

## Noise Management Plan

This Noise Management Plan was prepared following the methodology in Sector Guidance Note EPR 6.09 – How to comply with your environmental permit for intensive farming - Appendix 5 - Noise management at intensive livestock installations (Version 2, January 2010).

The following noise sensitive receptors have been identified within 400m of the installation boundary.

Distance from installation boundary	Direction from Installation	Location	Grid Reference (approx.)
41m	NE	Conifers, Silvertoft Lane	TF 29590 41703
183m	SW	Redvers, Cuthbert's Lane	TF 29308 41316
193m	E	Ponderosa, Silvertoft Lane	TF 29731 41555
277m	E	Orange House Farm, Silvertoft Lane	TF 29817 41564

Should any noise complaints be received from any source, including the above identified sensitive receptors, the Noise Complaint Form will be completed and potential sources of noise investigated. Stonegate will keep the complainant informed of the findings of the investigation. The complaints log will be made available to the EA on request.

### Sources of Noise and Mitigation Measures

The table below describes the identified potential sources of noise and the actions and processes in place to mitigate them.

Sources of Noise		Mitigation actions
1	Large vehicles travelling to and from the site.	<ul style="list-style-type: none"> <li>All vehicles are required to be driven onto and off the site with due consideration to neighbours.</li> <li>Deliveries of feed and fuel are made only during daytime hours so that disturbance is minimised.</li> </ul>
2	Large vehicles on site for: <ul style="list-style-type: none"> <li>Feed Delivery</li> <li>Removal of manure</li> <li>Removal of dirty wash water from tanks</li> </ul>	<ul style="list-style-type: none"> <li>Vehicles must be well maintained and driven slowly around the site.</li> <li>Engines must be turned off when not required.</li> <li>Poultry shed doors to be kept closed where possible when vehicles are working inside.</li> <li>Manure removal takes place during weekdays and during daylight hours.</li> </ul>

Sources of Noise		Mitigation actions
		<ul style="list-style-type: none"> <li>Vehicles which are fitted with audible reversing warning systems are generally only used during the daytime.</li> </ul>
3	Small vehicles travelling to and from the farm (e.g. staff or visitor's cars, courier van deliveries, etc.)	<ul style="list-style-type: none"> <li>Small vehicles arrive during the working day and are therefore considered as a low risk.</li> </ul>
4	Feed transfer from lorry to bulk storage bins.	<ul style="list-style-type: none"> <li>Vehicles are well maintained and are designed so that noise during feed transfer is minimised.</li> <li>Feed silos are purpose built and include noise reducing measures where available.</li> <li>Feed silos are located between the poultry houses and south of the link building which has a noise screening effect.</li> </ul>
5	Operation of fans	<ul style="list-style-type: none"> <li>Efficient extraction fans are used and maintained in good condition to avoid excessive noise.</li> <li>Fan related noise complaints will be investigated promptly.</li> </ul>
6	Alarm system and standby generator	<ul style="list-style-type: none"> <li>Systems tested weekly as required by law and accreditation schemes. This is timed to minimise any nuisance to neighbours.</li> <li>All electrics and equipment are routinely checked and maintained so that back-up systems are rarely required to be used in practice.</li> </ul>
7	Livestock	<ul style="list-style-type: none"> <li>Noise from the birds is not considered to be a likely cause for complaint, as birds are kept within the poultry houses at all times.</li> <li>During depopulation, nuisance is minimised by careful handling and prompt removal of the transporting lorry from the site after loading.</li> </ul>
8	Personnel	<ul style="list-style-type: none"> <li>Staff, catching teams and other contractors are required to carry out their duties without creating excessive noise through shouting, use of radios, etc.</li> </ul>
9	Repairs	<ul style="list-style-type: none"> <li>When repair work is required at the farm it is undertaken during normal working hours and with due regard to possible noise disturbance.</li> <li>In the event of major repair work which is likely to cause significant noise and disruption or an emergency night time breakdown which is that is likely to impact on bird welfare, neighbouring residents will be notified.</li> </ul>

## Noise Monitoring

Daily noise monitoring will be undertaken by site personnel at the main gate (TF 29540 41687) and the site boundary to the east of the poultry houses (TF 29527 41510). This are located at the boundary of the installation and between the poultry houses and the identified sensitive receptors to the east. The monitoring will comprise listening for sources of noise from the poultry farm. No quantitative measurements will be taken.

A daily check sheet will be completed to record the tests and any follow up action required.

## Noise Response

In the event that a breakdown of equipment occurs, noise is detected at the main gate, or should a complaint be made, the following response measures will be taken:

Event	Response	Timescale
Fans operating incorrectly	Should a fan stop working or work noisily repair will be requested promptly.	Immediately
Generator noise	The generator installed at site is new and should incorporate low noise design. Should any malfunction, repair will be requested promptly. Unless total loss of power is experienced, generator will only be used for approximately 30 minutes per week for test.	Immediately
Noise from heavy vehicles	If a heavy vehicle is operating noisily, the operator will be requested to not bring it back to site until repaired.	Immediately

Weekly tests of the generator should identify any noise issues and allow an engineer visit to be scheduled. All other equipment should be maintained in accordance with manufacturer's recommendations, e.g. periodic lubrication of drives where required. Visual inspection of ventilation systems when washing down poultry houses will also be undertaken, though fan and motor related issues will be identified through changes in sound, and an engineer's visit scheduled.

## Review of this plan

This plan will be reviewed by management at least annually or following receipt of noise complaints.

## Noise Complaint Form

<i>Complete this form in as much detail as possible, in accordance with the requirements of the Noise Management Plan.</i>	Date Recorded:	Reference Number:
Name and address of complainant		
Telephone number of complainant		
Details of complaint		
Date, time and duration of noise		
Noise description e.g. hiss, hum, rumble, rattle, etc.		
Possible source e.g. machinery, vehicle, personnel.		
Continuous or intermittent and any other comments?		
Complainant visited?	Yes / No	
General weather conditions at time of problem		
Wind strength and direction (e.g. light, steady, strong, gusting)		
Any previous complaints relating to this noise?	Yes / No	
Any other relevant information.		
Potential noise sources that could give rise to the complaint.		
On-site activity at the time offending noise occurred.		
Suggested cause of complaint.		

<b>Follow up</b>			
Date and time complainant contacted			
Action taken			
Amendment required to the noise management plan?		Yes / No	
<b>Form completed by</b>		<b>Signed</b>	

## Noise Check Record Form

This record must be made daily. Tick to record that a noise check has been carried out. If any farm-related noise is detected, record the time of the test and the intensity of the noise. Implement checks on generator, feed systems and ventilation fans.

Month:					
Noise check carried out at		Noise detected Time:	Noise detected: Intensity (L/M/H)	Noise Detected: Follow-up actions	
Main Gate	East fence				
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