

DUST/BIOAEROSOL MANAGEMENT PLAN

There is one receptor within a 100m of the installation boundary.

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

Please see Environmental Risk Assessment (Dust & Bioaerosol Section)

Point	Grid Reference	Postcode	Address	Direction	Distance (m)
A	TG 16943 19009	NR10 4PU	Horizon House	W	96



The flowing table describes how these sources are controlled

Possible dust source	Process	Reduction technique	Completion date
Feed	Feed delivery to silos	All bulk deliveries in sealed and covered trailers. Discharged directly into silos through sealed pipe work. Silo vent pipes covered with containment bags.	In place
	Feeding systems	Feed delivered to sheds via sealed auger system and dropped directly to feed pans inside.	In place
	Feed spillage	Any feed spillages cleared up and disposed of immediately.	In place
	Process		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
Feed	Feed Silo	Feed bins are checked every 6 months. Where issues are found the feed bin will either be repaired or replaced.	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. The ventilation system is turned off during application to minimise dust.	In place
Litter	Litter management	Relative humidity and temperature controlled to maintain best litter conditions.	In place
Ventilation	Air exchange within rearing sheds	High Velocity Roof Fans (minimum height 5.5m) at an efflux velocity of 11m/s. As far as reasonably practical vents will be cleaned on turnaround.	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 or following a complaint or change in operation/infrastructure.
Should dust emissions become an issue, further mitigation measures, such as screening will be investigated/implemented.