

Dust/Bioaerosol Management Plan

Green Lane Farm

Green Lane Farm operations have sensitive receptors within the site boundary.

The table below list receptors within 100m.

Receptor Name	Description	Distance	Orientation	National Grid Reference
Staff dwelling	Residential	On site	Southwest	494827,458067

The main possible dust sources/operations are listed below:

1. Feed Deliveries
2. Feeding Systems
3. Bedding
4. Litter management
5. Stock inspections
6. Ventilation
7. Clean out Operations
8. Bird numbers

A table listing these sources with measures to control/reduce dust emissions is listed below.

Source	Method	Reduction Technique	Implementation
Feed	Feed delivery to Silos	Vents from silos covered to prevent release to atmosphere	In place
	Feed milling	No milling undertaken	N/A Continuous Continuous
	Feed Ingredients	Some use of maize within diets	Limited as not in operator control In place
	Feed delivery system	Sealed pipe delivery into poultry houses, feed piped down into hoppers minimising dust, chain feeding system on timed feeding preventing over feeding	Continuous to prevent dust or potential contamination of water course

	<p>Feed spillages</p> <p>Bins and delivery pipe work</p>	<p>Any feed spills cleared up immediately.</p> <p>Daily visual checks on integrity of bins and pipework, not to be used if a defect is found.</p>	
Bedding	Bedding Type	Use of dust extracted shavings	In place
	<p>Bedding depth</p> <p>Bedding application</p>	<p>Bedding layer will be either green sawdust which has high moisture content minimising dust or dust extracted shavings, not blown into poultry house. Shavings spread inside house with only minimum ventilation in operation to minimise dust release. Top up bales spread during cycle with light intensity reduced to prevent birds panicking minimising dust.</p>	<p>In place</p> <p>In place</p>

Litter Management	Excessive dry litter	Computer controlled environment	Relative humidity controlled between 55 and 65% keeping balance between dust and odour production
Stock inspections	Increased bird activity	Stock inspections by trained personnel	Light levels reduced to prevent birds panicking and reduced stress
Ventilation	Ventilation Type	Extraction fans	In place on all houses increasing dispersion
House Cleaning	Dust production during de littering/cleaning operations	Litter removed carefully during cleanout minimising dust. Full trailers sheeted before leaving installation. Houses and exhaust vents pre-soaked with low pressure hose to minimise dust release. Exhaust vents then high pressure hosed minimising any lightly contaminated water release onto roofs.	In place/continuous In place/continuous

Bird numbers	Stocking Density	Stocking rate determined by integrator	N/A
--------------	------------------	--	-----

Version 1 January 2026

Plan to be reviewed every year or following any changes to operations, or a substantiated complaint, with Area officer being notified of any changes for approval.