

Application for Resource Consent: Discharge to Air

Form B: Activity Information and Assessment Form

A complete Administration Form (Form A) MUST accompany this Activity Information and Assessment Form (Form B) when lodging your application. The purpose of this form is to provide the applicant with guidance on information that is required under

the Resource Management Act 1991. These forms are to act as a guide only, and Horizons Regional Council reserves the right to request additional information.

APPLICANT NAME
(Refer to Form A)

1 APPLICATION PURPOSE

What is the purpose of this application (select one)

- New consent
 Renewal of consent

Consent number Expiry date.....

Consent term sought
(Max. 35 years)

Resource consents are typically aligned with the relevant common catchment expiry dates in Policy 12-5 of the One Plan.

What kind of operation results in the discharge to air?

E.g. Wood processing industries, rendering of carcasses, manufacture of aluminium, steel, glass etc.

2 LOCATION

Location of the proposed discharge

Address

Map reference (if known): (NZTM 2000) E. N.

Legal description

A detailed site map will be required with this application.

Describe the type of land use surrounding the site

(E.g. north, residential – closest 500m; south, industrial, etc.)

Has any meteorological data relevant to the site been obtained? Yes No
If 'Yes', please describe or attach

3 DESCRIPTION OF PROPOSED ACTIVITY

Please supply a **detailed flow chart and description of the processes** and operations that either result in a discharge to the atmosphere or could potentially result in a discharge to air.

Please provide details on the **methods of discharge from point discharges** (stacks, vents, chimneys), fugitive emissions (leaks in equipment or gaps in buildings), and diffuse discharges (stockpiles, oxidation ponds). These details should include the number, height (above ground level), diameter, location of any discharge points.

Please state the usual **frequency and duration of the discharge/s** and any variation, where appropriate.

If applicable, please state the **quantity of materials processed** and the amount of fuel consumed that leads to the discharge/s including typical and maximum amounts.

If applicable, please state the **maximum continuous design rating** for each process or piece of equipment associated with the discharge.

Has any **equipment** been placed on the discharge points to **remove/alter the contaminants** Yes No (including gas, dust, and odour) from the waste flows?

If 'Yes', please give details. *(Any details should include any manufacturer's specifications of pollution control or abatement equipment and the expected or measured efficiencies of contaminant removal).*

Has there been any **discharge monitoring** carried out in relation to this proposal, or do you have access to any **background monitoring**? If yes, please describe and attach results as appropriate.

Please provide any **other information** regarding the discharge to air that you consider may be relevant to this application.

Note: Depending on the scale and significance of your proposed activity, you may need to seek professional assistance from an appropriately qualified person (e.g. air quality scientist). Emission/stack testing may be required with air dispersion modelling which models predicted ground level concentrations of contaminants for normal and worst case situations.

4 RULE ASSESSMENT

A number of the activities under Chapter 15 of the One Plan are permitted activities as long as you can meet certain conditions and standards. Please ensure your activity is not a permitted activity under Chapter 15 of the One Plan. If you require assistance, please contact the consents team at Horizons on freephone 0508 800 800.

Please indicate which rule of the One Plan your activity falls under

Chapter 15 can be accessed via <http://www.horizons.govt.nz/publications-feedback/one-plan/part-2-regional-plan/chapter-15>

5 ASSESSMENT OF ENVIRONMENTAL EFFECTS

For your application to be considered, an assessment of environmental effects must be included. Please answer all of the questions below. Additional information may need to be provided depending on the scale and significance of your proposal.

Describe the **actual and potential effects** that the proposed activity/operation could have on the environment.

Describe any effects your operation may have on the **neighbourhood, including cultural effects**. Other areas which need effects assessed include historic sites and recreational areas such as parks, scientific areas, and scenic features, etc.

Describe any **visual effects** (*E.g. may be caused by wet plumes from a drying kiln, cooling tower, or wet scrubber*) and/or **landscape effects** (*E.g. deposition of matter onto land from an aerial discharge*).

Some contaminants, such as nitrogen oxides, sulphur oxides, fluorides, and heavy metals can damage flora and fauna. Please describe any effects your operation will have on **physical habitats of plants and animals**.

Have there been any **complaints** associated with the proposed activity? Please describe.

Please describe any **effects of the proposal downwind**, under prevailing wind conditions.

Please include a description of the monitoring or good management practices to be undertaken to help avoid, reduce, remedy or mitigate the actual and potential effects on the environment.

