

Our reference: A669454

Consent No. RM13.474.01

## **DISCHARGE PERMIT**

Pursuant to Section 104B of the Resource Management Act 1991, the Otago Regional Council grants consent to:

Name: Fulton Hogan Central Limited

Address: 11 Main Rd, Fairfield, Green Island, New Zealand

To discharge contaminants, namely odour, to air for the purpose of operating a solar drying facility

For a term expiring 4 September 2049

Location of consent activity: Luggate, approximately 575 metres west southwest of the intersection of McKay Road and Luggate-Tarras Road (State Highway 8A)

Legal description of consent location: Lot 2 DP 341373

Map Reference: NZTM 2000 E1306130 N5039786

### **Conditions**

#### **Specific**

1. The discharge shall only be as described in the consent application lodged with the Consent Authority on 4 March 2014. If there are any inconsistencies between the application and this consent, the conditions of this consent shall prevail.
2. The solar drying facility shall be generally sized and located as outlined in the plan attached as Appendix 1 to this consent.
3. A maximum of 4 truck deliveries totaling no more than 4 tonnes of secondary biosolids shall occur in a single day.
4. Any secondary biosolids received at the site:
  - (a) Shall have a volatile solids percentage no greater than 70 %; and
  - (b) Shall not be in a state that could cause an offensive or objectionable discharge to air at or beyond the property boundary to the extent that it causes an adverse effect in the opinion of an authorised officer of the Consent Authority.
5. Secondary biosolids shall not be stored outside the solar drying facility.
6. Secondary biosolids held within the drying facility shall be maintained in an aerobic condition by mechanical turning and ventilation in order to minimise

odour emissions.

### **Performance Monitoring**

7. The consent holder shall maintain and update a management plan for the management of odour from the solar drying facility. This shall be submitted to the Consent Authority one month prior to the first delivery of secondary biosolids. The Management Plan shall be revised annually and the consent holder shall ensure the Consent Authority has the most up to date copy at all times. The Management Plan shall include all measures necessary to achieve compliance with the conditions of this consent but not be limited to the following:
  - (a) Details of the best practicable options to prevent or minimise odour from the site;
  - (b) A full description of the facility;
  - (c) A site map showing the location of each discharge point at the facility;
  - (d) An operating and maintenance plan for the facility;
  - (e) Methods to accurately record all odour complaints received as a result of the operation of the facility. A copy of all complaints must be made available to the Consent Authority for audits and upon request;
  - (f) Annual community liaison for community feedback on any odour issues; and
  - (e) Assignment of responsibility for implementing and updating the plan and contact details for these people.
  
8. The consent holder shall maintain a record of any complaints received regarding the solar drying facility operation. The register shall include, but not be limited to:
  - (a) name and location of site where the problem is experienced;
  - (b) nature of the problem;
  - (c) date and time problem occurred, and when reported;
  - (d) action taken by consent holder to remedy the situation and any policies or methods put in place to avoid or mitigate the problem occurring again.
  - (e) the weather conditions at the time of complaint which are measured in accordance with Condition 10.A record of the complaint(s) shall be submitted to the Consent Authority as soon as practicable after a complaint is received, on request and by 1 July each year.
  
9. The consent holder shall inspect the site boundary at least once each day from Monday to Friday and record any detected odour, the character and intensity of such odour and any known cause. A record of this shall be kept and made available to the Consent Authority on request.
  
10. Prior to receiving secondary solids at the solar drying facility the consent holder shall begin continuous monitoring recording of wind speed, wind direction, solar radiation, relative humidity and temperature. The meteorological monitoring shall take place at a location on or as close as practicable to the consent holder's solar drying facility, and shall conform to Australian Standard AS 2922 as far as possible. A data logger shall be installed at the meteorological station and shall be downloaded every three months and at any other time at the request of the Consent Authority. The monitoring shall be undertaken in accordance with the recommendations in the 'Good Practice Guide for Air Quality Monitoring and Data Management' prepared by the Ministry for the Environment, 2009 and shall continue for term of this consent.

## **General**

11. There shall be no odour or particulate emissions resulting from the exercise of this consent that are offensive or objectionable at or beyond the property boundary to the extent that it causes an adverse effect in the opinion of an authorised officer of the Consent Authority.
12. The consent holder shall notify the Consent Authority as soon as practicable of any plant malfunction or breakdown that results in an abnormal discharge. The consent holder shall ensure that any malfunctions in control systems are repaired as soon as possible.

## **Review**

13. The Consent Authority may, in accordance with Sections 128 and 129 of the Resource Management Act 1991, serve notice on the consent holder of its intention to review the conditions of this consent within three months of each anniversary of the commencement of this consent for the purpose of:
  - (a) Determining whether the conditions of this permit are adequate to deal with any adverse effect on the environment which may arise from the exercise of the permit and which it is appropriate to deal with at a later stage, or which become evident after the date of commencement of the permit; or
  - (b) Ensuring the conditions of this consent are consistent with any National Environmental Standards; or
  - (c) Requiring the consent holder to adopt the best practicable option to remove or reduce any adverse effect on the environment arising as a result of the exercise of this permit.

## **Notes to Consent Holder**

1. *If you require a replacement permit upon the expiry date of this permit, any new application should be lodged at least 6 months prior to the expiry date of this permit. Applying at least 6 months before the expiry date may enable you to continue to exercise this consent until a decision is made, and any appeals are resolved, on the replacement application.*

Issued at Dunedin this day of

