Noise Management Plan

Farm name: The Poultry Site **Operator:** Wright Eggs Ltd **Permit number:** EPR/GP3921SL/P001

Date: October 2024 **Prepared by:** D Wright

Introduction

This bespoke Noise Management Plan has been prepared to support the overall Environmental Management System in place at The Poultry Site. The plan has been prepared in accordance with in accordance with Appendix 5 of guidance IPPC Technical Guidance Note (publishing.service.gov.uk) and Noise and vibration management: environmental permits - GOV.UK (www.gov.uk). The overriding principle of this plan is to ensure the day-to-day activities are carried out in accordance with this document to help minimise the overall environmental impact. There are six sensitive receptors identified in the 400m buffer zone of the installation boundary. The nearest sensitive receptors are within 300m. All relevant properties are owned and resided in by third parties. Table 2 list each receptor, the distance from the installation to the nearest point of the domestic curtilage and their orientation from the installation.

The prevailing wind direction is from the West. There are residences in the area surrounding the site of the existing and proposed poultry houses at Poplar Farm. The closest residence to the existing poultry house is at Limes Farm, which is approximately 350 m to the east-north-east. To the south, there are further residences along Hagnaby Lane, the closest being Willoughby House, which is approximately 350 m to the south-south-east and there are residences at Holly Lodge, which is approximately 475 m to the south-east and Hagnaby Cottage, which is approximately 620 m to the west, of the proposed poultry house. There are further residences and farmsteads in the countryside around the existing and proposed poultry houses at Poplar Farm.

Tree planting to the North, East and South of the poultry sheds provide a buffer to the nearest sensitive receptors to potential sources of noise.

There is no history of complaints regarding odour, noise or other emissions.

Setting

Figure 1 shows the location of the sheds and of the receptors which have been considered in this management plan.

