

**Consent Conditions for Discharge Permit, Air – APP-2005011098.03**  
**AFFCO New Zealand Limited**

*Activity Specific Conditions - ATH-2007010926.03*

1. The activities authorised by this Air Discharge Permit shall be restricted to the discharge of contaminants to air, including odour, from the site. The discharges to air covered by this Air Discharge Permit are those associated with the following processes:
  - a. Animal slaughter;
  - b. By-product rendering;
  - c. Truck washing;
  - d. The primary wastewater treatment plant;
  - e. The holding of livestock in yards;
  - f. Other emission producing activities such as ventilation; and
  - g. The combustion of natural gas by three module steam boilers with a combined net heat output of 10.5 mw producing carbon monoxide, oxides of nitrogen and trace levels of particulate matter
  
2. The Permit Holder must undertake the activity in general accordance with the Resource Consent Application and AEEs prepared by Golder dated **March 2017** and prepared by WSP dated **June 2022**, including all accompanying plans and documents first lodged with the MWRC on **10 March 2017** and subsequent further information supplied **on 4 October 2017** by Email responding to the further information request dated **12 September 2017** together with any subsequent information or updates presented at the hearing **31 October 2017**, and accompanying documents lodged with MWRC on June 2022.

Where there may be inconsistencies between information provided by the Applicant and conditions of the resource consent, the conditions of the resource consent will apply.

**[Condition 2 Amended as per Decision APP-2005011098.03 dated 26 July 2024]**

3. The Permit Holder must undertake and complete the schedule of works as detailed in the titled **AFFCO Imlay Mitigation Table** provided to MWRC on the 16 November 2017 and attached to these conditions as **Schedule 1**. A written update on the progress of these works shall be provided to MWRC within six months of the commencement of this consent and thereafter an update to the schedule shall be included in the Annual Report required under **Condition 35**.

In the updates the Permit Holder shall:

- a. Indicate which works have been completed;
- b. Indicate why particular works have not been completed in the stated time periods;
- c. Provide new timeframes for implementation of works.

**ADVICE NOTE:** Unnecessary, avoidable or protracted delays in the implementation of any of the works may be considered a trigger for the initiation of enforcement action.

4. The Permit Holder must develop an Environmental Management Plan (**EMP**) that sets out a framework for the plans and processes for ensuring compliance with conditions of this permit, particularly **Condition 6**, regarding odour.

The EMP must include:

- a. Specific information, procedures and practices relating to the overall operation of the site;
  - b. Methods to facilitate achieving compliance with the conditions of this permit;
  - c. Methods to minimise the potential for offsite odour effects; and
  - d. Procedures to deal with complaints to ensure compliance with conditions 24-27.
5. The Permit Holder must develop an Odour Management Plan (OMP) to identify all systems and procedures that the Consent Holder has in place to reduce the risk of odours that could result in adverse effects beyond the site boundary. As a minimum, the OMP shall include chapters on the following, which must address but not be limited to the subsequent items:
    - a. Odour control system which includes:
      - i. A summary of all on-site odour sources.
      - ii. Details of the odour extraction, cooling and biofilter systems that target the main odour sources including their layout, their key design and operation parameters.
      - iii. A list of key compliance limits & guidelines for design and operational parameters associated with the extraction, cooling and biofilter systems including but not limited to the following:
        1. Recommended odour extraction, flows, vacuums as set out in Table 2: Concentrated odour source extraction – Recommended design flows as detailed in the Resource Consent Application and AEE dated 10 March 2017 and June 2022.
        2. The normal operating ranges for the Waste Heat Evaporator vacuum pump draught (kPa), stickwater level within the evaporator (% of maximum), final

stickwater concentration (% of solids); non-condensable gas temperature; and waste heat evaporator vapour temperature.

3. Airflow rate, temperature and pressures of airstreams within the inlet ducts to site biofilters.
- iv. Specific monitoring methods, work procedures/practices and maintenance that aim to ensure effective operation of the odour extraction, cooling and biofilter systems including but not limited to:
  1. Visual monitoring for fugitive odours (steam) associated with the rendering building in accordance with **Condition 20**
  2. Annual monitoring of biofilter flow rates and vacuums at extraction points in accordance with **Conditions 17 and 31** respectively.
- v. Specific procedures and frequencies for the collation, archiving and reporting of odour control system monitoring data (continuous and manually recorded) including but not limited to inlet air to biofilters, condensate temperature, biofilter temperature, bed back-pressure, pH and moisture content to ensure the system meets the standards set in **Conditions 15, 16 and 20**.
- vi. Procedures for responding to and recording odour complaints, reporting maintenance of associated complaint records and reporting information back to MWRC on complaints, investigations, actions and any relevant developments at the site that can impact on odour emissions, as required by **Conditions 26, 27 and 28**
- vii. A log recording any maintenance undertaken, any periods of malfunction, the reasons for malfunction and the remedial action taken to ensure the malfunction does not reoccur. The log must also note any notifications made to the Regulatory Manager of the MWRC under **Condition 21**. The log shall be made available to the Consents Monitoring staff of the MWRC on request and as part of the Annual reporting requirements in **Condition 35**. The log shall be maintained for the term of these Air Discharge Permits.
- viii. Procedures for annual review of the odour control systems and the OMP itself including updates to the OMP recommended from the review or as a result of process changes at the site.
- ix. A procedure to ensure the stockyards are cleaned, at a minimum, daily on those days on which animals are held for processing, and recorded in order to meet **Condition 12**.
- x. Details of the methods to be used for ambient odour monitoring as per **Condition 29**.
- b. Odour contingency measures which identify:
  - i. How to deal with raw material received by the LTRP which does not meet the requirements of **Condition 13**.

- ii. How to deal with any mechanical breakdowns including the removal of all material trapped within the LTRP when breakdowns are longer than eight hours.
  - iii. The process for notifying the MWRC Consents Monitoring Team in order to meet **Condition 21**.
  - iv. Any other measures that will minimise adverse effects on the environment likely as a result of incidents that may breach this consent
- c. Rendering procedures which include:
- i. Specific management controls on raw material quality and raw material preservation, including (but not limited to) a procedure for recording raw material quality and compliance with the requirements of **Condition 13**.
  - ii. Implementing the odour contingency procedures within the OMP in instances where the material is not of acceptable quality.
  - iii. A process to ensure compliance with **Condition 12** regarding the cleaning of rendering facilities including a daily log confirming cleaning has taken place.
  - iv. A monitoring programme of key process criteria, including provision for a daily log to record the matters set out in **Conditions 16 and 19**.
  - v. Provision to record the process operating temperatures for the rendering and drying equipment as per **Condition 20**.

The EMP and the OMP shall be provided to the Regulatory Manager of the MWRC by **1 February 2018** for technical certification and thereafter within **five (5) working days** of any content within the EMP changing.

The Permit Holder must comply with the certified EMP and OMP at all times.

**[Condition 5 Amended as per Decision APP-2005011098.03 dated 26 July 2024]**

6. The Permit Holder shall ensure there is no discharge to air of odour, or particulate matter (including meal dust from any vent) that is objectionable to the extent that it causes an adverse effect at or beyond the boundary of the AFFCO Imlay site.

**ADVICE NOTE:** When assessing compliance with this condition, an MWRC officer will consider the Frequency, Intensity, Duration, Offensiveness and Location of the odour (i.e. the FIDOL factors) in determining the adverse effect of objectionable odours.

7. The Permit Holder shall engage an independent person who shall be available, as far as practicable, within 30 minutes of receiving notification from either the Permit Holder or MWRC, to investigate odour complaints, and within 24 hours, to provide a written report to the Permit Holder and MWRC on whether the complaint is a confirmed odour complaint and whether that odour was considered

to have an offensive or objectionable effect beyond the site boundary by the independent person. The Permit Holder shall be responsible for paying all costs associated with the independent person's investigation and report.

The Permit Holder shall ensure that the independent person meets the AS/NZS 4323.3:2001, and its successors, requirement for an odour panelist and provide evidence of this to MWRC.

**ADVICE NOTE:** When assessing compliance with this condition, the independent person will consider the Frequency, Intensity, Duration, Offensiveness and Location of the odour (i.e. the FIDOL factors) in determining the adverse effect of objectionable odours.

