**Appendix 6b: Dust and Bioaerosol Management Plan – Dale Farm**

Introduction

This plan has been prepared as part of the IPPC permit application because there are sensitive receptors within 100m of the installation which is our onsite caravan occupied by one of our employees. It is located 17m from the installation and the NGR is TA004658.

The purpose of the plan is to:

* Set out the procedures followed at Dale Farm in order to prevent or minimise dust and bioaerosol exposure
* Formalise the procedures for dealing with any dust complaint

The table on pages 2 and 3 of this document sets out the likely sources of noise and the procedures that must be followed to minimise dust levels.

Dust Complaint Procedures

* Any dust complaint received will be dealt with by Dale Farm
* If a complaint is made, the form will be completed and this will be available for inspection
* Information will normally be collected by visiting the complainant, although in some cases, contact may be made by telephone.
* After details of the complaint have been compiled, the cause (s) will be investigated, with reference to:
  + The activities taking place on the farm at the time
  + The timing of the complaint
  + The weather conditions
* The likely reasons for the complaint will be added to the form
* The feasibility of making changes to the activities responsible for the complaint will be considered. If changes are made, the Dust Management Plan will be amended accordingly.

Review Procedures

The plan shall be reviewed at least every three years or as soon as practicable after a complaint.

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| **Typical sources of dust** | **Potential Risk and Problems** | **Actions taken to minimise dust** | **Completion date** |
| Large vehicles travelling to and from the farm |  | All vehicles are required to be driven onto and off the site with due consideration  Deliveries of feed and fuel are usually made during daytime | In place |
| Large vehicles travelling on site |  | Vehicles have to be well maintained and must be driven slowly  Engines to be switched off when not in use  Vehicles which are fitted with an audible ‘vehicle reversing’ warning system are generally only used in daytime | In place |
| Small vehicles travelling to and from the farm | Vehicle may cause annoyance through dust | Small vehicles arrive during the normal working day thus low risk | In place |
| Feed transfer from lorry to bin | Vehicle and transfer of feed may cause annoyance through dust | Vehicles are well maintained and are designed so that dust during transfer is minimal  Sealed pipe delivery into poultry houses, into sealed feed hoppers in the shed. Then into a track feeding system on timed feeding preventing over feeding and spillage.  No mill and mixing takes part on site – all feed is made elsewhere through (currently) Nobel Feed mills.  Feed is delivered every 4 / 5 days. | In place |
| Operation of fans and roof inlets | Fans may cause annoyance through dust | Efficient extractor fans used, maintained in good condition to avoid excessive dust  Avoid dust build up in the roof inlets. | In place |
| Hens | Dust bathing | Hens love to dust bathe during the afternoon, this is a natural behaviour and cannot be stopped  Deep litter to be maintained – (constant work in progress)  Bedding / shavings delivered in bales and left for the hens to work themselves | In place |
| Personnel | Staff may generate dust | Staff and other contractors are required to carry out their work without creating excessive dust and during normal working hours | In place |
| Repairs | Routine repair work and maintenance may generate dust | If repairs to the site are required, the work is undertaken with due regard for possible dust nuisance  In the event of major repair work, neighbouring residents will be notified in advance | In place |
| Feed bins  Dale caravan | Dust from silos  Dust entering the caravan | A cyclone is fitted to catch any excess food and dust.  Always to be lived in by staff  The gable fans are located at the other end to the caravan, therefore causing no dust issues. | In place |
| Ventilation | Internal dust | Increase the amount of ventilation to clear dust from livestock and personnel | In place |
| Bedding | Bedding type  Bedding depth  Bedding application | Use of dust extracted shavings  Sufficient layer to absorb the moisture during our crop cycle.  A small amount of bedding added prior to bird arrival (minimum ventilation running) and any additional bedding added during the crop are in sealed plastic bales. | In place |
| Litter Management | Excessive dry litter | Viper controlled environment | All based around the “set” temperature – keeping a good balance between dust and odour production. |
| House Cleaning | Dust production during cleanout | Trailers are parked close to the doors and all litter is removed is tipped carefully into the trailers. Trailers are sheeted prior to leaving site. | In place |