The installation is located at National grid Reference TF 35425 61475

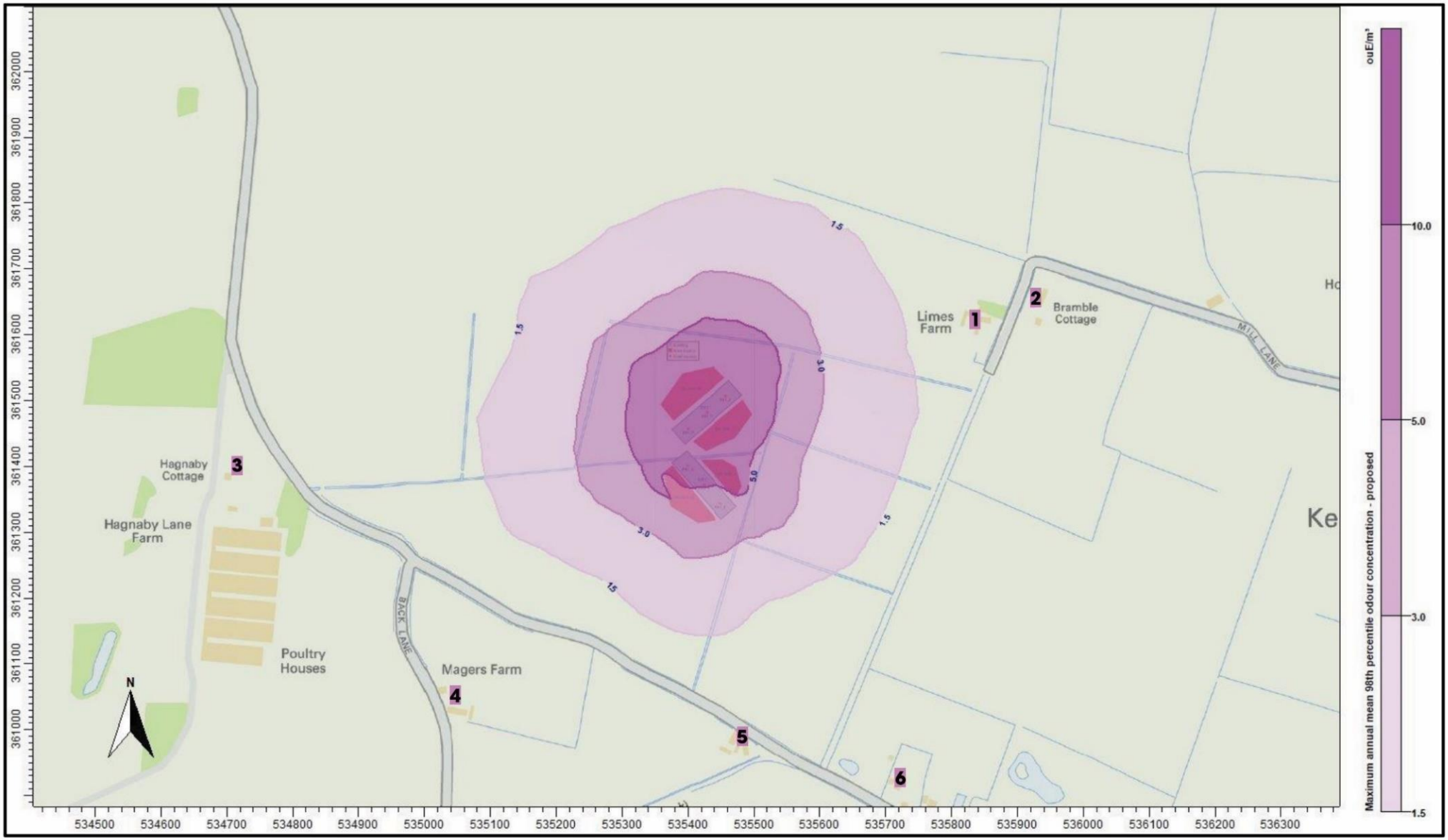

Table 1 – Sensitive Receptor Locations – National grid References

Gird Reference	x(Eastings)	Y(Northings)	Latitude	Longitude	Description	Address	Postcode
TF 35836 61621	535836	361621	53.13443	0.028985395	1	Limes Farm, Mill Lane, Keal Cotes,	PE23 4AJ
TF 35926 61652	535926	361652	53.134698	0.03030342899	2	Bramble Cottage, Mill Lane, Keal Cotes	PE23 4AJ
TF 34715 61400	534715	361400	53.132741	0.012147561	3	Hagnaby Cottage, Back Lane, Keal Cotes	PE23 4BU
TF 35046 61051	535046	361051	53.129523	0.016944860	4	Magers Farm	
TF 35481 60987	535481	360987	53.128837	0.023414935	5	Willoughby House	
TF 35720 60925	535720	360925	53.128220	0.026958319	6	Holly Lodge	

Table 2 – Distance of Sensitive Receptor from Installation Boundary to nearest point of domestic curtilage

Grid Reference	Address	Description	Orientation from installation	Distance (m) to nearest point of domestic curtilage
TF 35836 61621	Limes Farm, Mill Lane, Keal Cotes,	1	NE	350m
TF 35926 61652	Bramble Cottage, Mill Lane, Keal Cotes	2	NE	450m
TF 34715 61400	Hagnaby Cottage, Back Lane, Keal Cotes	3	W	600m
TF 35046 61051	Magers Farm	4	S	475m
TF 35481 60987	Willoughby House	5	S	350m
TF 35720 60925	Holly Lodge	6	SE	475m

The purpose of this Noise Management Plan is to:

- Establish the likely source of noises arising from the farm
- Set out procedures at the farm in order to mitigate or minimise the risk of noise
- Formalise an effective method of dealing with any noise complaints quickly and efficiently.

This plan will be reviewed in the light of any building and management changes, and on the outcome of investigations into the cause of any future noise complaints, if any occur.

Any noise complaints will be recorded and investigated using the Noise Complaint Report Form contained within Technical Guidance Note IPPC SRG 6.02 (Farming) Noise Management at Intensive Livestock Installations. See copy in Appendix 1 of this document.