8. If MWRC confirms that validated offensive or objectionable odours have occurred, then the Permit Holder must as soon as practicable investigate the potential source and provide a report to MWRC (within 24 hours of its investigation) of what caused the odour and what remedial action has been undertaken to stop the odour and prevent it from reoccurring. Where a permanent remedial action cannot be implemented immediately, the report shall provide a timeframe for implementation, and detail what measures will be implemented in the interim to minimise the potential for offensive or objectionable odours to occur.

This action will be added to the schedule of works required by **Condition 3** and any updated schedule provided in the annual reporting.

9. Where 3 or more complaints occur, within a 12 month period, and are validated as being offensive or objectionable odour and are identified as occurring from the blood plant, the blood processing rate will reduce to 2 T/hr. Daily processing at a rate of 4.5 T/hr shall not resume until the Consent Holder has:
  - a. Investigated the odour sources; and
  - b. Provided the MWRC with a report from a suitably qualified and experienced independent professional that confirms:
    - i. The cause of the odour has been identified (by an individual approved by the Regional Council and has undertaken appropriate training);
    - ii. The cause of the odour has been rectified; and
    - iii. The measures put in place will ensure that the cause of the odour will not reoccur; and
  - c. The applicant has received written confirmation from the MWRC that the processing rate of 4.5 T/hr may resume; or
  - d. Received no written confirmation from the MWRC but is has been 10 working days since the date of submission under 9(b), in which case blood processing of 4.5 T/hr can resume.

**[Condition 9 Amended as per Decision APP-2005011098.03 dated 26 July 2024]**

10. If directed in writing by MWRC following one or more validated offensive or objectionable odour complaints, the Permit Holder must commission a report by an appropriately qualified independent person, to review the efficacy of odour management at the Site, including but not limited to:
  - a. The point source extraction;
  - b. The biofilter system;
  - c. The need to fully enclose the raw materials receipt area;
  - d. The need to operate the ltrp building under negative pressure;
  - e. The need to place covers on the slaughterhouse offal bins; and
  - f. The need to have a cover on the skip collecting solids removed by the kontrashear.

The Permit Holder must provide that report to MWRC within twenty (20) working days of receipt of the written direction from MWRC.

The Permit Holder must implement any recommendations contained within the report as soon as practicable but no later than three months after receiving the report.

In the event that it is not practicable to implement a particular recommendation within three months, the Permit Holder may seek an extension from MWRC to the three month timeframe for that particular recommendation. These recommended actions will be added to the schedule of works required by **Condition 3** and any updated schedule provided in the annual reporting.

11. The Permit Holder shall ensure that the stockyards are thoroughly cleaned of animal waste as follows:
  - a. As a minimum at the end of each day that the stockyards have been used; and
  - b. Whenever the stockyards have been used and there is more than an hour until they are used again.
12. All equipment processing areas used for the receipt and processing of animal matter in the rendering operations shall be cleaned thoroughly (by way of water blasting or pressure hose) as follows:
  - a. At least one occasion every day on which processing occurs; and
  - b. At the cessation of the daily processing operation.

These areas shall be kept free of accumulated or deposited material.

13. All raw material to be processed on site must meet the following criteria:
- a. All soft offal shall be processed within six hours of kill, unless it has been stabilised by one of the following methods:
    - i. Stored material is cooled to a temperature of 20 degrees celsius or lower as soon as practicable but no later than six hours after the kill of the animal from which it is derived; or
    - ii. Stored material is treated with acid to ensure a ph of 4.5 or less; or
    - iii. any equivalent stabilisation method to (a) and (b) above which has been given technical approval by the Regulatory Manager of MWRC in which case stabilised soft offal shall be processed within **twenty-four (24) hours** of receipt; and
  - b. hard offal shall be processed within **forty-eight (48) hours** of receipt.
  - c. Where hard and soft offal have been mixed the material must be processed with 24 hours of receipt.

If raw material does not meet the above requirements, it must not be processed on site and contingency measures set out in the EMP must be implemented by the Permit Holder to dispose of this material in an approved off-site facility.

14. The Permit Holder shall ensure that the pre-cooled inlet air to all biofilters (except for the external raw material bin biofilter) shall be maintained at a temperature not exceeding 35 degrees Celsius (35°C) for 95% of the time as recorded via Supervisory control and data acquisition (SCADA), with a maximum temperature not exceeding 40°C. Furthermore, all condensate from the condensers shall be discharged via a covered drain and maintained at a temperature not exceeding 40 degrees Celsius (40°C). Measurements shall be kept in accordance with **Condition 30**.
15. The biofilters shall be maintained to the following standards:
- a. Media moisture content shall be maintained at 50 to 65% dry weight basis throughout its depth;
  - b. The ph shall be greater than or equal to 5 in the top 2/3rd layer of the biofilter media;
  - c. The static pressure (back pressure) of the biofilters determined in the inlet duct, shall not, under normal moisture conditions, exceed 150 mm/wg;
  - d. A maximum biofilter loading rate of 35 cubic metres of gas per hour per cubic meter of bed media;
  - e. A minimum bed depth of 0.7m and 0.6m for the main and dryer biofilters respectively;
  - f. A maximum back-pressure across the bed media of 50mm water gauge pressure; and

- g. The biofilters must remain weed free.
16. The Permit Holder shall undertake monitoring and inspection for all biofilters as follows:
- a. The back-pressure within the inlet duct to each bio-filter shall be continuously recorded;
  - b. Daily manual back-pressure checks, visual inspection for moisture content, leakage and odour discharge;
  - c. Moisture content and ph shall be monitored and recorded at least once a month from the commencement of this consent;
  - d. Monthly inspection and recording of biofilter condition i.e. Weeds, compaction, pugging or fissures, commencing from the date of commencement of this permit; and
  - e. Annual measurements of the biofilter inlet flows combined with vacuum monitoring results for duct connections to equipment.

All findings shall be recorded and detailed in a log.

17. The biofilter operation and maintenance logs shall be made available to the Regulatory Manager of MWRC or MWRC officers on request at any time. The operation and maintenance logs must also be supplied as part of the annual report required by **Condition 35**.
18. The Permit Holder shall operate and maintain a point source emission extraction system to extract all gaseous and vapour emissions from point sources of odour to the odour control system i.e. condensers, heat exchangers and biofilters as detailed in the Resource Consent Application and AEE dated 10 March 2017 and June 2022 as follows:
- a. On the wet-side of the rendering process, sources shall include the internal raw bin, pre-cooker, transfer conveyors, decanters, decanter tank, separator tank, wastewater drains and separators.
  - b. The external raw material bin, its enclosed discharge sump chamber and discharge conveyor shall be connected and air extracted to the main 36m x 36m soil-bark biofilter by **30 April 2018** and remain covered at all times apart from when open for deliveries.
  - c. On the dry side of the LTRP the sources shall include the meal dryer exhausts, meal storage bins and the filtered building ventilation air.

Extraction rates from all enclosed point sources shall be sufficient to ensure a vacuum is maintained within the enclosure system, with a minimum vacuum of 100 Pascal gauge being achieved within the extraction duct which connects to the enclosure system.



19. The Permit Holder must:
- a. visually check for any leaks of steamy odorous vapours from all enclosed process equipment and conveyors in rendering on a daily basis on days when the plant operates; and
  - b. Advise the MWRC Consents Monitoring Team of any maintenance work which may result in odour release to the atmosphere at least **twelve (12) hours prior** to the works commencing; and
  - c. Keep a log of the above checks details in (a) and (b).

Any remedial actions are to be undertaken in accordance with the procedures set out in the OMP required by **Condition 5**. Results of these checks and remedial actions shall be logged daily. Logs shall be made available to the Regulatory Manager of MWRC or MWRC officers on request at any time. The log must also be supplied as part of the annual report required by **Condition 35**.

20. The process operating temperatures for the rendering and drying equipment shall meet the following standards:
- a. The rendering vessels shall be operated at the lowest temperature practicable, and in any event shall not be operated above 100°C; and
  - b. The meat and bone meal dryers shall be operated at the lowest temperature practicable, which is consistent with MAF (or any future replacement regulatory body with relevant functions) sterilisation requirements, and to prevent burning of meal.

The temperature of the rendering vessels and dryers shall be continuously monitored and recorded. These records shall show the correct time and date. The records shall be made available to the Regulatory Manager of MWRC or of MWRC officers on request at any time. The records must also be supplied as part of the annual report required by **Condition 35**.