What methods or actions will be used to reduce or prevent these environmental effects?

(Include a plan/s of any discharge control system used)

- Describe what methods are going to be used to reduce the actual or potential effects.
- Include plans of the emission control system, if applicable.
- Detail contingency plans in the event of a breakdown, such as a back-up system, stopping the process, alarms to warn of a problem, etc.
- Show what your schedule of maintenance will be for the control equipment.

Proposed mitigation methods

A number of activities will require an **air management plan** before the consent is granted. This plan details the procedures that will be implemented to ensure the operation complies with the conditions of the resource consent. Although this plan is not required at the time of the initial application, it will speed up the application process if a draft plan is provided in advance. This plan should detail proposed procedures and provide complaint response procedures, including contact telephone numbers for operations staff who will be responsible for responding to complaints.

What, if any, **monitoring** do you propose to carry out to **avoid, remedy, mitigate the potential adverse** environmental effects of the proposal?

In a large operation, regular compliance tests may be required to be done by the company. How do you **plan to monitor the discharges?**

7 CONSIDERATION OF ALTERNATIVES

Please include a description of any possible alternative locations or methods for undertaking the activity, and why these alternatives have not been selected.

8 CONSULTATION/AFFECTED PARTIES

Please include evidence of any consultation undertaken for this application. This may include (but not be limited to) consultation with adjoining landowners, other consent holders in the immediate area, Iwi, government departments/ministries (e.g. DoC), territorial authorities and recreational associations (e.g. Fish and Game New Zealand). Please ensure that you have considered any Statutory Acknowledgements in the Horizons Region. For more information visit (<http://www.horizons.govt.nz/about-our-region-and-council/iwi-and-hapu/statutory-acknowledgements>)

If you are in doubt about who you should be talking to call a member of the consents team on 0508 800 800.

Please provide details of those you have identified as parties who may be affected. If you have discussed your proposal with any of these parties, please record any comments made by them and your response to them, and submit this with your application.

Name

Address

.....

Affected party approval form attached

Name

Address

.....

Affected party approval form attached

Name

Address

.....

Affected party approval form attached

Name

Address

.....

Affected party approval form attached

National Environmental Standards for Air Quality (NES-AQ)

Is the proposed activity consistent with the relevant provisions of the NES for Air Quality? Yes No

The NES-AQ can be accessed via <http://www.mfe.govt.nz/node/19435>

Please provide reasons for your answer above.

Please provide any other NES that you consider may be relevant to your activity and provide an assessment against that NES.

The Resource Management Act 1991 requires this application to include an assessment of the proposed activity against the One Plan. Answering the following questions will satisfy this requirement. If you are unable to answer the questions below, or you believe your proposal is inconsistent with the relevant policies and documents discussed, it is recommended you seek professional planning assistance to help you with your application.

For a complete copy of the One Plan visit <http://www.horizons.govt.nz/publications-feedback/one-plan>

REGIONAL POLICY ASSESSMENT

The objectives and policies of Chapter 7 (Air) are relevant to this application.

Is the activity consistent with the relevant provisions of the Regional Policy Statement? Yes No

Please provide reasons for your answer above

Please list any other relevant objectives and/or policies of the Regional Policy Statement and provide an assessment of the activity against those objectives and/or policies.

REGIONAL PLAN ASSESSMENT

Objective 15-1 and Policy 15-1, 15-2, and 15-3 of Chapter 15 of the Regional Plan are relevant to this application.

Is the activity consistent with the relevant provisions of the Regional Plan? Yes No

Please provide reasons for your answer above

If there are any other sections of the One Plan or any national planning documents (e.g. NZ Coastal Policy Statement) that you consider relevant, please provide an assessment of the activity against those relevant objectives/policies of the One Plan and/or national document.

11 ADDITIONAL INFORMATION CHECKLIST

- Completed administration form (Form A).
- A SITE plan to scale showing:
 - Site boundary
 - Location of roads and property boundaries
 - Buildings and residential properties
 - Location of processes and discharge points
 - Location of any sensitive sites (E.g. historical places, sites of importance to lwi etc) in the proximity of the site
 - Any rare, threatened or at-risk habitats
- A detailed flow chart and description of the processes and operations that either result in a discharge to the atmosphere or could potentially result in a discharge to air.
- Air management plan (if applicable).
- Discharge monitoring and/or background monitoring results (if applicable).
- Affected party approval form/s.

Please contact the consents team on freephone **0508 800 800** if you require assistance with your application.