

## Dust Management Plan

### Woodside Farm

Woodside Farm Site operations have sensitive receptors within 400m of the site boundary. The site has no history of substantiated Dust complaints.

The Table below gives location and direction of all sensitive receptors within 400m from site boundary.

Receptor Name	Description	Distance	Orientation	National Grid Reference
Hockerton Heights	Residences	283m	West	471601,356583
Church Lane	Residences	287m	West	471572,356472
Manor Farm	Residential	245m	West	471572,356391
Gables Farm	Residential	76m	Southwest	471746,356311
Cheverals	Residential	35m	South	472120,356089
Dwelling	Residential	28m	Southwest	471192,356206
Dwelling	Residential	391m	Southeast	472856,355788
Bungalow	Residential	207m	West	471723,356718
Willben House	Residential	234m	Northwest	471803,356864

Coachways	Residential	230m	North	472266,357547
Newfield Farm	Residential	360m	North	472283,357667
Dwelling	Residential	80m	West	471779,356466
Woodside Farm	Residential	54m	West	471841,356485
Woodside Farm	Residential	26m	West	471914,356456

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

	<p>Feed delivery system</p> <p>Feed spillages</p>	<p>Sealed pipe delivery into poultry houses, free fall of feed into hoppers minimised by covers on hoppers, chain feeding system on timed feeding preventing over feeding</p> <p>Any feed spills cleared up immediately.</p>	<p>Continuous to prevent dust or potential contamination of water course</p>
Bedding	Bedding Type	Use of dust extracted shavings	In place
	<p>Bedding depth</p> <p>Bedding application</p>	<p>Sufficient layer to absorb moisture produced during crop cycle</p> <p>Base layer spread inside houses with minimum ventilation running, top up bedding in sealed plastic bales</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	Use roof extraction fans on houses 1,3 & 4	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 September 2020**

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

Version 1 September 2020