

REF: NMP

Noise Management Plan & Risk Assessment

Introduction

This plan has been prepared as part of the EPR permit application as there is one sensitive receptor (neighbouring dwelling houses) within 400 metres of the Restarigg and Parsons Field Instillations.



The purpose of this plan is to:

Establish the likely sources of noise arising from a typical free range laying unit

Set out procedures followed at Restarigg Farm and Parsons Field to in order to prevent or minimise noise levels

Restarigg Farm Operations

The current operations involve two free range egg laying buildings housing three laying flocks.

Laying Shed 1 is a deck based system operating a 15 month laying cycle. The shed is cleaned out as required and at depletion, washed and disinfected ready for the new flock. Birds have access to a foraging/ shading area during daylight hours. All litter is contained within the building until clean out. The litter is removed off site by a contractor for spreading off land. Wash water and dirty water is directed to an underground tank.

Laying Shed 2 houses flocks 2 and 3 and was completed in 2018. The operating sis nearing completion and will operate an aviary system. Manures will be removed from the shed by conveyor daily to a trailer. The trailer will be emptied twice weekly by contractor to be spread on land >4 miles from the site. The system will again be a 15 month cycle with clean out waters directed to an underground tank.

Lightly contaminated waters are directed to a soakaway. Feed is delivered in Bulk lorries and blown into purpose build feed bins.

Description of the sensitivity of the site to determine the impact of noise.

Restarigg Farm instillation is located north of Kirkby Lonsdale Road, Carnforth. The instillation is accessed directly off the highway (B6254) with buildings sett approximately 150metres from the road. The natural land form slopes down to the north with the two laying sheds and ancillary buildings on a level site. The land rises to the east and north forming a natural basin setting.

There is one sensitive receptor, a fishing and holiday lodge development to the south east. This development is located on the south of the B6254 where the aspect is to the south.

Prevailing wind is from the southwest

Risk Assessment

Noise Related Issue	Potential Risks & Problems	Actions taken to minimise or prevent noise at Restarigg Farm	Receptor	Consequence	Probability of Exposure	Risk
Large vehicles travelling to and from the farm	Engine noise	<ul style="list-style-type: none"> • All vehicles are required to be driven onto and off the site with due consideration for neighbours • Deliveries of feed and fuel are made only during the hours of 0700hours to 1800hours to minimise disturbance • Catching birds at depletion is during daylight hours. • Contractor tractors are driven responsibly and with low revs to minimise noise 	Neighbouring property (Red Well Fisheries)	Unacceptable noise level	Unlikely	Insignificant if managed properly
Vehicles on site: Delivering feed Catching of birds at depletion Removal of used litter in Laying Shed 1	Engine noise from tractors, lorries and loading machinery	<ul style="list-style-type: none"> • Vehicles are well maintained and driven responsibly and with low revs around site • Engines to be switched off when not in use • No operations are carried out during 	Neighbouring property (Red Well Fisheries)	Unacceptable noise level	Unlikely	Insignificant if managed properly

Removal of dirty water From underground tanks		<ul style="list-style-type: none"> night time periods No operations at weekends 				
Feed transfer from lorry to bins	Blowing feed to bulk bins – engine noise	<ul style="list-style-type: none"> Deliveries are during day time periods. Delivery usually takes <20-30 mins). Vehicles are well maintained and are designed so that feed transfer noise is minimal. Road track maintenance. 	Neighbouring property (Red Well Fisheries)	Unacceptable noise level	Unlikely	Insignificant
Laying hens	Noise from laying hens	<ul style="list-style-type: none"> Laying birds are low risk in terms of noise. During depletion birds are caught within the building. 	Neighbouring property (Red Well Fisheries)	Unacceptable noise level	Unlikely	Insignificant
Operation of fans	Noise from ventilation fans	<ul style="list-style-type: none"> Efficient fans are used and are well maintained to minimise noise. Regular maintenance by qualified service technician (See maintenance schedule) 	Neighbouring property (Red Well Fisheries)	Unacceptable noise level	Unlikely	Insignificant
Stand-by generators		<ul style="list-style-type: none"> Generators are used only in back up scenarios. Units are well maintained to 	Neighbouring property (Red Well Fisheries)	Unacceptable noise level	Unlikely	Insignificant if managed properly

		ensure no excessive noise.				
Personnel	Shouting, radios,	<ul style="list-style-type: none"> The performance of laying birds is inhibited by noise. Staff and contractors are required as a matter of course to carry out work without creating excessive noise from shouting, use of radios etc. 	Neighbouring property (Red Well Fisheries)	Unacceptable noise level	Unlikely	Insignificant if managed properly
Repairs & Maintenance	Heavy machinery and equipment	<ul style="list-style-type: none"> Repairs and maintenance work is carried out with high regard for the need to control noise. If repairs or works are required where significant noise is likely neighbours will be notified in advance. 	Neighbouring property (Red Well Fisheries)	Unacceptable noise level	Unlikely	Insignificant if managed properly

Interaction and Engagement with Neighbours and Receptors

Complaints

The site manager or assistant manager will respond as rapidly as possible after any complaints to carry out effective appraisal of the complaint.

Proactive Engagement

The Operator has a proactive relationship with neighbours who are encouraged to report any issues. No noise related issues have ever been reported.

A list of neighbours is maintained in case there is any emergency event with off-site consequences.

Complaints Procedures

Complaints will be logged using the report template below:

Noise Complaint Form

Instillation	Date received	Log number/ref
Name and Address of Complainant		
Telephone Number		
Location of complainant to instillation		
Time and date		
Description of complaint		
Additional comments from complainant		
Weather conditions		
Wind direction (approximate strength)		
Previous complaints relating to this issue		
Other information		
Potential source of noise		
Operations taking place at time of complaint		

Follow up. Date/Time caller contacted	
Action Taken:	
Amendments required to plan	
Completed By:	Signed: