



**environment
SOUTHLAND**

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Discharge Permit

Pursuant to **Section 104B** of the Resource Management Act 1991, a resource consent is hereby granted by the Southland Regional Council to **AB Lime Ltd** of **PO Box 102, Winton 9741** from **25 September 2015**

Please read this Consent carefully, and ensure that any staff or contractors carrying out activities under this Consent on your behalf are aware of all the conditions of the Consent.

Details of Permit

Purpose for which permit is granted: To discharge contaminants to air from a lime works

Location	- site locality	10-20 Bend Road, Kings Bend, Winton
	- GPS reference	NZTM2000 1242940E 4881050N
	- Airshed	Southland

Legal description of land at the site: Part Section 71 Block VIII Winton Hundred, and Sections 70, 75, 76, 77 & 78 Block VIII Winton Hundred

Expiry date: 30 September 2040

History of Changes

- Amended by application dated 23 November 2018
- Amended by application dated 29 May 2020

Schedule of Conditions

1. The discharge to air shall only be contaminants from the following processes:
 - the quarrying of limestone using excavators at a rate of up to 500 tonnes per hour;
 - the operation of two coal and/or landfill gas fired rotary lime dryers with a combined drying rate of approximately 120 tonnes per hour of crushed limestone;
 - crushing and screening of limestone;
 - blending, transporting and storage of lime and fertiliser products; and
 - associated on-site processes.

The processes and the site are those described in the application and assessment of effects dated 14 October 2008, except where amended by the applications dated 23 November 2018 and 29 May 2020.

2. There shall be no discharge of particulate matter beyond the boundary of the property on which the consent is exercised that is offensive or objectionable to the extent that it causes an adverse effect on the environment.

Coal and/or Landfill Gas Fired Lime Dryers

3. Discharges from the lime dryers shall be treated by cyclonic separator and wet scrubber before discharge above the roof of the processing building.
4. The combined coal burning rate in the two dryers shall not exceed 2,800 kilograms per hour.
5. (a) The sulphur content of coal burned in the dryers shall not exceed 0.5% by weight.
(b) The combined sulphur dioxide discharge rate shall not exceed 2 kilograms per hour.
- 5A. Whenever coal is used as the sole or partial fuel source for the lime kilns, test sampling of the lime kiln stack sulphur dioxide emissions shall occur biennially for six years and then on a five-yearly basis to demonstrate compliance with condition 5 of this consent. Testing shall occur when the lime kiln is operating at greater than 70% of its maximum operating capacity and under current fuel combustion conditions. The method of sampling and measurement for sulphur dioxide shall be USEPA Method 6 or an equivalent method. The stack testing provider shall be IANZ accredited (or an equivalent accreditation body) for the testing undertaken.
6. The tonnage of coal burned per month, the type of coal and sulphur content, and the daily operating hours of the dryer shall be recorded. This information for the previous calendar year shall be provided to the Consent Authority by 31 January each year.

Dust Control

7. All practicable measures shall be undertaken to minimise the discharge of fugitive dust, including but not limited to:
- (a) using water sprays to dampen yard areas, internal roadways, material stockpiles and loaded trucks during dry, windy conditions, as necessary;
 - (b) maintaining established tree shelter around the boundary of the property;
 - (c) undertaking processing activities within an enclosed building vented to a water scrubber;
 - (d) storing processed lime product under cover;
 - (e) using a truck wheel wash; and
 - (f) regular sweeping of material in the despatch area;
 - (g) on-site vehicle speeds shall be restricted to not more than 20 kilometres per hour. A sign, capable of being read at a distance of five metres, shall be erected at the site entrance to inform all visitors of this requirement;
 - (h) to minimise emissions of dust from truckloads of product leaving the premises, loads shall be either covered, or dampened by water spray, prior to despatch.

Reporting

8. A record of all complaints made to the consent holder relating to the exercise of this consent shall be maintained, and shall include:
- (a) the location where the particulate matter was detected by the complainant;
 - (b) a description of the wind speed and wind direction and rainfall if any, when the particulate matter was detected by the complainant;
 - (c) the most likely cause of the particulate matter detected; and
 - (d) any corrective action undertaken by the consent holder to avoid, remedy or mitigate the particulate matter detected by the complainant.

The record of complaints for the previous calendar year shall be provided to the Consent Authority by 31 January each year.

Dust Management Plan

9. The consent holder shall prepare and implement a Dust Management Plan (DMP).
- (a) The DMP shall be prepared and provided to the Consent Authority within three months of the commencement of this consent and within one month of any subsequent amendment to the Plan.
 - (b) The DMP shall be reviewed annually.
 - (c) The DMP and any revisions shall include all measures necessary to achieve compliance with the conditions of this consent.

- (d) The DMP shall include, but not be limited to:
 - (i) a description of the dust sources on site;
 - (ii) the methods to be used for controlling dust at each source;
 - (iii) a description of monitoring requirements;
 - (iv) a system of training for employees and contractors to make them aware of the requirements of the DMP; and
 - (v) identifying staff responsible for implementing and reviewing the DMP.
- (e) The DMP shall include details of the steps to be taken to correct any non-compliances identified. If/when the Plan is amended, a copy of the amended version (or amended sections) shall be sent to the Consent Authority as soon as practicable following amendment.

Review of Consent

- 10. The Consent Authority may, during the period 1 February to 30 September each year, serve notice of its intention to review the conditions of this consent for the purposes of:
 - (a) dealing with any adverse effect on the environment which may arise from the exercise of the consent and which it is appropriate to deal with at a later stage;
 - (b) requiring the adoption of the best practicable option to remove or reduce any adverse effect on the environment;
 - (c) requiring the adoption of measures to reduce adverse effects of particulate matter or sulphur dioxide;
 - (d) requiring emission testing of discharges from the lime dryers or the wet scrubber serving the processing building;
 - (e) requiring or amending conditions for monitoring of dust emissions and dust effects;
 - (f) Ensuring the conditions of this consent are consistent with any National Environmental Standards Regulations, relevant plans and/or the Environment Southland Regional Policy Statement.

Advice notes

- 1. Annual consent administration and monitoring fees can be charged in accordance with Section 36 of the Resource Management Act 1991.
 - (a) This resource consent attracts:
 - (i) an annual administration charge; and
 - (ii) fees payable for the recovery of costs of monitoring this resource consent, including an annual inspection;

- (b) Charges are payable by the consent holder and will be in accordance with the Southland Regional Council Annual Plan.

for the **Southland Regional Council**

A handwritten signature in black ink, appearing to read 'Bruce Halligan', with a small dot at the end.

Bruce Halligan
Acting Consents Manager