

Dust Management Plan

White House Farm Poultry unit

White House Farm Poultry unit operations have sensitive receptors within 400m of the site boundary.

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 Feed Type	No milling undertaken Use of pelleted feed	N/A Continuous Continuous
	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 minimised with	Continuous to prevent dust or potential contamination of water course

	Feed spillages	telescopic pipes, pan feeding system on timed feeding preventing over feeding Any feed spills cleared up immediately.	
Bedding	Bedding Type	Use of dust extracted shavings	In place
	Bedding depth	Sufficient layer to absorb moisture produced during crop cycle	In place
	Bedding application	Base layer spread inside houses with minimum ventilation running, top up bedding in sealed plastic bales	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 of extraction fans on houses 1 - 6	In place on all houses
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. Care taken during cleaning process to minimise both release of dust to atmosphere and escape of contaminated water	In place/continuous
	Exhaust vents	Washed under low pressure hose to	In place/continuous

		minimise release of dust to air or water	
Bird numbers	Stocking Density	Stocking rate determined by integrator	N/A

Plan completed January 2019

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