Potential sources of noise

No. ref	Noise Problem	Actions taken to prevent or minimise noise	Completion Date
1	Feeding Poultry	Sealed building and sealed feed systems. Low noise, well maintained equipment. Ad-lib system, so no spikes in noise and poultry activity due to feeding times.	In place.
2	Feed delivery	Blower and vacuum type delivery vehicles fitted with low noise units.	In place
3	Feed preparation	No milling and mixing operations carried out on site. All bought-in feed.	In place
4	Poultry moving	No movements between sheds. Free access by poultry to range areas during daylight hours. Birds handled gently and quietly where necessary to reduce stress on animals and likelihood of noise from the birds.	In place
5	Poultry loading, in and out	Few movements as possible. Short duration. Aim to minimise animal stress. All-in-all-out batch system means that loading in and out is not on a continuous basis through the year.	In place
6	Bedding buildings	Fully littered floor and litter is kept loose and friable. Loader used for transport, engine revs kept low, effective silencer. Mainly during working day, limited at weekends/bank holidays.	In place
7	Mucking out and clean out	Working within sealed buildings to remove muck, blow down surfaces and fans and to wash and disinfect. Mainly during working day, limited at weekends/bank holidays. Clean out occurs within sealed buildings between the hours of 08:00 and 16:00.	In place
8	Wash water tanker filling and emptying	Tanker filling only when necessary and appropriate. All equipment regularly serviced and operated to current standards and optimum efficiency.	In place
9	Litter loading/transport and spreading	Manure belt runs quietly and receives regular maintenace to ensure that remains the case. Operation of the manure belt is typically within the hours of 08:00 to 16:00.	In place

		All equipment regularly serviced and operated to current standards. Litter is not stored at the installation so litter is exported from the installation to local agricultural land.	
11	Delivery of supplies and materials	Typically small deliveries during normal working hours by arrangement. Low perceived impact.	In place
12	Ventilation	Fans well maintained and cleaned at every turnaround. Tree planting provides a buffer to the North, East and South of the poultry sheds. Ventilation fans are checked daily to identify noise problems. If a problem is identified it would be reported to the operators and the internal maintenance team would be instructed to rectify the problem within 24 hours.	N/A
13	Vehicles operating within installation boundary	Operations mainly carried out during normal working hours. Vehicles maintained in accordance with manufacturer's recommendations, and defective silencers replaced. Audible reversing signals required for safety purposes. Yards and drives maintained to repair holes.	In place
14	Alarms	All sheds are connected to an alarm system which rings given telephone numbers alerting any possible problem to the designated person without delay. There is also an audible alarm on site. Alarm testing is very short duration once per week and during sociable hours. In the event of the alarm sounding due to an emergency/ system failure, it would be shut off with minimal delay. The combination of audible alarm and phone call system ensures the problem is alerted to all relevant personnel and can be dealt with swiftly.	In place
15	Generator	The generator is located towards the back of the poultry sheds, which themselves provide a barrier. Tree planting on the same side of the buildings, buffers the noise emissions from reaching receptors to the East. During noise monitoring, when the generator has been used, you can not hear the sound from the entrance to the site, which is nearer than the closest sensitive receptors.	In place

Noise monitoring

Noise monitoring is required by BAT Conclusion 9 if there are sensitive receptors located within 400 metres of the installation boundary. Noise levels are assessed by operators or their staff at the boundaries of the installation nearest sensitive receptors, as and when there is potential for elevated noise levels. The frequency of monitoring would be increased in the event that a complaint was received.

Summary

We have always worked hard to minimise our impact on our closest receptors and as a result have not had any complaints about noise in relation to this installation. We continually assess management techniques to improve our control of noise pollution.

This plan will be reviewed at least **annually** and in the light of any building and management changes, and on the outcome of investigations into the causes of any future substantiated complaints, if any occur.

Any noise complaints will be reported to the operators who will log and investigate causes of all complaints; identifying the source of the noise issue and monitoring noise levels at the site boundary as part of the investigation. The complaint details and subsequent investigation will be recorded on the site complaint form and a copy will be kept in the site office.

Typical form for the recording of a noise complaint

Noise Complaint Report Form		
Installation to which complaint relates:	**Date recorded:**	**Reference number:**

Name and address of caller:	
Tel no. of caller:	
Location of caller in relation to installation:	
Time and date of complaint:	
Date, time and duration of offending noise:	
Caller's description of noise (e.g., hiss, hum, rumble, continuous, intermittent, vehicle noise, machinery):	
Has the caller any other comments about the offending noise?	
Weather conditions (e.g. dry, rain, fog, snow):	
Wind strength and direction (e.g. light, steady, strong, gusting) or use Beaufort scale (see Table 2.1):	
Any other previous complaints relating to this 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. deliveries, feeding, use of machinery etc:	
Follow-up Date and time caller contacted:	
Action taken:	
Amendment requirement to noise management plan:	

Form completed by:		Signed:	