



RESOURCE CONSENT

Discharge Permit

In accordance with the provisions of the Resource Management Act 1991 (RMA), and subject to the attached conditions, Hawke's Bay Regional Council (the Council) grants a resource consent for a discretionary activity to:

Affco New Zealand
PO Box 243
WAIROA 4160

to discharge contaminants into the air from the operation of the company's meat processing operation at Wairoa, including the following processes:

- Products of combustion from a 15 MW coal fired boiler
- Fellmongery
- Effluent treatment plant
- Rendering plant
- General associated operations to those above.

LOCATION

Address of site: Hunter Brown Street, Wairoa

Legal description: Lt 11 DP 12092, Lt 80 DP 1584, Lt 1 DP 3827, Lt 1 DP 13699, Lt 1 DP 3901, Lt 2 DP 3286, Secs 10R 11R 12R Blk II, Lt 2 DP 3183, Lt 2 DP 16841, Lt 1 DP 3435, Clyde SD.

Map reference: At or about X19: 935-318

CONSENT DURATION

This consent is granted for a period expiring on 31 May 2022.

Yolanda Morgan

ENVIRONMENTAL MANAGEMENT

Under authority delegated by Hawke's Bay Regional Council.
4th August 2010

This consent was originally granted on 8 August 2007 and subsequently changed (see page 6).

CONDITIONS

General

1. The consent holder shall undertake all operations in accordance with any drawings, specifications, statements of intent and other information supplied as part of the application for this resource consent. In the event that there is a conflict between the information supplied with the application and any consent condition(s), the conditions(s) shall prevail.
2. The concentration of hydrogen sulphide shall not exceed $7 \mu\text{g}/\text{m}^3$, as a 1 hour average, in the ambient air at or beyond the boundary of the premises as a result of emissions from the consent holder's property.
3. There shall be no discharge of any objectionable particulate matter on any land or structure beyond the boundary of the site.
4. There shall be no discharge of offensive or objectionable odours beyond the boundary of the site.

Coal Fired Boiler

5. Emissions of combustion products from the coal fired boiler shall be discharged through a chimney not less than 30 m high at a minimum efflux velocity of 10 m/s at full load. The discharge shall be vertically upwards and unimpeded.
6. The discharge to air from the coal fired boiler system shall not exceed a PM_{10} concentration of 200 milligrams per cubic metre of gas (expressed at 0°C and on a dry gas basis, standardised to 12% CO_2), before discharging to the atmosphere, prior to 31 December 2010. If emission testing indicates levels in excess of this condition the consent holder shall, within two months, arrange for a repeated emission testing.
7. By 31 December 2011 the discharge to air from the coal fired boiler system shall not exceed a PM_{10} concentration of 100 milligrams per cubic metre of gas (expressed at 0°C and on a dry gas basis, standardised to 12% CO_2) before discharging to the atmosphere. If emission testing indicates levels in excess of this condition the consent holder shall, within two months, arrange for a repeated emission testing.
8. Emissions of PM_{10} shall be exempt from Conditions 6 and 7 above, for the 30 minutes following the start up of the boiler from cold, and during soot blowing, provided all practicable measures are taken to minimise the emission of smoke.
9. By the 30th September 2010, the consent holder shall provide a report to the Council (Manager Consents) showing the options available to achieve compliance with Condition 7, and the preferred option. This may include a schedule for investigating whether NES exceedances are an issue arising from this discharge.
10. If the drying of biosolids occurs, the biosolids drier shall be ventilated to the rendering plant biofilter detailed in Condition 12.
11. The coal fired boiler shall be operated:
 - a) using coal with a sulphur content of not more than 0.5% by weight, and an ash content not more than 5% by weight.
 - b) using biosolids(de-watered sludge), pre-dried to not more than 25% moisture in the coal fired boiler.

- c) by substituting not more than 20% of the coal fuel with dried biosolids.
- d) with biosolids sourced from the on-site effluent treatment plant only.

Rendering Plant

12. The rendering plant shall at all times, and at all odour sources, be point source ventilated to a bio-filter and the following monitoring and maintenance practices shall take place to ensure that the system continues to effectively contain odour:
- a) Weekly monitoring and correction of the negative pressure on the suction side of the extraction fan. (Significant changes in this pressure are an indication that the system may require rebalancing, or that a blockage or leak may have developed).
 - b) Daily inspection and correction of the system for water vapour/odour emissions.
 - c) Daily inspection and correction of any raw material and product leaks that develop.

Details of all inspections, completed actions and the corrections made, shall be recorded. Records shall be made available to Council Staff on request.

