

# Noise Management Plan

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Thorngrove Farm

The operations at Thorngrove Farm Poultry Unit has the potential for noise production, prevailing wind is from the south west indicating the receptors located to the north east of the site would potentially be the highest at risk, the following plan has been prepared as part of the EPR permit application to prevent or minimise noise at Thorngrove Farm Poultry Unit. Thorngrove Farm Poultry Unit has given due consideration to noisy operations, siting and location are sited as far as practical to be screened by woodland and buildings.

Thorngrove Farm operations have sensitive receptors within 400m of the site boundary.  
The Table below gives location and direction of all sensitive receptors within 400m.

Receptor Name	Description	Distance	Orientation	National Grid Reference
Residential	Residential	309m	North east	382312,260268
Residential	Residential	85m	North	382207,260097
Residential	Residential	180m	North	382147,260203
Residential	Residential	222m	North	382172,260233
Residential	Residential	250m	North	382003,260271
Residential	Residential	257m	North	381972,260266
Residential	Residential	301m	North west	381892,260254
Residential	Residential	320m	North west	381854,260254
Residential	Residential	400m	North west	381766,260276
Residential	Residential	354m	West	381716,260058

Residential	Residential	353m	South west	381904,259376
Residential	Residential	360m	South west	381932,259351
Residential	Residential	367m	South west	381950,259332
Residential	Residential	383m	South west	381987,259298
Residential	Residential	388m	South west	381995,259292
Residential	Residential	190m	North east	382250,260155
Residential	Residential	318m	North	382047,260341
Residential	Residential	306m	North	382014,260321
Residential	Residential	284m	North	382040,260311
Residential	Residential	345m	North	382020,260360
Residential	Residential	346m	North	381970,260351

In the event of adverse noise being detected, site staff will be notified immediately, an investigation will be completed with actions taken to remedy the cause documented. Monitoring check repeated to ensure the effectiveness of actions.

## **Noise Management Plan**

The main possible noise sources/operations are listed below:

1. Ventilation Fans
2. Feed Deliveries
3. Feeding Systems
4. Fuel Deliveries
5. Alarms Systems
6. Bird Catching
7. Clean out Operations
8. Maintenance + Repairs
9. Set up and Placement
10. Standby Generator testing

A table listing these sources with measures to control/reduce noise emissions is listed below.  
In the event of a complaint a report would be filled in (example attached)

The measures given in Noise plan reference the Noise Assessment document completed as part of the H1 Assessment  
Other reference documents are the Emergency plan, Technical Standards and Routine Maintenance Schedule.

## Noise Management Plan

Potential Noise Problem	Minimisation Techniques	In Place Y/N	Completion Date
Noisy operations, delivery and collection points	Sited away from nearest receptors screened by buildings as far as practicable	Yes	
Ventilation Fans	Noise assessed during twice daily inspections Large capacity roof mounted fans, reducing number of fans required Fans operated on an intermittent programme Regular end of cycle maintenance by qualified electrician. See routine maintenance schedule Any noisy fans isolated and electrician notified	YES YES YES Yes Yes	
Feed Deliveries	Delivery lorries fitted with silencers Large capacity lorries to reduce no. of deliveries Road/track maintenance Delivery time restrictions (07.00 – 19.00 hrs) 10mph Speed limit on site Feed bins located to reduce movements/handling	Yes   Yes Yes	Continuous If required

	on site		
Feeding Systems	Daily inspections of bin stocks to prevent augers running empty Internal feeders checked twice daily to ensure correct operation Regular end of cycle maintenance by qualified electrician	YES YES	
Fuel Deliveries	Time restricted (07.00-19.00hrs)	If required	
Alarm Systems	Use of pagers or mobile phones	YES	
Wood chipping	Alternative chipper being used – less noisy Operations carried out on normal weekday 08.00 – 17.00hrs	YES	
Bird Catching	Catch teams fully trained and advised of need to keep noise to a minimum ie no shouting or playing of loud music. Crates to be placed carefully on concrete yard prior to house entry Lorries scheduled to minimise duration of catch Doors operated for entry and exit of forklift Lorries parked as close as possible to doors to	YES YES YES  YES YES	

	reduce forklift travel Screen curtains fitted to lorries		
Clean out operations	Litter removal during normal working hours (07.00-19.00 hrs) Trailers parked as close as possible to doors to reduce loader travel Large trailers used to reduce traffic Washing done during normal working hours 08.00hrs - 19.00hrs	YES YES YES YES	
Vehicles	All vehicles properly maintained No engines left idling on site On site speed restriction 10mph	Yes Yes Yes	
Maintenance/Repair	During normal working hours (07.00-1900 hrs) excepting emergencies/breakdown Routine end of cycle servicing	YES YES	
Set up/Placement	Normal working hours 08.00hrs - 19.00hrs	YES	
Standby Generator	Test run during normal working hours 08.00hrs - 12.00hrs on Mondays Housed in an acoustic building/jacket	YES Yes	

Signed

Date

Review Date

**Complaints Procedure**

In the event of any noise complaint, the cause would be investigated, and actions taken listed in the noise/contingency plans to cease the release. Area officer would be notified immediately, a review of the NMP conducted at the earliest opportunity with any changes communicated to Area officer for approval. A complaints report would be filled out and retained on site. Complainant will be contacted following an investigation and advised of progress/remedial actions taken.

Both Noise Management Plan and Monitoring Procedure will be reviewed following a substantiated noise complaint or annually.

**Noise Complaint Form**

Installation to which complaint relates	Date received	Reference number
Name and Address of Caller		
Telephone Number		
Location of caller to Installation		

Time and Date of complaint	
Date/Time and Duration of Noise	
Callers description of Noise	
Other comments from caller	
Weather conditions	
Wind direction/Speed	
Any previous complaints relating to this noise	
Any other comments	
Other information	
Potential source of noise	
Operations being carried out at time of complaint	
Follow up. Date/Time caller Contacted	
Action Taken:	



Amendments required to plan			
<b>Completed By:</b>		<b>Signed:</b>	

Noise management Plan Version 2 November 2018