

## Noise Management Plan version 1

### Introduction

This plan has been prepared as part of the application for an EPR permit because there are sensitive receptors (neighbouring dwelling houses and commercial premises) within 400 metres of the installation (Barn Farm). Nearest is bungalow next to site for employees family, next two dwellings at Norfolk Wildlife Park and visitors to the Park within 200m, next at Windy Ridge & Walsis' Farm within 400m.

The purpose of this plan is to:-

- Establish likely sources of noise arising from a breeder chicken unit;
- Set out the procedures followed at Barn Farm in order to prevent or minimise noise levels.

### Noise sources and actions to minimise noise

| No | Typical sources of noise problems              | Actions taken at Barn Farm to prevent or minimise noise   | Completion date |
|----|--|---|-----------------|
| 1  | Large vehicles travelling to and from the farm | Measures are described in How to comply – Intensive Farming:- <ul style="list-style-type: none"><li>• Installed new concrete service road, minimising noise especially from empty vehicles. Located on the east side of the site farthest away from sensitive receptors, and with the poultry houses and farm buildings providing some acoustic barrier</li><li>• Most vehicles arriving and leaving at reasonable times in the daytime</li><li>• Drivers are made aware of driving slowly on and off the site and minimising noise</li><li>• Engines must be switched off when not in use</li><li>• Chicken collections at night time at the end of each cycle pose greatest risk, but normally limited to 2 consecutive nights every 13 weeks</li><li>• Maintaining a preventive maintenance programme &amp; record keeping for buildings and equipment including cracking or potholes in the site roadway.</li></ul> | In place        |

**Noise Management Plan version 1**

| No | Typical sources of noise problems  | Actions taken at Barn Farm to prevent or minimise noise   | Completion date |
|----|--|---|-----------------|
| 2  | Vehicles on site e.g. for:- <ul style="list-style-type: none"> <li>• Delivering LPG &amp; shavings/straw</li> <li>• Delivering chicks</li> <li>• Delivering feed</li> <li>• Collecting mature birds for slaughter</li> <li>• Removing used litter from houses</li> <li>• Removing carcasses</li> <li>• Removing dirty water</li> </ul> | Measures are described in How to comply – Intensive Farming:- <ul style="list-style-type: none"> <li>• Deliveries &amp; collections of feed, fuel, litter restricted to reasonable times in the normal working day</li> <li>• Vehicles must be well maintained and driven slowly around the site</li> <li>• Engines must be switched off when not in use</li> <li>• Vehicles fitted with audible ‘vehicle reversing’ warning system are generally used only in the daytime. The exception to this is during removal of birds when vehicles have to be used at night.</li> <li>• Complaints will be recorded and referred to the Site Manager for investigation and follow-up action. A record is kept of any remedial action to prevent or minimise the causes &amp; any changes to the Noise Management Plan.</li> </ul> | In place        |
| 3  | Feed transfer from lorry to bins<br>Noise from blowing feed into silos   | Measures are described in How to comply – Intensive Farming:- <ul style="list-style-type: none"> <li>• Silos located in between the poultry houses which are providing some acoustic barrier</li> <li>• Deliveries twice per week in the daytime, typically take less than an hour</li> </ul>   | In place        |
| 4  | Small vehicles travelling to and from the farm (eg. staff and visitors cars, courier van deliveries, etc)  | Measures are described in How to comply – Intensive Farming:- <ul style="list-style-type: none"> <li>• Normally working reasonable times 07.00-16.00</li> <li>• Most vehicles arriving and leaving in the daytime</li> <li>• Mot deliveries unloaded inside the transfer building</li> <li>• Employees, contractors and visitors are made aware to carry out any work without shouting, playing radios, or making unnecessary noise</li> </ul>  | In place        |

**Noise Management Plan version 1**

| No | Typical sources of noise problems  | Actions taken at Barn Farm to prevent or minimise noise  | Completion date |
|----|------------------------------------|--|-----------------|
| 5  | Ventilation fans day & night       | Measures are described in How to comply – Intensive Farming:- <ul style="list-style-type: none"> <li>• Installed efficient high-speed fans installed inside chimneys. Considered to be low noise relative to typical rural background noise</li> <li>• Maintaining a preventive maintenance programme &amp; record keeping for buildings and equipment including fans, according to the manufacturer’s instructions. Noisy, out of balance or worn fans are not efficient and will be replaced.</li> </ul> | In place        |
| 6  | Alarm system and standby generator | Measures are described in How to comply – Intensive Farming:- <ul style="list-style-type: none"> <li>• Installed package generator and used infrequently, low noise and surrounded by the farm buildings providing further acoustic barrier</li> <li>• Noise from alarms will not exceed levels required to alert persons working on the site</li> <li>• Weekly system test (required by law) will be carried out during the daytime of the normal working week.</li> </ul>                                | In place        |
| 7  | Chickens                           | Measures are described in How to comply – Intensive Farming:- <ul style="list-style-type: none"> <li>• Most vehicles arriving and leaving at reasonable times in the daytime<br/>During destocking bird noise will be minimised by careful handling and prompt removal of the lorry from the site when full.</li> </ul>  | In place        |
| 8  | Personnel                          | Measures are described in How to comply – Intensive Farming:- <ul style="list-style-type: none"> <li>• Employees, contractors and visitors are made aware to carry out any work without shouting, playing radios, or making unnecessary noise</li> </ul>   | In place        |

**Noise Management Plan version 1**

| No | Typical sources of noise problems | Actions taken at Barn Farm to prevent or minimise noise  | Completion date |
|----|-----------------------------------|--|-----------------|
| 9  | Repairs                           | Measures are described in How to comply – Intensive Farming:- <ul style="list-style-type: none"><li>• If repairs to the site are required, the work will be undertaken with due regard for possible noise nuisance and during the normal working day</li><li>• In event of major repair work being undertaken which is likely to cause significant noise and disruption, neighbouring residents will be notified in advance.</li></ul> | In place        |

Monitoring for emissions beyond the site boundary which maybe causing annoyance

A documented monitoring plan will be implemented and maintained in the farm’s environmental management system with training for the Farm Manager and employees. The plan will include responsibilities for the Farm Manager to ensure employees are checking for potential odour, noise or dust emissions beyond the site boundary which maybe causing annoyance to residents or businesses, checking wind speed, direction, outside temperature and record keeping.

Investigating complaints

The monitoring plan will include responsibilities for the Farm Manager for promptly investigating complaints where emissions are causing annoyance to neighbouring residents and businesses beyond the site boundary. Including responsibility for implementing indicative actions described in this management plan to stop or minimise the cause of annoyance, follow-up review with the complainants, making changes to the management plan following a review of its effectiveness and record keeping.

This plan must be reviewed every 4 years from the permit issue date or after any complaint.