



## **NOISE AND VIBRATION**

**DEVELOPMENT:** FREE RANGE POULTRY UNIT HOUSING 80,000 BIRDS

**LOCATION:** Pwllpridd, Lledrod, Aberystwyth, Ceredigion, SY23 4HZ

**CLIENT:** Mr Endaf Jenkins

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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 Fixed Source	Neighbouring dwelling houses within 400m of installation	Air	System tested weekly (Mondays mid-morning to reduce disturbance) Specialist maintenance contract in operation.	Unlikely	Noise annoyance	Not significant

			Frequent electrical servicing.			
Chickens Mobile Source	Neighbouring dwelling houses within 400m of installation	Air	Low risk during laying period. 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