13. By 31 May 2009 the consent holder shall submit a report from a suitably qualified person, for approval to the Council (Manager: Regulation), detailing the size and design of the biofilter for the rendering plant required by Condition 12.
14. Negative pressure shall be maintained at all times within the rendering plant to minimise fugitive emissions.
15. Prior to construction of the rendering plant commencing, the consent holder shall submit a report and associated plans from a suitably qualified person, for approval to the Council (Manager: Regulation), detailing how the rendering building will be designed to allow subsequent biofilter connection.
16. Raw material to be processed in the rendering plant shall be only sourced from the consent holder's premises that are the subject of this consent.

Effluent Treatment Plant

17. Within 16 months of the commencement of consent, if the biosolids belt press is still in operation, the biosolids building shall be fully contained and ventilated to a biofilter.
18. Where a biofilter is required in accordance with Condition 17, the consent holder shall submit a report from a suitably qualified person, for approval to the Council (Manager: Regulation), detailing the size and design of the biofilter for the biosolids building.

Monitoring and Reporting

19. The consent holder shall undertake emission testing of the coal fired boiler every six months until 2011, and annually thereafter. Emission testing shall be carried out when the coal fired boiler is running on mixed fuel, and when the coal fired boiler is running on coal only. The following test methods shall be used (or equivalent method to the reasonable satisfaction of the Council (Manager: Regulation), to determine the concentration of the following contaminants:

- NO₂ - Electrochemical or USEPA Method 7
- PM₁₀ – USEPA Method 201A
- SO₂ – Electrochemical or USEPA Method 6
- CO – Electrochemical or USEPA Method 3

The results of these tests, and the ratio of biosolids:coal, shall be forwarded to the Council (Manager: Regulation) within one month of the tests being carried out.

20. Annual testing shall be carried out to measure the concentration of hydrogen sulphide in the ambient air beyond the boundary of the premises. These tests shall be carried out by the Council, or by a suitably qualified person using test methods as authorised by the Council (Manager: Regulation). The consent holder shall meet the costs of this monitoring.

Note: this monitoring will not be carried out until the Fellmongery is commissioned.

21. The consent holder shall prepare within 6 months of the commencement of this consent, a management plan that addresses the following:

- a) identification of all significant odour sources on site, the procedures in place to address each odour source, and procedures in place for any periods of malfunction.
- b) Operating procedures for the biofilters and any maintenance required to be undertaken.
- c) The management plan shall require the development of a system which will record details of inspections, measurements and maintenance undertaken on any odour control system, any periods of malfunction, the reasons and the remedial action taken.
- d) The measures in place to ensure isolation and/or segregation of chemicals involved in the Fellmongery process (this part of the management plan is required prior to commissioning of the Fellmongery).

The management plan and records shall be made available to the Hawke's Bay Regional Council on request.

22. The Consent Holder shall facilitate, in conjunction with the AFFCO Wairoa Odour Working Party, regular meetings at a frequency determined by the consent holder and the AFFCO Wairoa Odour Working Party, but not less than once in each calendar year. Minutes from these meeting shall be made available to the Council on request.

23. The Consent holder shall record all complaints received. The record shall include:

- a) the date and time of the complaint,
- b) the nature of the complaint,
- c) the name, telephone number, and address of the complainant,
- d) weather information (an estimate of wind speed and direction)
- e) details of key operating parameters at the time of the complaint,
- f) corrective action taken.

Complaints shall be reported to the Council as soon as practicable and the log of complaints shall be made available to the Council on request.

REVIEW OF CONSENT CONDITIONS BY THE COUNCIL

The Council may review conditions of this consent pursuant to sections 128, 129, 130, 131 and 132 of the RMA. The actual and reasonable costs of any review undertaken will be charged to the consent holder, in accordance with s.36(1) of the RMA.

Times of service of notice of any review: During the month of May, of any year.

- Purposes of review:
- To deal with any adverse effect on the environment that may arise from the exercise of this consent, which it is appropriate to deal with at that time or which became evident after the date of issue.
 - To require the adoption of the best practicable option to remove or reduce any effects on the environment.
 - To modify any monitoring programme, or to require additional monitoring if there is evidence that current monitoring requirements are inappropriate or inadequate.
 - To require the consent holder to install appropriate odour control equipment for the fellmongery if hydrogen sulphide levels exceed the limit specified in Condition 2 on a regular basis.
 - To require the consent holder to retrofit the rendering plant building with a biofilter.
 - To deal with any unknown effects that may arise from supplementing the coal with biosolids. E.g. High contaminant levels.
 - To adjust the PM₁₀ emission limit detailed Condition 7 after ambient air monitoring in Wairoa has been carried out in order to meet the NES for PM₁₀.
 - To require the consent holder to install full building containment, with extraction to the bark filter, for the rendering plant if odour complaints specific to the rendering plant occur.

