

8C

Application To Discharge Contaminants to Air From Wood Processing Industries

This form is to be used for applications seeking to discharge contaminants to air from wood processing industries within the Otago Region for the purpose of operating a wood processing plant.

(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 the Otago Regional Council may, under Section 88 of the Resource Management Act 1991 (the Act) return your application, request further information under Section 92 of the Act, or decline your application. This could lead to delays in the processing of your application and may increase processing costs.**

Form 1 and Schedule 8C, 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 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.

Once an initial assessment has been made of your application, we may request further information in accordance with Section 92 of the Resource Management Act 1991.

The National Environmental Standard for Ambient Air Quality (NESAAQ) came into force in 2004. Your application will be processed in accordance with its requirements. For more information on the NESAAQ visit the Ministry for Environment website.

PART A: Description of the Proposed Activity

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

- i. all buildings/structures associated with the processing plant;
- ii. a description of the type of land use surrounding the site (eg. north, residential – closest 500 m; south, industrial, etc);
- iii. property boundaries and neighbouring properties;
- iv. nearby buildings;
- v. road access;
- vi. location of each process or activity undertaken onsite;
- vii. specific location of any potential 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.5 Identify and describe:

(a) Transportation

- (i) How the material is transported to the site, around the site and from the site including what types of vehicles are involved.

- (ii) What is the maximum distance that material is transported around the site?

- (iii) What type of matter / substance forms the basis of the site surface for which vehicles travel and move over?

- (iv) Site permeability – please explain whether and how contaminants may be able to infiltrate into ground or surface water sources? *Please note that if there is a discharge to land or water a separate resource consent should be applied for at the same time. Forms 6 and/or 7 will need to be completed.*

- (v) What dust prevention measures do you currently implement to ensure that dust from the roads and / or transportation is minimized?

(b) Storage

- (i) What types of material and chemicals are stored, or used, onsite? *Please provide Material Safety Data Sheets for any chemicals.*

(ii) How long can material remain in each storage area?

(iii) What is your maximum storage capacity for each type of material?

(vi) What size(s) is / are the material that is stored?

(vii) Is the area or each material storage pile covered? *(if yes, please describe how)*

(viii) What dust emission prevention measures do you have / propose to ensure that dust entrainment in the air is minimised?

(c) Processing

(i) Describe the processing that occurs on site.

(ii) Describe any mitigation measures implemented to reduce dust and discharges to air.

(iii) How often does processing occur and for what time periods?

(iv) How often does processing occur and for what time periods?

(d) Dispatch

(i) In what form are final products dispatched and how often does dispatch occur for each product?

(ii) How and where are the materials loaded for dispatch?

(e) Other Site Activities *(please describe)*

A.6 What ambient air monitoring, if any, do you carry out to ensure that the discharge does not have an adverse effect? *(please supply results of any monitoring undertaken)*

A.7 What point source discharge monitoring and testing, if any, do you carry out to ensure that the discharge does not have an adverse effect? *(please supply results of any monitoring undertaken)*

A.8 Has any meteorological data relevant to the site been obtained?

No

Yes *(If yes, please give details in wind rose format and, if possible, attach a copy of the information obtained to this application)*

A.9 What are the hours of operation for the wood processing plant?

- (a) Per day _____ which times? _____
- (b) Per week _____ which days? _____
- (c) Per month _____ which months? _____

A.10 Do you have a wood processing plant Management Plan?

No

Yes *(please provide a copy with this application)*

A.11 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 wood processing plant 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"/>
(h)	Surface waterbodies / drains?	<input type="checkbox"/>	<input type="checkbox"/>

B.2 List and describe all possible effects the discharge from your wood processing plant may have on:

(a) The receiving air quality

(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)

PART C: Consultation

C.1 Please comment on any consultation undertaken with parties who may be interested in or potentially affected by your proposal to discharge contaminants to air (e.g., neighbours, Iwi).

2. Please provide any written approvals to the activity using Council's standard Form 1 - Resource Consent Application

PART D: Checklist

D.1 In order to provide a complete application, have you remembered to attach:

- (a) The fully complete Form 1 and this Schedule 8C
- (b) A site plan
- (c) A flow chart of each process / activity onsite
- (d) The results of any monitoring undertaken
- (e) Any meteorological information relevant to the site
- (f) Site Management Plan
- (g) Written approvals obtained
- (h) Any appropriate additional information (e.g. photographs)