

Noise Management Plan

JD Ayre & Partners

Long Meadow

The Free-Range Layers at Long Meadow are housed within the poultry houses where levels of noise would be at their highest concentration. As the birds range the intensity of Noise is reduced considerably as the birds spread out over the range area having the capability of occupying 4 meters' square per bird. This then reduces the risk of Noise intensity to receptors close to the site boundary as the majority of birds would be unlikely to range more than 75-100m from the housing. Receptors have been listed below.

Long Meadow

Long Meadow operations have sensitive receptors within 400m of the site range boundary. The site has no history of substantiated noise complaints.

The table below gives location and direction of sensitive receptors within 400m of the site range boundary.

Receptor Name	Description	Distance	Orientation	National Grid Reference
Dwelling	Residence	381m	North	289065,100487
Dwelling	Residence	351m	North	289069,100458
Dwelling	Residence	327m	North	289045,100430

Dwelling	Residence	346m	North	288955,100428
Dwelling	Residence	316m	North	289082,100426
Dwelling	Residence	299m	North	289085,100409
Dwelling	Residence	289m	North	289086,100398
Dwelling	Residence	273m	North	289085,100382
Dwelling	Residence	191m	North	289088,100300
Dwelling	Residence	211m	North	289138,100319
Dwelling	Residence	166m	East	289293,100091
Dwelling	Residence	102m	East	289265,100016
Dwelling	Residence	103m	East	289279, 99971
Dwelling	Residence	206m	East	289357,100025
Dwelling	Residence	275m	South	288765, 99510
Dwelling	Residence	320m	South	288789, 99472

Dwelling	Residence	361m	South	288781, 99425
Dwelling	Residence	348m	South	288741, 99422
Dwelling	Residence	298m	South	288598, 99425
Dwelling	Residence	326m	South	288607, 99399
Dwelling	Residence	102m	South	288497, 99612
Dwelling	Residence	118m	South	288507, 99587
Dwelling	Residence	105m	West	288334, 99717
Dwelling	Residence	157m	West	288301, 99662
Dwelling	Residence	242m	West	288199, 99700

A walk around assessment will be conducted to establish possible sources of noise emissions, and consideration given to different operations occurring during the whole of the production cycle.

Noise Management Plan

The main possible noise sources/operations are listed below:

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

11. 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
Ventilation Fans	Noise assessed during twice daily inspections (07.00-10.00 hrs and 16.00-19.00 hrs)	YES	
	Large capacity fans, reducing number of fans required	YES	
	Fans operated on an intermittent programme	YES	
	Regular end of cycle maintenance by qualified electrician. See routine maintenance schedule	YES	
	Any noisy fans isolated and electrician notified	YES	

	See Inspection and maintenance schedule/Technical standards See site plan		
Feed Deliveries	Delivery lorries fitted with silencers Large capacity lorries to reduce no. of deliveries/collections Road/track maintenance Time restricted if required (07.00-19.00hrs)	YES YES	continuous
Feeding Systems	Daily inspections of bin stocks to prevent augers running empty (07.00-10.00 hrs and 16.00-19.00 hrs) Internal feeders checked twice daily to ensure correct operation (07.00-10.00 hrs and 16.00-19.00 hrs) Regular end of cycle maintenance by qualified electrician. See Inspection and maintenance schedule/Technical standards	YES YES	
Fuel Deliveries	Time restricted if required (07.00-19.00hrs)		
Alarm Systems	Use of pagers or mobile phones	YES	

Bird Catching	<p>Catch teams fully trained and advised of need to keep noise to a minimum ie. no shouting or playing of loud music.</p> <p>Crates to be handled carefully prior to house entry</p> <p>Lorries scheduled to minimise duration of catch</p> <p>Doors operated for entry and exit of forklift</p> <p>Lorries parked as close as possible to doors to reduce forklift travel</p> <p>Screen curtains fitted to lorries</p> <p>See Inspection and maintenance schedule/Technical standards/Key responsibilities</p>	<p>YES</p> <p>YES</p> <p>YES</p> <p>YES</p> <p>YES</p>	
Clean out operations	<p>Litter removal during normal working hours (07.00-19.00 hrs)</p> <p>Trailers parked as close as possible to doors to reduce loader travel</p> <p>Large trailers used to reduce traffic</p> <p>Washing done during normal working hours 07.00hrs - 19.00hrs. See Inspection and maintenance schedule/Technical standards/Key responsibilities</p>	<p>YES</p> <p>YES</p> <p>YES</p> <p>YES</p>	

Maintenance/Repair	During normal working hours (07.00-19.00 hrs) excepting emergencies/breakdown Routine end of cycle servicing. See Inspection and maintenance schedule/Technical standards/Key responsibilities	YES YES	
Set up/Placement	Normal working hours 07.00hrs - 19.00hrs. See Inspection and maintenance schedule/Technical standards/Key responsibilities	YES	
Standby Generators	Test run during normal working hours 07.00hrs - 19.00hrs. See Inspection and maintenance schedule/Technical standards/Key responsibilities See site plan	YES	

Signed

Date

Review Date

Noise management plan to be reviewed annually or following a complaint or any changes to operations.

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	

Completed By:		Signed:	

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