21. In the event of any incident at the Site or complaint received by the Permit Holder that has or could have resulted in a condition or conditions of this consent being breached ,the Permit Holder shall:
- a. Notify the Regulatory Manager or consent monitoring staff at MWRC **within two (2) hours** of the Permit Holder becoming aware of the incident mechanical breakdown or complaint and advise what action is being taken to respond to the situation; and
  - b. Forward a report to the Regulatory Manager of MWRC. The report must detail the cause, if known, of the mechanical breakdown or complaint and what actions the Permit Holder has undertaken in response. The report must be received within **five (5) Working Days** of MWRC being notified under (a).

22. The Permit Holder shall provide co-ordination and administrative support for the Community Liaison Group (CLG) including a dedicated contact point at the site, provision of a meeting point and

overseeing any administration associated with the group. The general purpose of the CLG shall be for the Consent Holder to inform the CLG of:

- a. The odour generating activities being undertaken within the Imlay site;
  - b. The current odour management processes and procedures being used for those activities;  
and
  - c. Any proposed alterations to those activities, processes or procedures.
23. The Permit Holder shall invite all persons who submitted on the notified air discharge applications in 2017, an iwi representative from each of Tupoho, Ngā Tāngata Tiaki o Whanganui and Tama Ūpoko, and one representative from each of MWRC and Whanganui District Council to join the CLG. The CLG must also be open to any other person who wishes to join.

The information provided to the CLG shall include a copy of the Complaints Register for the period since the last meeting.

Meetings of the CLG shall be held **annually in March** and upon receiving a written request for a meeting from the MWRC or by request of a CLG member. A CLG meeting shall be convened by the consent holder within **four (4) weeks** of any such request being received from the MWRC or CLG member.

24. The permit holder must provide a 24 hour contact name and number for receipt of complaints. This contact must be provided to:
- a. All members of the CLG; and
  - b. Published in the White Pages of the Whanganui Telephone Book; and
  - c. Published in newspapers circulating in Whanganui every three months following the commencement of this Air Discharge Permit; and
  - d. Must be clearly posted at the site entrance which faces a publicly accessible road together with details of the Permit Holder's website established pursuant to **Condition 25**.

The telephone number shall be attended on a 24 hour basis by a person when the site is operating and additionally a suitably qualified and experienced person shall be available to respond to and investigate all complaints received on a 24 hour basis.

25. The Permit Holder, shall establish and make available a webpage, be it on its own website or externally hosted, which provides the following information:
- a. A 24 hour contact name and phone number for receipt of complaints;
  - b. An email address for lodging complaints with the permit holder;

- c. A copy of this consent and approved management plans and links to any external documents or references in these consents (except where restricted by copyright);
  - d. A copy of any consents related to other operational activities on the site;
  - e. A copy of the latest annual report required by this permit; and
  - f. A copy of a plan showing the location of all consented operational activities on the site.
26. The Permit Holder shall maintain a Complaints Register for any complaints received including any complaints either received or directly referred to the Permit Holder by Whanganui District Council or MWRC. For each complaint received the Consent Holder shall record:
- a. The name and address of the complainant (if given);
  - b. The location where the complaint occurred;
  - c. The date and time that the odour was encountered or if that information is not given, the date and time that the complaint was received;
  - d. The wind speed and direction at the affco lmlay site when the odour was encountered; and
  - e. A description (if given) of any odour character, strength and persistence; and copies of any feedback given as per **Condition 27**.
27. For each complaint received the Permit Holder shall:
- a. Investigate the odour complaint as quickly as possible and no later than 30 minutes of receiving the complaint;
  - b. If the source of the odour is identified as being within the site undertake remediation or mitigation measures designed to stop the odour, and prevent or minimise the risk of the odour reoccurring as soon as practicable;
  - c. Provide an initial response to the complainant within 24 hours of any complaint being received.
  - d. Provide written feedback, within five working days of receiving a complaint, to the complainant regarding whether or not the source of the odour was identified and what actions were undertaken by the permit holder in order to ensure the incident does not reoccur. Copies of the written feedback provided to the complainant shall be included in the complaints register. Copies of the complaint record and response shall be provided to the regulatory manager of mwrc within **five (5) working days** of the complaint being received.

**ADVICE NOTE:** For the purposes of this condition the person investigating the complaint shall be the independent person identified in **Condition 7** except where that person is not available in which case

it shall be investigated by an employee of AFFCO who does not normally work in operational areas of the Imlay plant, and who has been assessed as having a normal sense of smell.

