

NOISE MANAGEMENT PLAN – Bardney Daries

Introduction

This Noise Management Plan (NMP) has been prepared to support the overall Environmental Management System (EMS) in place at Bardney Daries Poultry farm. The overriding principle of this NMP is to ensure the day-to-day activities are carried out in accordance with this document to help minimise the overall environmental impact. This NMP has been prepared as Best Practice using the Environmental Risk Assessment.

Pathways and Receptors

The pathway for any potential noise sources would be via the atmosphere, with the most sensitive receptors being inhabitants of nearby residential dwellings, the wind direction will significantly influence how receptors are affected prevailing wind direction is from the Southwest. Where practical noisy activities will be restricted to daytime hours.

Fen Drayton Poultry Unit – Sensitive Receptor Locator

Sensitive Receptors within 400m of the site are:

Point	Grid Reference	Postcode	Address	Direction	Distance
A	TF 14159 71766	LN8 5JN	Forest Lodge	North	394m
B	TF 14546 70906	LN10 5EA	Industrial	South	355m



Noise Management and Control Measures

Noise Related Issue	Potential Risk and Problems	Actions taken to prevent and minimise risk
Perceptible noise from ventilation fans during conditions of low background noise.	Fans are well checked at the end of each production cycle to reduce mechanical noise and maintain efficiency. If any issues are observed then these will be addressed as soon as reasonably practical.	Current Practice
Noise from feed deliveries and feed mixing.	Request the use of modern well silenced vehicles. As far as practical we will avoid feed deliveries at anti-social hours e.g. late evening/night time/early morning. No feed mixing on site	Current Practice
Feed augers	Feed augers transferring feed from the silo to the house are checked to ensure that feed is being delivered to the pans	Current Practice
Noise from large vehicles delivering to site	Vehicles will be required to be driven onto and off site with due consideration for neighbours. Deliveries of feed and fuel will be made only during the daytime so that disturbance is minimised. Catching of birds may have to take place at night, but all vehicles will be maintained so as to minimise engine noise and will be driven slowly to and from the site. Vehicles are restricted to 10mph on-site	Current Practice
Noise from auxiliary generator engine.	Where the generator is located inside a building. Ensure doors are kept closed when the engine is operating.	Current Practice
Mechanical noise from equipment.	Ensure all equipment is properly maintained, set and lubricated in accordance with the inspection and maintenance schedule.	Current Practice
Bird noise when catching.	Only trained handlers will fill crates with minimum disturbance to the birds. Schedule loading so that birds are quickly loaded on to lorries and removed from the site.	Current Practice

Noise from forklift and other vehicles when catching.	Keep forklift movements to a minimum. Request the use of modern well silenced vehicles. Ensure all equipment is maintained in good condition. Utilise large trailers to minimise traffic.	Current Practice
Noise during cleaning out.	Where possible operate the loader inside the sheds and load trailers close to doors. Ensure all equipment is maintained in good condition. Utilise large trailers to minimise traffic.	Current Practice
Noise from standby generator	Testing shall be limited to one hour per week. The generator is serviced every 6 months and an engineer is on standby for call outs if any issues arise	Current practice
Building works and repairs	These shall only be carried out during sociable hours and as far as practical no building maintenance work shall be conducted at the weekends.	Current Practice
Routine alarm testing	Only to be carried out on weekdays during daytime hours	Current Practice
On site staff	Staff shall be considerate to any neighbours and ensure that unnecessary noise is avoided	Current Practice

On Farm Monitoring and Continual Improvement

- Any abnormal noises should be investigated.
- Should a substantiated complaint be received then regular monitoring will occur. Frequency and location of the monitoring will be dependent on the nature of the complaint and receptor location.

Noise Complaints Procedures

Any noise complaints received in direct relation to the installation shall be recorded. Noise complaints shall be fully investigated and records available at future inspections. Complaints received directly from the public shall notify the Environment Agency (EA).

Investigations shall take into account...

- The activities taking place at the time of the complaint.
- The timing of the complaint.
- The weather conditions at the time of the complaint.
- Any non-routine operations on site.
- Any changes that may have been made to Standard Operating Procedures.
- The receptor and the impact that may have been caused.

Following all investigations into complaints, if the issue is caused by an operation at the site, a discussion will be had with the EA any agreed mitigation measures will be implemented to help minimise the impact.

Review

This NMP will be subject to review following any EA substantiated complaint or every year, whichever is sooner. Any changes to operations or infrastructure will also trigger a review.