

**Dust Management Plan**  
**Southross Farm Poultry Unit**

Southross Farm Poultry operations have sensitive receptors within 100m of the site boundary.  
The table below lists receptors within 100m of the boundary

Receptor Name	Description	Distance	Orientation	National Grid Reference
Southross Farm	Operator Residence	89m	Northeast	472928,441679
Southross Farm	Operator Residence	39m	North	473011,441677

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.

<b>Source</b>	<b>Method</b>	<b>Reduction Technique</b>	<b>Implementation</b>
Feed	Feed delivery to Silos	Vents from silos covered to prevent release to atmosphere	In place
	Feed milling	No milling undertaken	N/A
	Feed Ingredients	Oil coating on pellet Some use of maize within diets	Limited as not in operator control In place
	Feed delivery system	Sealed pipe delivery into poultry houses, free fall of feed into hoppers	

	Feed spillages	minimised by covers on hoppers, pan feeding system on timed feeding preventing over feeding Any feed spills cleared up immediately.	Continuous to prevent dust or potential contamination of water course
Bedding	Bedding Type	Use of dust extracted shavings	In place
	Bedding depth  Bedding application	Sufficient layer to absorb moisture produced during crop cycle Base layer spread inside houses with minimum ventilation running, top up bedding in sealed plastic bales	In place  In place
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	Use roof extraction fans on houses 1 - 2	In place on all houses increasing dispersion/concentration
House Cleaning	Dust production during de littering/cleaning operations	No double handling of litter, trailers parked close to doors, litter tipped carefully into trailers, trailers sheeted prior to leaving site. Exhaust vents washed under low pressure during cleaning process to minimise both release of dust to atmosphere and escape of contaminated water	In place/continuous  In place/continuous
Bird numbers	Stocking Density	Stocking rate determined by integrator	N/A

**Plan completed April 2023**

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

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