activities on land within these Slope Instability Management Areas.
- Requests must be accompanied by a report from a qualified engineer - refer section 2 below for further detail. The Council will commission a peer review of the report. The peer review must concur with the application of the risk assessment methodology and the calculated AIFR(s) for the identified land in the report accompanying the request, in order for a certificate to be issued.
- Certificates are valid for two years from the date of issue.
- Please note that an AIFR certificate is assessed and issued under the Christchurch District Plan, and is completely separate from any hazard assessment under the Building Act.
- The required deposit (refer Resource Management [Fee Schedule](#)) must be paid before your request will be processed. An invoice for the deposit will be issued when the request is received. Additional costs, including the cost of the peer review, will be invoiced either on completion of processing or on an interim basis.

## 1. Location of the land

Address of the site(s) to which the request relates:

Legal description of the site(s):

  


## 2. Required information

I attach the following information (as required by the District Plan):

A report prepared by a Chartered Professional Engineer with requisite experience in geotechnical engineering or a Professional engineering Geologist (IPENZ registered), which calculates the AIFR from rockfall and/or cliff collapse for the identified land in the manner outlined in Rule 5.6.1.2.a of the District Plan (refer page 3 of this form). This calculation must not take account of hazard mitigation works.

## 3. Applicant details

Full name (including middle name):

Registered Company / Trust / Organisation name:

Contact person / Trustee names:

Landline:

Mobile:

Email:

Postal Address:

**Signature of Applicant:** (Or person authorised to sign on behalf of Applicant)

Date:  Name:

**4. Agent (if applicable)**

Name:

Name of firm:

Landline:

Mobile:

Email:

Postal Address:

**5. Invoicing details**

Invoices relating to this certificate are to be made out to:

- Applicant  Agent  
 Existing 'on-account' customer Name of account customer:   
 Other (specify below)

Name:

Email:

Postal Address:

Any refund will be paid to the receipted name unless written authorisation has been received from the receipted person or company.

Where the application fee is to be charged to an **account holder** no deposit is required. Instead the actual fees will be invoiced on completion of processing.

**6. Privacy information**

The information on this form is required for the Council to process your request. All information submitted is required to be kept available for public record, therefore the public (including business organisations and other units of the Council) may view this application, once submitted. It may also be made available on the Council's website. If there is commercially sensitive information in your request please let us know. If you would like to request access to, or correction of, your details, please contact the Council.

Calculated AIFRs specified in issued, valid AIFR Certificates for identified areas of land, and valid certificates themselves, will be made freely available to the public, recorded in the Council's Geographical Information System and provided in Land Information Memoranda.