REASONS FOR DECISION

The reasons for granting the consent, including the plans, policies and any other statutory provisions that were considered, are in the application report enclosed with this document.

The consent has a duration of 15 years, expiring on 31 May 2022. This is in accordance with other air discharge consents in the region.

MONITORING NOTE

Routine monitoring

Routine monitoring inspections will be undertaken by Council officers at a frequency of no more than twice every year to check compliance with the conditions of the consent. The costs of **any** routine monitoring will be charged to the consent holder in accordance with the Council's Annual Plan of the time.

Non-routine monitoring

"Non routine" monitoring will be undertaken if there is cause to consider (e.g. following a complaint from the public, or routine monitoring) that the consent holder is in breach of the conditions of this consent. The cost of non-routine monitoring will be charged to the consent holder in the event that non-compliance with conditions is determined, or if the consent holder is deemed not to be fulfilling the obligations specified in section 17(1) of the RMA shown below.

Section 17(1) of the RMA states:

Every person has a duty to avoid, remedy, or mitigate any adverse effect on the environment arising from an activity carried on, by or on behalf of that person, whether or not the activity is in accordance with a rule in a plan, a resource consent, section 10, section 10A, or section 20.

Consent Impact Monitoring

In accordance with section 36 of the RMA (which includes the requirement to consult with the consent holder) the Council may levy additional charges for the cost of monitoring the environmental effects of this consent, either in isolation or in combination with other nearby consents. Any such charge would generally be set through the Council's Annual Plan process.

DEBT RECOVERY

It is agreed by the consent holder that it is a term of the granting of this resource consent that all costs incurred by the Council for, and incidental to, the collection of any debt relating to the monitoring of this resource consent shall be borne by the consent holder as a debt due to the Council, and for that purpose the Council reserves the right to produce this document in support of any claim for recovery.

CONSENT HISTORY

Consent No. (Version)	Date	Event	Relevant Rule Number	Plan
DP070026A	8/08/2007	Consent initially granted	28	Regional Resource Management Plan
DP070026Aa	04/08/2010	s.127 change of conditions. Conditions 7, 9 and 12 changed.		



RESOURCE CONSENT

Water Permit

In accordance with the provisions of the Resource Management Act 1991 (RMA), and subject to the attached conditions, the Hawke's Bay Regional Council (the Council) grants a resource consent for a discretionary activity to:

AFFCO New Zealand Limited

PO Box 243
Wairoa 4160

to take and use water from well no. 15657 (200 mm diameter) to provide a non-potable water supply to a meat processing factory.

LOCATION

Address of site

Corner of State Highway 2 and Flaxmill Road

Legal description

Site of take: Pt Lot 2 DP 3286

Site of use: Pt Lot 2 DP 3286, Lot 2 DP 3183, Lot 1 DP 3435, Lot 1 DP 13699, Lot 2 DP 13699, Lot 1 DP 3901, Sec 10R Blk II Clyde Survey District (SO 4313), Sec 11R Blk II Clyde Survey District (SO 4313), Sec 12R Blk II Clyde Survey District (SO 4313), Sec 15 Blk II Clyde Survey District (SO 4313)

Map reference

Well 15657: 2893384 6232347

CONSENT DURATION

This consent is granted for a period expiring on 31 May 2031.

LAPSING OF CONSENT

This consent shall lapse in accordance with s.125 on 31 May 2016 if it is not exercised before that date.

Site Map



Malcolm Miller
Manager Consents

RESOURCE MANAGEMENT GROUP

Under authority delegated by Hawke's Bay Regional Council

7th July 2011

CONDITIONS

1. The rate of taking shall not exceed **5 litres per second**.
2. The volume taken shall not exceed **3000 m³ per week**.
3. A water meter shall be installed prior to the exercise of this consent, and maintained to measure the volume of water taken to an accuracy of +/- 5%. The device shall be installed and maintained in accordance with the Council's *"Technical Specifications and Installation Requirements for Flow Meters"* (February 2010).

Data Returns

4. From the date the consent is first exercised the water measuring device shall be read at 7-day intervals throughout each year.
5. The consent holder shall provide the Council with a record of:
 - a) the meter reading (in cubic metres)
 - b) the volume of water taken in each 7-day period (in cubic metres)
 - c) the date and time of each reading
 - d) the point of take that the record relates to.
6. The consent holder shall provide the information listed in condition 5 at the following frequencies:
 - a) For the period 1 October to 31 May each year, no later than 7 days after the end of each calendar month.
 - b) For the period 1 June to 30 September, no later than 7 October.

