

DUST/BIOAEROSOL MANAGEMENT PLAN

One sensitive receptor is within 100m of the boundary.

Receptor ID	Receptor Name	Distance from Boundary	Direction from Installation	NGR
1	Trafalgar Farm, Farm House	12m	North	SK91909612



The main possible dust/bioaerosol sources are listed below:

1. Feed delivery
2. Feeding systems
3. Bedding material
4. Litter management
5. Ventilation systems
6. Stock inspections/management
7. Cleaning operations
8. Bird numbers

The following table describes how these sources are controlled

Possible dust source	Process	Reduction technique	Completion date
Feed	Feed delivery to silos	All bulk deliveries in	In place

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	Feeding systems	sealed and covered trailers. Discharged directly into silos through sealed pipe work. Silo vent pipes covered with containment bags.	In place
	Feed spillage	Feed delivered to sheds via sealed auger system and dropped directly to feed pans inside.	In place
	Process	Any feed spillages cleared up and disposed of immediately.	Completion date
Feed	Feed type	All feed is pelleted and coated to prevent break up and dust production Some rations include a percentage of whole wheat..	In place
Bedding	Bedding type	Initial bedding is of dust extracted woodchip or wood shavings	In place
	Bedding application	Initial bedding spread by mini tractor and scraper, further bedding added by hand, using plastic wrapped bales. Bedding depths maintained to absorb moisture from birds.	In place
Litter	Litter management	Relative humidity and temperature controlled to maintain best litter	In place

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		conditions.	
Ventilation	Air exchange within rearing sheds	High Velocity Roof Fans (minimum height 5.5m) at an efflux velocity of 9m/s.	In place
Shed cleaning	Litter removal	All litter removed by mechanical handlers, placed directly onto trailers which are sheeted as soon as loaded Side doors remain closed during cleanout, all litter removed via end doors.	In place
Stock welfare	Husbandry practices	Husbandry work within sheds carried out in a quiet steady manner to reduce bird disturbance.	In place.

This plan will be reviewed every four years unless a problem occurs in the meantime.

Should dust emissions become an issue, further mitigation measures, such as screening will be investigated/implemented.