# EXCERPT FROM THE CHRISTCHURCH DISTRICT PLAN

## Chapter 5 Natural Hazards

### Rule 5.6.1.2 Exceptions to Rule 5.6.1.1 – AIFR Certificate

- a. The Council will issue an AIFR Certificate (which will be valid for 2 years from the date of issue) which specifies the calculated AIFR from i. and ii. below for an identified area of land in Rockfall Management Area 1, Rockfall Management Area 2 and/or Cliff Collapse Management Area 2 only, when the following procedure is undertaken and the requirements of the procedure are satisfied:
- i. The Council has received a report, in respect of an identified area of land, prepared by a Chartered Professional Engineer with requisite experience in geotechnical engineering or a Professional Engineering Geologist (IPENZ registered), which calculates the AIFR from rockfall and/or cliff collapse for the identified land in the following manner:<sup>7</sup>
- A If the land is in Rockfall Management Area 1:
- A Apply the method for assessing the risk as set out in the [GNS Science Consultancy Report 2011/311 Port Hills Slope Stability: Pilot Study for assessing life-safety risk from rockfalls \(boulder rolls\)](#), and any subsequent updates to this report by GNS Science, using the parameters listed in the Table in Policy 5.2.2.4.1.a. for Rockfall Management Area 1 along with any relevant site-specific information, and other parameters in the GNS Science report (calculation 1(a)).
- B If the risk (AIFR) resulting from calculation 1(a) is less than that shown in the Table in Policy 5.2.2.4.1.a for Rockfall Management Area 1 ( $\geq 10^{-4}$ ), then using the same method set out in the [GNS Science Consultancy Report 2011/311 Port Hills Slope Stability: Pilot Study for assessing life-safety risk from rockfalls \(boulder rolls\)](#), and any subsequent updates to this report by GNS Science, calculate the AIFR using the parameters listed in the Table in Policy 5.2.2.4.1.a for Rockfall Management Area 2 along with all relevant site-specific information, and other parameters listed in the GNS Science report (calculation 1(b)).
- B If the land is in Rockfall Management Area 2:
- A Apply the method for assessing the risk as set out in the [GNS Science Consultancy Report 2011/311 Port Hills Slope Stability: Pilot Study for assessing life-safety risk from rockfalls \(boulder rolls\)](#), and any subsequent updates to this report by GNS Science, using the parameters listed in the Table in Policy 5.2.2.4.1.a. for Rockfall Management Area 2 along with all relevant site-specific information, and other parameters in the GNS Science report (calculation 2(a)).
- C If the land is in Cliff Collapse Management Area 2:
- A Apply the method for assessing the risk as set out in the [GNS Science Consultancy Reports 2012/57 Port Hills Slope Stability: Pilot Study for assessing life-safety risk from cliff collapse and 2012/124 Port Hills Slope Stability: Life-safety risk from cliff collapse in the Port Hills](#), and any subsequent updates to those reports by GNS Science, using the parameters listed in the Table in Policy 5.2.2.4.1 for Cliff Collapse Management Area 2 along with all relevant site-specific information, and other parameters in the GNS Science Consultancy Reports (calculation 3(a)).
- AND
- ii. The Council has commissioned and received a peer review report from a Chartered Professional Engineer with requisite experience in geotechnical engineering or a Professional Engineering Geologist (IPENZ registered)\*\*, which concurs with the application of the method required in i. above, and with the calculated AIFR(s) for the identified land.
- \*\*The peer reviewer must not, at the time of undertaking the review, be employed by either: a) the same company as the company that authored the report received in i. above, or b) the Council.
- b. Where a valid AIFR Certificate has been issued by the Council for an identified area of land, in accordance with the procedure described in Rule 5.6.1.2a. above, the activity status (for activities listed in Table 5.6.1.1 a) that applies to that land shall be that which applies to the Slope Instability Management Area specified in Table 5.6.1.2a. below. An AIFR Certificate is valid for 2 years from the date of issue. If the activity is commenced (in the case of a permitted activity) or a resource consent application is lodged within 2 years from the date of issue of the AIFR Certificate, no further Certificate is required after the 2 year term expires.

<sup>7</sup> The calculation shall not take account of hazard mitigation works.

**Cont. over**

**Table 5.6.1.2a**

Slope instability hazard management area applying to the land on the Planning Maps	AIFR as specified in the site-specific AIFR Certificate		Slope Instability Management Area for the purpose of determining activity status for activities on the land (Table 5.6.1.1a)
<b>Rockfall Management Area 1</b>	Result of calculation 1(a)	$\geq 10^{-4}$	Rockfall Management Area 1
	Result of calculation 1(b) where required	$\geq 10^{-4}$ $< 10^{-4}$	Rockfall Management Area 2 Remainder of Port Hills and Banks Peninsula
<b>Rockfall Management Area 2</b>	Result of calculation 2(a)	$\geq 10^{-4}$	Rockfall Management Area 2
		$< 10^{-4}$	Remainder of Port Hills and Banks Peninsula
<b>Cliff Collapse Management Area 2</b>	Result of calculation 3(a)	$\geq 10^{-4}$	Cliff Collapse Management Area 2
		$< 10^{-4}$	Remainder of Port Hills and Banks Peninsula

Advice note:

1. Calculated AIFRs specified in issued, valid AIFR Certificates for identified areas of land, and valid certificates themselves, will be made freely available to the public, recorded in the Council's Geographical Information System and provided in Land Information Memoranda.
2. Changes to the District Plan will be regularly notified, as required to change the Planning Maps, in order to reflect updated information regarding life-safety risk from rockfall and/or cliff collapse from issued AIFR Certificates.