28. A copy of the Complaints Register shall be provided to MWRC upon request. The Complaints Register for the year ending 30 April shall be provided to the Regulatory Manager of MWRC as part of the annual reporting required by **Condition 35**.
29. The Permit Holder shall carry out monthly odour surveys around the boundary of the site, and shall record whether any odour attributable to AFFCO is discernible or not at each location. Monitoring shall occur when the rendering plant is fully operational. These boundary surveys shall be undertaken by the independent person identified in **Condition 7**. The methods and reporting shall be set out in the environmental management plan required by **Condition 4** that is certified by MWRC.

The outcome of each monthly odour survey shall be recorded. The Permit Holder shall investigate the cause of any significant odour (intensity greater than two on the VDI 3940 intensity scale) detected during each survey, and implement any necessary remedial action within 48 hours of its detection.

A record of each monthly odour survey and any remediation carried out shall be reported in the annual report required by **Condition 35**.

30. The Permit Holder shall measure and record temperatures as specified in **Condition 15** including from the condensers associated with odour control systems and log via the rendering plant SCADA system. Electronic records of temperature versus time and data shall be made available to the Regulatory Manager of MWRC or MWRC Officers on request.
31. The Permit Holder shall, annually **prior to 30 March**, undertake an annual audit of the rendering plant's odour control systems that considers the effectiveness of the extraction, cooling and biofilter system and its overall performance in regards to controlling odour emissions. The audit should utilise all monitoring data (manual and continuous, complaint records, any independent odour assessments) as well as include downwind odour assessments of the operational rendering plant and ancillary activities. The audit should assess the state of the odour extraction, cooling and biofilter system and taken appropriate measurements and sample for analysis required to confirm the status these systems against their design and required operating parameters. Any analysis of samples shall be undertaken by an appropriately qualified testing laboratory and sampling undertaken as specified in the OMP. Accepted methods shall be used for measurement of media properties that are certified by the Regulatory Manager of MWRC.

The audit shall be undertaken by person(s) who is independent, appropriately qualified and experienced in the operation and maintenance of air extraction, cooling and biofilter systems.

The results of the assessment, including a summary of the findings, details of any action(s) to be taken to improve the efficiency of the overall odour control system, and a timetable for those actions to be undertaken; must be submitted to the Regulatory Manager of MWRC as part of the annual

report in **Condition 35**. Any remedial actions must be implemented in a timeframe of 6 weeks or less, where practicable, and the Permit Holder must demonstrate the works have been completed within these timeframe in the annual report.

In the event that it is not practicable to implement a particular recommendation within 6 weeks, the Permit Holder may seek an extension from MWRC to the 6 week timeframe for that particular recommendation.

32. The Permit Holder shall, annually **prior to 30 March**, measure and record the vacuum (pressure) at all enclosed equipment items that are extracted by the odour control systems as follows:
- a. Pressure shall be measured in the head space of the equipment items that are targeted by the extraction systems. The measurements shall be undertaken by an independent appropriately qualified and experienced person following industry best practice for measurements of this type.
  - b. The Permit Holder shall prepare a report on the findings and critically analyse the results (including a comparison with historical data) and if required, make recommendations as to the adequacy of the extraction rates, whether pressures are sufficiently negative and whether additional sealing/enclosing of any rendering plant process area is needed to ensure adequate extraction and compliance with conditions of this consent.

This report must be submitted Regulatory Manager of MWRC as part of the annual reporting required by **Condition 35**.

33. The gas combustion units on the boiler shall be tuned and tested, **prior to 30 April annually**, to maintain efficient combustion of fuel. A report summarising boiler test results shall be supplied to the Regulatory Manager of MWRC as part of the annual report in **Condition 35**.
34. The Permit Holder shall monitor the quality of raw material that is processed in the rendering plant to ensure compliance with **Condition 13**. The following parameters for all raw materials received at the rendering plant shall be logged.
- a. Type, quantity and source of raw materials received in each load;
  - b. Temperature, ph, visual appearance and odour of soft offal held in receiving bins;
  - c. Approximate age of raw materials upon receipt and the expected time before processing;
  - d. Details of any stabilisation, where required; and
  - e. Acceptance or rejection of material and if rejected where and when its disposal occurs.

The log shall be made available to the Regulatory Manager of MWRC or MWRC officers on request at any time. The log must also be supplied as part of the annual report required by Condition 35.

35. The Permit Holder shall prepare an Annual Report summarising performance in relation to the discharges allowed under this resource consent. The Annual Report shall be provided to the Regulatory Manager of MWRC by 1 June each year from the commencement of this consent. The report shall cover the period 1 May – 30 April. The purpose of this report is to provide an overview of the monitoring and all reporting work undertaken, compliance performance, and any environmental issues that have arisen from air discharges authorised by this consent.

The Annual Report shall include but not be limited to:

- a. An update of any actions undertaken in accordance with **Condition 3**;
- b. A summary of all biofilter performance, maintenance and monitoring as collated in the log required by **Condition 16** and the annual assessment required by **Condition 31**;
- c. A copy of the log required by **Condition 19** regarding daily site checks;
- d. A copy of the process operating temperatures for the rendering and drying equipment log as required in **Condition 20**;
- e. A summary of any notifications made to MWRC in accordance with **Condition 28**;
- f. A copy of any notes recorded during the annual meeting of the CLG under **Condition 22**;
- g. A summary of monthly odour surveys received and the outcome of any investigations and responses required by **Condition 29**;
- h. Reporting undertaken as part of **Condition 32** regarding the vacuum (pressure) at all enclosed equipment items;
- i. Records all instrument calibrations carried out on the rendering plant cooling and odour control equipment;
- j. Any other relevant information; and
- k. From **1 June 2019** onwards, a summary of the breaches identified in the previous year's annual report along with evidence of undertaking the remedial work proposed within the timeline stated.

The Permit Holder shall finalise the report with a summary of breaches and a clear timeline in how these will be addressed. All timelines should be a term of 9 months or less in order, where practicable, for the remedies to be addressed in the following years annual report (as per (k) above).

In the event that it is not practicable to implement a particular recommendation within 9 months, the Permit Holder may seek an extension from the MWRC to the 9 month timeframe for that particular recommendation

36. The MWRC, under section 128 of the Act, may initiate a review of all conditions of these Air Discharge Permits Annually in the month of July for the term of these Air Discharge Permits.

- a. The review shall be for the purpose of:
  - i. Reviewing the effectiveness of these conditions in avoiding or mitigating any adverse effects on the environment;
  - ii. Reviewing the adequacy of the monitoring and reporting required by these air discharge permits;
  - iii. Reviewing the frequency of the clg meetings;
  - iv. Reviewing the findings of audit reports required under **Condition 31**;
  - v. To review the effectiveness of the conditions of resource consents relating to odour control, in the event of validated offensive or objectionable odour;
  - vi. Reviewing the effectiveness of odour extraction, cooling and biofilter treatment systems at controlling odour discharges to levels that cause less than minor effects beyond the site boundary;
  - vii. Reviewing the requirement to operate the rendering plant building under negative pressure by extracting the process air within that building and treating it in a biofilter;
- b. The review of conditions shall allow for:
  - i. The deletion or amendment to any conditions of these Air Discharge Permits; and
  - ii. The addition of new conditions as necessary to avoid, remedy or mitigate any adverse effects on the environment; and
  - iii. The implementing of any recommendations of the annual report required under **Condition 35**.
  - iv. If necessary and appropriate, the adoption of best practicable options to avoid, remedy or mitigate any adverse effects on the environment.

In the case of repeated non-compliances or breaches of consent limits, to review the conditions, with the aim of introducing new or revised conditions that will effectively and efficiently seek to manage environmental effects.

37. The resource consent will expire on 1 July 2025.

38. The Permit Holder must not process more than 42 T/day of blood with no more than 30 T/day being from external sources. This information must be recorded and made available to the Manawatū-Whanganui Regional Council upon request.

**[Condition 38 added as per Decision APP-2005011098.03 dated 26 July 2024]**

39. The Permit Holder shall continue to work with ngā hapū at place and/or iwi to build a meaningful and enduring relationship, aligned with Te Awa Tupua. The relationship shall be formalized between parties in a prescribed format to be agreed.

**[Condition 39 added as per Decision APP-2005011098.03 dated 26 July 2024]**