

Noise Management Plan

Birch Tree Poultry Site
Little Witley, Worcester, WR6 6LQ

June 2021
Ref CFL/10/NMP

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1. Introduction

1.1.1. This Noise Management Plan outlines the methods by which Corbett Farms will systematically assess, and minimise the potential impacts of noise generated during the operation of the Eaton Hill Poultry Site. The Noise Management Plan is a working document with the specific aim of ensuring that:

- noise impact is considered as part of routine inspections
- noise is primarily controlled at source by good operational practices, including physical and management control measures
- all appropriate measures are taken to prevent or, where that is not reasonably practicable, to reduce noise emissions from the Site at nearby receptors

1.1.2. This Noise Management Plan addresses the impact of noise and the control measures employed to mitigate the risk. These are supported through monitoring procedures to identify both elevated levels and review complaints should they arise. The complaints management procedure including the management responsibilities are also addressed.

2. Sources, releases and impacts

2.1.1. Sources of noise generated at the site are limited to the following activities:

- Operation of Ventilation Vans
- Operation of Standby Generator
- Deliveries of Feed
- Delivery and Removal of Birds
- Clean out following removal of birds.

2.1.2. As not all of the sources of noise mentioned above are continuous, the sources of noise will vary throughout the day.

2.1.3. Noise from on-site will generally occur between 0700 and 1800 Monday to Friday, and between 0700 and 1300 on a Saturday, however, the fans and generator are automated and could be called to run at any time.

2.1.4. Once generated, the pathway for noise will be air transport. Sensitive receptors will include humans living close to the site, in particular properties



to the south of the site. Also (as per the map image below) there are public footpaths to the immediate west and north of the site. With the implementation of mitigation measures through the operation of the site, the noise levels likely to be generated by the site should not have an adverse impact at the existing and proposed residential receptor locations adjacent to the site, resulting in a low overall risk.



2.1.5. The methodologies presented in this management plan take full account of Environment Agency (EA) guidance documentation Technical Guidance Note IPPC H3 (part 2), Horizontal Guidance for Noise Assessment and Control.



3. Noise Control Measures

3.1. General

3.1.1. Physical and management measures have been included to control noise at the Site. These are discussed below separately.

3.2. Site Management Responsibility

3.2.1. The Site Manager (SM) (or designated responsible person) will have responsibility for ensuring that nuisances and hazards arising from the site due to noise are minimised. Regular meetings will be held to discuss current and planned site operations that have the potential to generate noise emissions.

3.3. Physical Control Measures

3.3.1. A comprehensive range of physical control measures will be implemented at the site including:

- Silencers will be fitted to all machinery where possible.
- White noise reversing alarms will be used on mobile plant.

3.4. Management Control Measures

3.4.1. A comprehensive range of management control measures will be implemented at the site including:

- All plant and equipment will be regularly maintained to ensure that no item will produce excessive noise;
- External Operations will take place (where possible) during working hours (i.e. 08:00 – 18:00 hours weekdays, 0800 – 1300 Saturdays);
- Staff will be made aware that they are working in the vicinity of residential receptors and avoid all unnecessary noise due to misuse of tools and equipment, and unnecessary shouting and radios. To further enhance this, staff will be trained to operate the equipment and plant without causing excess noise;
- All automated plant (ventilation fans, standby generators, etc) will be maintained so they only operate to the minimum levels required.

3.4.2. If at any time it is necessary to undertake temporary actions that are likely to cause elevated levels of noise, the SM (or designated responsible



person) will contact the local receptors and any other interested parties before such actions are taken to inform them of the operations being undertaken and that the elevated levels of noise will be of a temporary nature. Where practicable, such actions will only proceed when the prevailing wind direction is away from sensitive receptors.

4. Emissions Monitoring

4.1. General

- 4.1.1. All operational staff will be responsible for reporting any noise problems immediately to the SM (or designated responsible person).
- 4.1.2. Baseline noise assessments will be undertaken (See Appendix 1). Routine noise monitoring is proposed to be periodically undertaken at the same locations to confirm any noise increase due to operations, as well as any changes to background noise levels. Qualitative monitoring of noise levels will be included as a factor to be considered by the SM (or designated responsible person) as part of their daily maintenance walkover of the site.
- 4.1.3. Routine maintenance of all plant and equipment, will also identify equipment operating at elevated noise levels and work will be undertaken to repair the defect.



5. Noise Contingency Measures

5.1. Introduction

- 5.1.1. Elevated levels of noise may be identified either by receipt of a noise complaint from a third party suggesting that there is an excessive noise from the Site or by detection of noise as a result of the routine monitoring by site personnel.
- 5.1.2. This Section details the contingency measures in place to identify the source of elevated noise levels, bring noise levels back under control and minimise their impact.

5.2. Noise Complaint Investigation

- 5.2.1. A diary note, plus forms to record complaints, will be completed by the SM (or designated responsible person) and recorded on site.
- 5.2.2. All complaints from third parties will be forwarded to the SM (or designated responsible person) to action as below and recorded onto an incident reports log within 72 hours.
- 5.2.3. The SM (or designated responsible person) will ensure that:
- The complaint is investigated to identify the cause, if necessary this may involve direct communication with the complainant.
 - In the event of elevated levels of noise being detected, the presence of 'abnormal' onsite activity is assessed and if necessary preventative action is taken that will prevent a reoccurrence of the same problem. These actions must be documented
 - The Complainant will be contacted and given information on the investigations conducted and actions taken as appropriate
 - All complaints are reported to Corbett Farms Directors and discussed at site meetings
 - If the investigation indicates that the complaint has not been justified this will be clearly recorded on the Incident Report. All complaints will be logged.



5.3. Elevated Noise Levels

5.3.1. Any elevated levels of noise identified by the monitoring detailed in Section 4 or via a noise complaint investigation (Section 5.2) will be mitigated as follows:

- The SM (or designated responsible person) will investigate the source of the noise and carry out a range of checks at the identified source of the elevated levels if it is found to be originating from within the site. As part of these checks, the SM (or designated responsible person) will consider the need for quantitative monitoring.
- Any noise monitoring will be completed in accordance with the relevant British Standards.
- The results of any noise monitoring will determine whether the site is causing an unacceptable impact at the receptor in question.
- The SM (or designated responsible person) will then ensure that the plant or equipment is being operated to the manufacturer's specification, and ensure that any improvements required to minimise the noise levels are made.

5.3.2. To further mitigate the elevated noise levels, the following actions shall also be considered.

- The replacement of equipment identified as generating excess noise.
- Review of the time of intermittent operations to determine if they can be undertaken at a different time.
- Review the operation of automated equipment to ensure it is operating to the minimum levels required.
- Once the improvements identified by the SM (or designated responsible person) have been completed, the manager will commission a further set of monitoring to ensure that the improvements have met the required standard. If the noise levels are still not being met, then the SM will make further improvements and subsequent monitoring until the limits are met.

5.3.3. If operational failings are identified, the retraining of employees will take place to ensure that all employees operate to the required standards.



5.4. Reporting Measures

- 5.4.1. In the event of elevated levels of noise being identified, the event will be reported to CFL where a log will be kept. Details of the complaint is then distributed throughout the company for review at operational, management and health and safety meetings.
- 5.4.2. The log will record any actions taken to rectify the issue, ensure that any necessary actions or review are recorded, and ensure that the person reporting the incident is notified.
- 5.4.3. The SM (or designated responsible person) will investigate the performance failure event within 2 hours. Once the issue has been resolved, the corrective action taken will be entered onto the system and the issue will be closed.



6. Appendix 1 – Baseline Noise Survey

Noise Survey Report

Report No:	CFL/19/NR01
Date:	__/__/____
Location:	Birch Tree Poultry Site
Instrument:	Precision Gold N05CC (IEC 651 Type II)
Weather:	
Purpose of Measurements:	Background Noise Levels

Test Location	Time	Reading dB(A) ¹	Comments
A			
B			
C			
D			
E			

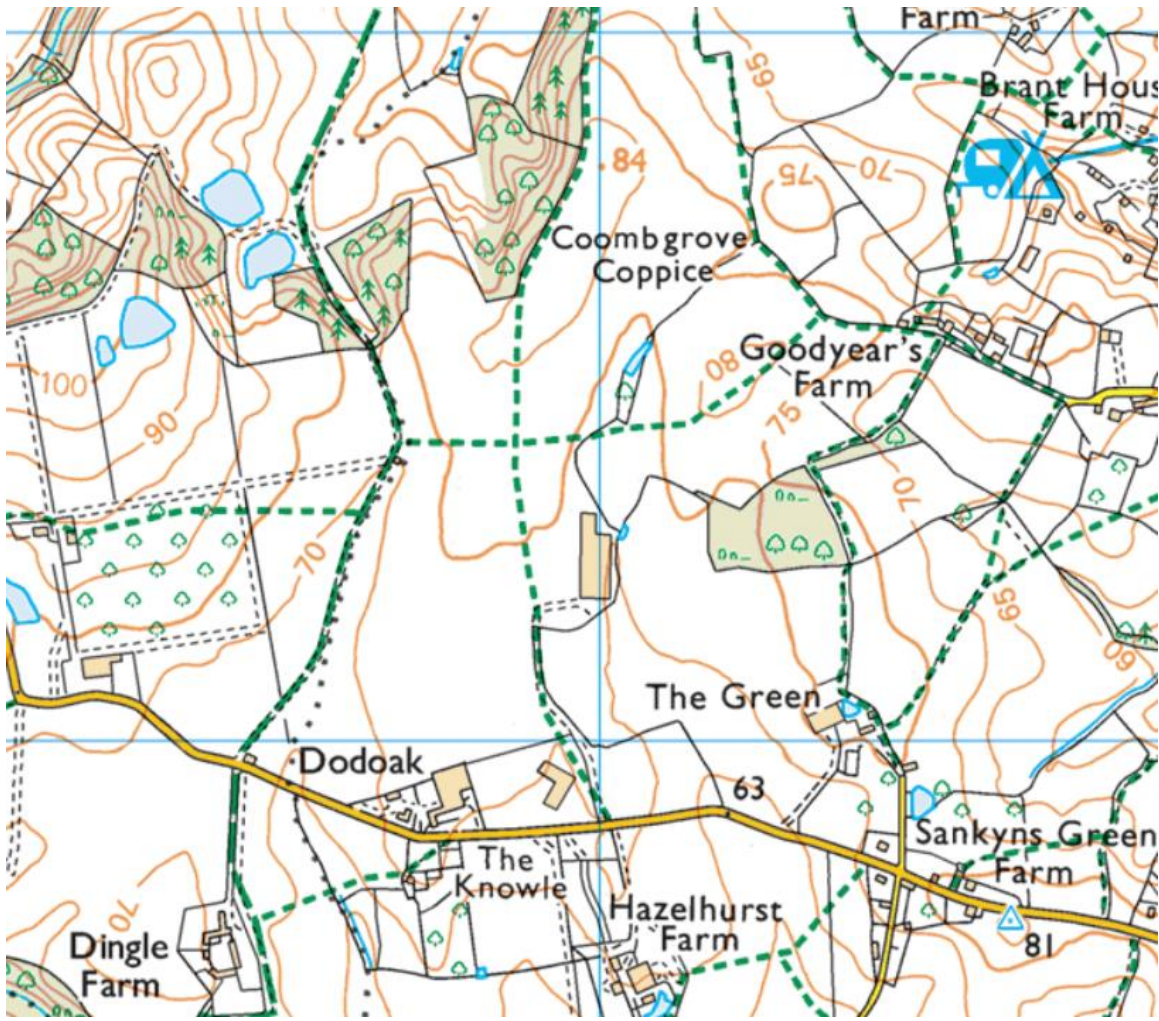
Undertaken by:	
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¹ Max Reading over 1 minute.



Noise Survey Report

Location Map



7. Appendix 2 – Proforma Noise Complaint Form

Noise complaint report form	Date:	Ref. No.
Name and address of complainant		
Tel no. of complainant		
Time and date of complaint		
Date, time and duration of offending noise		
Weather conditions (e.g., dry, rain, fog, snow)		
Wind strength and direction (e.g., light, steady, strong, gusting)		
Complainant's description of noise (e.g., hiss, hum, rumble, continuous, intermittent)		
Has complainant any other comments about the offending noise?		
Any other previous known complaints relating to installation (all aspects, not just noise)		
Any other relevant information		
Potential noise sources that could give rise to the complaint		
Operating conditions at the time offending noise occurred (e.g., flow rate, pressure at inlet and pressure at outlet)		
Action taken:		
Final outcome:		
Form completed by		Signed

