

8B Schedule Discharge Permit To Discharge Contaminants to Air From Quarry or Mining Processes



This form is to be used for applications seeking to discharge contaminants to air from quarry or mining activities within the Otago Region.

(For Office Use Only)

Consent No.: _____

Job No: _____

PLEASE READ BEFORE COMPLETING THE APPLICATION FORM

In order for any consent application to be processed efficiently in the minimum time and at minimum cost, it is critical that as much relevant information as possible is included with the application. **If all the necessary information is not supplied with the application then Otago Regional Council may, under section 88 of the Resource Management Act 1991 (the Act) return your application, request further information or decline your application. This will lead to delays in the processing of your application and may increase processing costs.**

Form 1 and Schedule 8B, when properly completed, may 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. The required detail for an AEE should reflect the scale and significance of the potential adverse effects the activity may have on the environment. If the size of your proposed activity or scale of its potential effects is significant, a report by a professional advisor in support of your application may be required. An AEE is required by the Act so that you and others can understand what happens to the environment when you discharge contaminants to air. When considering applications to discharge contaminants to air, the effects of the discharge on the receiving environment and iwi values must be assessed.

Details of information required in an AEE is included in the Fourth Schedule of the Act appended to Form 1: Resource Consent Application.

PART A: Description of the Proposed Activity

A.1 (a) Please provide an accurate site plan showing:

- i. a description of the type of land use surrounding the site (eg. north, residential – closest dwelling 500m; south, industrial, etc);
- ii. property boundaries and neighbouring properties;
- iii. Identify the closest residential property to the site
- iv. nearby buildings
- v. road access
- vi. the rock extraction, processing, storage and dispatch areas;
- vii. specific location of discharge point(s); and
- viii. scale and north arrow.

(b) Provide mid-point GPS location for the activity in NZTM 2000 (New Zealand Transverse Mercator)

NZTM 2000: E _____ N _____

A.2 What type of material do you propose to quarry / mine?

A.3 Please detail the chemical components of the quarried or mined matter (if known).

A.5 Please identify and describe in full the quarry / mining processes undertaken on site.

(a) Extraction / Excavation

i. Describe the method of extraction / excavation that you use

ii. Please describe the machinery used in the extraction and / or excavation process

iii. Describe anything else relevant to your extraction / excavation process

iv. How much material is extracted / excavated per year?

(b) Transportation

i. How is the material transported for screening, crushing, storage and / or dispatch?

ii. How far is the material transported for screening, crushing, storage and / or dispatch?

iii. What type of matter / substance forms the basis of the roads used for this transportation?

iv. What dust prevention measures do you currently implement to ensure that dust from the roads and / or transportation is minimised?

(c) Crushing, screening, washing

i. Please describe each method used to crush, screen and wash the quarried or mined material and detail the machinery involved and its purpose

ii. What is the size reduction and screening capacity (tonnes/hour)

A.10 Section 105 of the Resource Management Act 1991 requires consideration of alternatives to the discharge and the reasons for proceeding with your proposed choice.

(a) What alternative methods of disposal or discharge to air from your quarry / mine have you considered?

(b) Justify why you have made the choice to proceed with the proposed activity described in this application.

PART B: Assessment of Environmental Effects

B.1 In the vicinity of the discharge are there any:

	Yes	No
(a) Residential developments?	<input type="checkbox"/>	<input type="checkbox"/>
(b) Production land (e.g., crops, dairy farming)?	<input type="checkbox"/>	<input type="checkbox"/>
(c) Recreational Areas (e.g. sports grounds, parks)	<input type="checkbox"/>	<input type="checkbox"/>
(d) Sources of other similar discharges to air?	<input type="checkbox"/>	<input type="checkbox"/>
(e) Areas of particular aesthetic or scientific value?	<input type="checkbox"/>	<input type="checkbox"/>
(f) Areas or aspects of significance to Iwi?	<input type="checkbox"/>	<input type="checkbox"/>
(g) Commercial activities and/or schools?	<input type="checkbox"/>	<input type="checkbox"/>

B.2 List and describe all possible effects the discharge from your quarry / mining operation may have on:

(a) The receiving air quality

(j) Any appropriate additional information (e.g. photographs)

