



NOISE AND VIBRATION

DEVELOPMENT: IPPC PERMIT APPLICATION FOR THE HOUSING OF 260,000 BROILERS

LOCATION: Dunnimere Farm
Portway Lane
Harlaston
Near Tamworth
Staffordshire
B79 9LA

CLIENT: Dunnimere Poultry Ltd

Roger Parry & Partners LLP Carmarthen
C/O The Estates Office, 20 Salop Road, Oswestry, Shropshire, SY11 2NU
Tel: 01691655334 Fax: 01691 657798
Email: gail@rogerparry.net

Also at: 11 Severn Street, Welshpool, Powys, SY21 7AG
Tel: 01938 554499 Fax: 01938 554462
email: welshpool@rogerparry.net

Also at: Hogstow Hall, Minsterley, Shrewsbury, SY5 0HZ
Tel: 01743 791336 Fax: 01743 792770
email: mail@rogerparry.net

A total of twenty locations where people may be present were identified within a 500 metre radius of the site. The locations are detailed below. A 400 metre zone around intensive livestock developments is the generally accepted threshold for nuisance complaints relating to airborne emissions, the Health Protection Agency position statement relating to Intensive Farming states that the intensive livestock farming extensions subject to regulation under the Pollution Prevention Control Regulation (now amended by the Environmental Permitting Regulations) may need to produce an odour management and also noise management plan if there are local communities within 400 metres of the site boundary. This suggests that beyond this zone nuisance from noise and odour is not an issue. To prevent the worst case scenario the sensitive receptors within 500 metres of the Dunnimere Farm Broiler Unit are listed below;

NAME	EASTING	NORTHING	Distance from unit to residential curtilage (m)
Dunnimere Farm Cottage 1	421207	309799	275.80
Dunnimere Farm Cottage 2	421207	309799	355.11
Portway Farm	421200	309318	448.03
Portway House	421265	309353	369.93
Ponderosa	421150	309301	499.80
The Farmhouse	421861	309425	452.92
Council Property 1	421365	310150	440.67
Council Property 2	421364	310144	430.91
Council Property 3	421312	310016	331.59
Council Property 4	421308	310010	328.14
Council Property 5	421304	310000	321.13
Council Property 6	421303	309994	317.48
The Corn Barn	421898	309391	461.62
The Swallows	421916	309426	475.19
The Dutch Barn	421926	309412	470.72
The Forge	421930	309390	498.87

Hazard	Receptor	Pathway	Risk Management	Exposure	Consequence	Overall Risk
Noise Issues from large vehicles travelling to and from farm Mobile source	Neighbouring dwelling houses within 400m of installation	Air	Measures as described in SGN EPR6.09 (Farming) Noise Management at Intensive Livestock Installations. All vehicles are required to be driven onto and offsite with due consideration for neighbours. Timed delivery restrictions can be implemented (07.00 and 20.00hrs) to minimise disturbance. Bird catching frequently occurring during night time (reduced bird stress) All vehicles regularly maintained to minimise engine noise. Roadways are free from potholes and maintained in good order. Route selection made with due consideration to nearby neighbours.	Unlikely	Noise annoyance	Not significant if managed carefully.
Large vehicles delivering/collecting from site, litter removal, removal of dirty water	Neighbouring dwelling houses within 400m of installation	Air	Measures as described in SGN EPR6.09 Vehicles well maintained and driven slowly on site. Engines not left idling. Audible reversing warnings mostly during daylight hours, excepting during night catching. Dirty water and litter removal during daylight hours.	Unlikely	Noise annoyance	Not significant
Small vehicle movements Mobile Source	Neighbouring dwelling houses within 400m of installation	Air	Measures as described in SGN EPR6.09 Vehicles driven slowly on site for night catching. Low risk for other small vehicle movements during daylight hours.	Unlikely	Noise annoyance	Not significant
Feed transfer from lorry to bins Fixed Source	Neighbouring dwelling houses within 400m of installation	Air	Vehicles well maintained and designed to minimise noise during transfer.	Unlikely	Noise annoyance	Not significant
Ventilation Fans Fixed Source	Neighbouring dwelling houses within 400m of installation	Air	Efficient extraction fans matched to size and population within house. Regularly maintained.	Unlikely	Noise annoyance	Not significant
Alarm System/Standby Generator	Neighbouring dwelling houses	Air	System tested weekly (Mondays mid-morning to reduce disturbance)	Unlikely	Noise annoyance	Not significant

Fixed Source	within 400m of installation		Specialist maintenance contract in operation. Frequent electrical servicing.			
Chickens Mobile Source	Neighbouring dwelling houses within 400m of installation	Air	Low risk. Noise during catching minimised by careful bird handling by trained catchers. Prompt departure of loaded lorries.	Unlikely	Noise annoyance	Not significant
Personnel Mobile Source	Neighbouring dwelling houses within 400m of installation	Air	Staff and contractors required to carry out their respective duties without creating excessive noise.	Unlikely	Noise annoyance	Not significant
Repairs and Servicing	Neighbouring dwelling houses within 400m of installation	Air	Repairs required are carried out with due regard for possible noise nuisance and unless exceptional are carried out during normal working hours along with routine servicing.	Unlikely	Noise annoyance	Not significant

NOISE COMPLAINT FORM DUNNIMERE FARM

REFERENCE NUMBER

DATE RECEIVED

Name and address of the caller	
Telephone number	
Location of caller to installation	
Time and date of complaint of offending noise	

Has the caller any other comments about the 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 that could give rise to the complaint	
Operations being carried out at time of complaint	
Follow up date and time caller contacted	
Action Taken	
Amendments required to the plan	

--	--

Completed By

Dated

Signed