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 Off	ice 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.

NZTM 2000: E	N	
What type of material do	ou propose to quarry / mine?	

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

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

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)

(d)	Storage
i.	How long can material remain in the storage area?
ii.	What is your maximum storage capacity? (tonnes /hour)
iii.	What size(s) is / are the material that is stored?
iv.	Is the area or each material storage pile covered? (If yes, please describe how)
v.	What dust emission prevention measure do you have to ensure that dust entrainment in the air is minimised?
(e)	Dispatch
i.	How often is material dispatched?
ii.	How is material loaded for dispatch?
(f)	Other Site Activities (Please describe)

What.	if any, monitoring do you carry out to ensure that the c	lischarge does not have an adverse
	? (please supply results of any monitoring undertaken)	
	ny meteorological data relevant to the site been obtaine	
Has ar Yes No	ny meteorological data relevant to the site been obtained [If yes, please give details and, if possible, a copy/summary of the site been obtained [If yes, please give details and, if possible, a copy/summary of the site been obtained [If yes, please give details and, if possible, a copy/summary of the site been obtained [If yes, please give details and, if possible, a copy/summary of the site been obtained [If yes, please give details and, if possible, a copy/summary of the site been obtained [If yes, please give details and, if possible, a copy/summary of the site been obtained [If yes, please give details and, if possible, a copy/summary of the site been obtained [If yes, please give details and, if possible, a copy/summary of the site been obtained [If yes, please give details and, if possible, a copy/summary of the site been obtained [If yes, please give details and, if possible, a copy/summary of the site been obtained [If yes, please give details and, if possible, a copy/summary of the site been obtained [If yes, please give details and please give details and please give details and please give give details and please give give give give give give give giv	
Yes		
Yes No 	(If yes, please give details and, if possible, a copy/summary of t	he information obtained.)
Yes No 		he information obtained.)
Yes No 	(If yes, please give details and, if possible, a copy/summary of to	he information obtained.)
Yes No What	are the hours of operation of quarry / mining operation Per day which time	he information obtained.) s?
Yes No	are the hours of operation of quarry / mining operation Per day which time Per week which days	he information obtained.) s? s?
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	(a)	What alternative methods of disposal or discharge to ai have you considered?	ir from your quarry /	mine
	(b)	Justify why you have made the choice to proceed with th this application.	e proposed activity	described
P	AR'	T B: Assessment of Environmental E	ffects	
<u>P</u>	AR'	T B: Assessment of Environmental E	<u>ffects</u>	
<u>P</u>		T B: Assessment of Environmental E		No
<u>P</u>	In th	ne vicinity of the discharge are there any:	ffects Yes	No 🗆
<u>P</u>				_
<u>P</u>	In th	ne vicinity of the discharge are there any: Residential developments?		_
<u>P</u>	In th (a) (b)	Residential developments? Production land (e.g., crops, dairy farming)?		_
<u>P</u>	(a) (b) (c)	Residential developments? Production land (e.g., crops, dairy farming)? Recreational Areas (e.g. sports grounds, parks)		_
<u>P</u>	(a) (b) (c) (d)	Residential developments? Production land (e.g., crops, dairy farming)? Recreational Areas (e.g. sports grounds, parks) Sources of other similar discharges to air?		_
<u>P</u>	(a) (b) (c) (d) (e)	Residential developments? Production land (e.g., crops, dairy farming)? Recreational Areas (e.g. sports grounds, parks) Sources of other similar discharges to air? Areas of particular aesthetic or scientific value?		_
	(a) (b) (c) (d) (e) (f) (g)	Residential developments? Production land (e.g., crops, dairy farming)? Recreational Areas (e.g. sports grounds, parks) Sources of other similar discharges to air? Areas of particular aesthetic or scientific value? Areas or aspects of significance to lwi?	Yes	

	(Continue on a separate sheet if necessary)
(b)	Persons living or working in the area
	(Continue on a separate sheet if necessary)
(c)	Local plant and animal life
	(Continue on a separate sheet if necessary)
(d)	Any of the features identified in B.1 that have not already been discussed

(Continue on a separate sheet if necessary T C: Consultation Please comment on any consultation undertaken with parties optentially affected by your proposal to discharge contaminants to Te Ao Marama).	who may be interested
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Blace manifely and written annually to the activity union Council	No atom dond Form 4 Do
Please provide any written approvals to the activity using Council Consent Application	is standard Form 1 - Re
D: Checklist	
D. Oncoknot	
In order to provide a complete application, have you remembered t	to attach:
(a) The fully completed Form 1 and this Schedule (8B)	
(b) A site plan	
(c) Photographs of the quarry / mine	
(d) A chemical description of the material quarried / mined used (if a	applicable)
(e) A flow chart of the onsite processes that result in any discharge	to air
(f) The management plan for the quarry / mine	
(g) The results of any monitoring undertaken	
(h) Any meteorological information relevant to the site	
(i) Written approvals obtained	
(g) The results of any monitoring undertaken	_

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