Restrictions

7. No water shall be taken during "no take" periods specified by the Council for the purpose of obtaining accurate hydrological measurements, provided that:
 - a) the "no take" period specified by Council is of no longer than twenty four (24) hours duration,
 - b) the Council gives at least 7 days notice to the consent holder of the time of the "no take" period,
 - c) consecutive "no take" periods are separated by an interval of at least 14 days.

Technical Specifications

8. All works and structures relating to this resource consent shall be designed and constructed to conform to the best engineering practices and at all times maintained to a safe and serviceable standard.
9. The consent holder shall undertake all operations in accordance with any drawings, specifications, statements of intent and other information supplied as part of the application for this resource consent. In the event that there is conflict between the information supplied with the application and any consent condition(s), the condition(s) shall prevail.
10. All bores authorised by this consent to supply water shall be fitted with a device to allow water level and piezometric pressure monitoring to occur.

REVIEW OF CONSENT CONDITIONS BY THE COUNCIL

The Council may review conditions of this consent pursuant to sections 128, 129, 130, 131 and 132 of the RMA. The actual and reasonable costs of any review undertaken will be charged to the consent holder, in accordance with s.36(3) of the RMA.

Times of service of notice of any review: During the month of May in any year.

Purposes of review:

- To deal with any adverse effect on the environment which may arise from the exercise of this consent, which it is appropriate to deal with at that time or which became evident after the date of issue.
- To require that the installation and reading of the water-measuring device is consistent with any policies or rules in a regional plan, National Environmental Standard, or RMA Regulations.
- To modify any monitoring programme, or to require additional monitoring if there is evidence that current monitoring requirements are inappropriate or inadequate.
- To ensure that the volume of water authorised by the consent is consistent with actual water needs and is physically able to be taken.
- To require, if necessary, the installation of a backflow prevention device to ensure that no contaminant can enter the aquifer through the bore.
- To modify or add any condition to ensure that water is allocated in accordance with a proposed or operative plan.

REASONS FOR DECISION

The effects of the activity on the environment will not be more than minor. Granting the consent is consistent with the purpose and principles of the Resource Management Act 1991 and with all relevant plans and policies.

ADVICE NOTES

Water take records

1. Where no water is taken over an extended period the Council (Manager Compliance) may authorise that records be provided at intervals exceeding one month.

Wellhead construction

2. To minimise the risk of contaminants entering groundwater, well headworks are required to be constructed to ensure that there are no openings through which contaminants might enter the well. This would include ensuring that there are no gaps around pipework and cables at the wellhead.

Notification of Changes to Details

3. It is the responsibility of the consent holder to inform the Council (Manager Consents) if any details regarding this consent change, including any sale / purchase of the property and any change to contact details.

Water Meter Technical Specifications

Condition 3 requires that you install and read a water meter in accordance with the Council's *Technical Specifications and Installation Requirements for Flow Meters* (February 2010). This report is available as follows:

1. On the Council's website at www.hbrc.govt.nz/waterinformation.aspx
2. By request from Council staff

MONITORING NOTE

Routine monitoring

Routine monitoring inspections will be undertaken by Council officers at a frequency of no more than once every year to check compliance with the conditions of the consent. The costs of **any** routine monitoring will be charged to the consent holder in accordance with the Council's Annual Plan of the time.

Non-routine monitoring

"Non routine" monitoring will be undertaken if there is cause to consider (e.g. following a complaint from the public, or routine monitoring) that the consent holder is in breach of the conditions of this consent. The cost of non-routine monitoring will be charged to the consent holder in the event that non-compliance with conditions is determined, or if the consent holder is deemed not to be fulfilling the obligations specified in section 17(1) of the RMA shown below.

Section 17(1) of the RMA states:

Every person has a duty to avoid, remedy, or mitigate any adverse effect on the environment arising from an activity carried on by or on behalf of the person, whether or not the activity is carried on in accordance with

- a) *any of sections 10, 10A, 10B, and 20A; or*
- b) *a national environmental standard, a rule, a resource consent, or a designation.*

Consent Impact Monitoring

In accordance with section 36 of the RMA (which includes the requirement to consult with the consent holder) the Council will levy additional charges for the cost of monitoring the environmental effects of this consent, either in isolation or in combination with other nearby consents. Any such charge would generally be set through the Council's Annual Plan process.

DEBT RECOVERY

It is agreed by the consent holder that it is a term of the granting of this resource consent that all costs incurred by the Council for, and incidental to, the collection of any debt relating to the monitoring of this resource consent shall be borne by the consent holder as a debt due to the Council, and for that purpose the Council reserves the right to produce this document in support of any claim for recovery.

CONSENT HISTORY

Consent No. (Version)	Date	Event	Relevant Rule	
			Number	Plan
WP110007T	07/07/2011	Consent initially granted	55	Regional Resource Management Plan (August 2006)