

Project No: 315735

Odour Management Plan

Prepared for:

Shoby Poultry Partnership

Lodge Farm
Old Dalby
Melton Mowbray
Leicestershire
LE14 3NB

Contents Amendment Record

This report has been issued and amended as follows:

Revision	Description	Date	Author	Reviewer	Approver
1.0	Final Issue	10/10/24	RM	KB	KB



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Section 1.0: Introduction

1.1 The Site

The site is located at Shoby Poultry, Fosseyway 775, Thrussington, Melton Mowbray, LE7 4TG (the Site).

1.2 Guidance

The Odour Management Plan has been undertaken following the guidance in SGN EPR6.09 'How to Comply with your environmental permit for intensive farming – Appendix 4 – Odour management at intensive livestock installations', January 2010 version 2.

The plan has been prepared as part of the EPR permit application because there are sensitive receptors within 400m of the installation.

Table 2.1 sets out:

- The likely sources of odour arising from the poultry unit; and
- The procedures followed or planned at the Site in order to prevent or minimise odour levels.

An odour management plan is required where there are sensitive receptors within 400m of the Site.

1.3 Sensitive Receptors

The following receptors are present within 400m of the Site boundary, as shown Table 1.1 and Appendix A.

Table 1.1 Sensitive receptors within 400m of the Site

Receptor	Location	Distance from boundary (m)	Grid Reference		Direction from the Site
			x	y	
SR1 - Dwelling (farmers own)	799 Fosse Way, Thrussington, Leicestershire	Adjacent to Site boundary	463765	318641	NE
SR2 - Dwelling	Off A46, Thrussington, Leicestershire	395m	463864	319028	N

1.4 Odour Management Plan

The Odour Management Plan is shown in Table 2.1.

This plan will be reviewed every 4 years from the permit issue date or after any complaint, for complaints procedure please see Section 3.0: Complaints.

Section 2.0: Odour Management Plan

Table 2.1 Typical sources and actions taken to minimise odours

Odour Related Issue	Potential Risks	Mitigation Action	Completion Date
Animal feed	<ul style="list-style-type: none"> The use of poor quality and odorous ingredients. Feeds which are 'unbalanced' in nutrients, leading to increased excretion and litter moisture and emissions of ammonia and other odorous compounds to air. 	<ul style="list-style-type: none"> Feed sourced from UFAS accredited mills and diet formulated by poultry nutritionist Diet reduces in protein and phosphorus content during lifecycle. 	In place
Feed delivery, milling, preparation and storage	<ul style="list-style-type: none"> Milling and mixing of compound feeds. Spillage of feed during delivery and storage. Creating of dust during feed delivery. 	<ul style="list-style-type: none"> Feed stored in closed silos adjacent to the houses. No feed milling or mixing on site. Good housekeeping: <ul style="list-style-type: none"> - Accumulation of waste feed is avoided - Any spillage of feed is immediately cleared up - Condition of feed silos checked frequently for any damage or leaks. Feed deliveries monitored to avoid dust and spills. 	In place
Carcas disposal	<ul style="list-style-type: none"> Inadequate storage of carcasses on site. 	<ul style="list-style-type: none"> Carcasses are placed in sealed containers immediately after they are removed from the house. 	In place
Ventilation and humidity	<ul style="list-style-type: none"> Inadequate air movement in houses, leading to higher humidity and wetter litter. 	<ul style="list-style-type: none"> The houses are ventilated for requirements of the birds and keep humidity levels between 55-50%. Ventilation in the houses to prevent high humidity and wetter litter. 	In place
Spent litter management	<ul style="list-style-type: none"> Odours arising from wet spent litter. Spillage of water from drinking systems. Disease outbreaks, leading to wetter spent litter. 	<ul style="list-style-type: none"> Controls on feed and ventilation to maintain spent litter quality. Use of nipple drinking systems which minimise spillage. 	In place

Odour Related Issue	Potential Risks	Mitigation Action	Completion Date
		<ul style="list-style-type: none"> • Stocking density at optimal levels. • Insulated houses to prevent condensation. 	
House clean out	<ul style="list-style-type: none"> • Creation of dust and odours associated with spent litter removal from houses. • Use of odorous products to clean houses. 	<ul style="list-style-type: none"> • Litter is carefully placed into trailers positioned at the entrance to each house. Trailer covered with dust sheets. • Only approved and suitable products are used. 	In place
Spent litter storage	<ul style="list-style-type: none"> • Storage of litter on site. • Transport of spent litter and applications to land. 	<ul style="list-style-type: none"> • There is no storage of spent litter on site. • Spent litter is transported in covered trailers. • Agreement with manure collected by third parties is disposed land in accordance with Codes of Good Agricultural Practice. 	In place
Dirty water management	<ul style="list-style-type: none"> • Standing dirty water during the production cycle or at clean out. • Application of dirty water to land. 	<ul style="list-style-type: none"> • Entrance to the houses are hard standing and remain clean during the production cycle. • At clean out, dirty water is directed into underground tank for storage. This is then collected by third party contractor. Dirty water is not applied to land. • Drains and concrete areas are regularly cleared and maintained. 	In place
Fire (emergency)	<ul style="list-style-type: none"> • Combustion of buildings. • Bird mortalities and disposal. 	<ul style="list-style-type: none"> • Regular inspection and maintenance of equipment. • Monitoring system and alarms in place. • Staff training undertaken. 	In place

Section 3.0: Complaints




Should any odour complaints be received from any source, including the above identified sensitive receptors, the Odour Complaint Form, shown in Appendix B will be completed.

All complaints should be recorded, and causes identified. Appropriate remedial action will be taken in a timely manner with a record kept of actions taken including of any additional measures put in-place to avoid reoccurrence.

Appendix A: Sensitive Receptors within 400m



Legend:

-  Permit boundary
-  Sensitive receptors
-  400m buffer

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Client:

Shoby Poultry Partnership

Site: Fosseway 775, Thrusington

Drawing title: Sensitive Receptor Plan 400m

Date: 8 / 10 / 2024	Scale: 1:3,550	Paper size: A3 (420x297mm)	
Drawn by: RM	Checked by: KB	Status: Final	Final revision: -
Drawing Ref: CE-FW-2414-DWG08		Drawing No: DRAWING 08	

Appendix B: Odour Complaints Procedure Form

Odour Complaint Report Form	
<i>Complete this form in as much detail as possible, in accordance with the requirements of the Odour Management Plan.</i>	Date Recorded: Reference Number:
Name and address of complainant	
Telephone number of complainant	
Details of Complaint	
Date, time and duration of offending odour	
Odour description e.g. comparison with other odours, strong/weak, continuous, fluctuating	
Any other comments from complainant	
Weather conditions (e.g. dry, rain, fog, snow)	
Wind strength and direction (e.g. light, steady, strong, gusting) or use Beaufort scale	
Any previous complaints relating to this odour?	Yes / No
Any other relevant information	
Potential odour sources that could give rise to the complaint	
Operating conditions at the time offending odour occurred e.g. removing spent litter, clean out	
Follow up	
Date and time complainant contacted	
Action taken	
Amendment required to the odour management plan?	Yes / No
Form completed by:	Signed: