



Introduction

A Dust & Bioaerosol Management Plan (DBMP) for dry and wet particulates has been prepared because there are sensitive receptors within 400 metres. Mostly located to the north east and west of Barn Farm – nearest is the Farm Manager’s family home, next three dwellings including Park Farm, Hawks Hill and Sparham Hill Cottage off Fakenham Road and a further dwelling to the south-east at Walsis’ Farm.

Sensitive receptors within 400 metres

Location	Distance from boundary Metres	Name	Receptor	Grid reference
A1067 Fakenham Road	~10	Farm Managers House	Dwelling	TG 08791 18874
A1067 Fakenham Road	~152	Park Farm	Dwelling	TG 08683 19045
A1067 Fakenham Road	~327	Hawks Hill	Dwelling	TG 08535 19150
A1067 Fakenham Road	~395	Sparham Hill Cottage	Dwelling	TG 08269 18795
A1067 Fakenham Road	~393	Walsis’ Farm	Dwelling	TG 08919 18254

Measured on MAGIC map applications

Wind direction is defined as the direction from which the wind is blowing. The Met Office wind rose for Coltishall shows that the prevailing wind direction locally is from the south-west. Blowing any dust and bio-aerosols away from the sensitive receptors most of the time including the farm manager’s house, Park Farm, Hawks Hill and Sparham Hill Cottage off Fakenham Road and Walsis’ Farm.

The following table sets out:-

- Likely sources of dust arising from a typical breeder chicken unit
- Procedures followed or planned at Barn Farm in order to prevent or minimise dust emissions causing annoyance.



Typical dust sources and actions taken to minimise dust emissions

Dust related issue	Potential risks and problems	Actions taken to minimise odour risks at Barn Farm	Completion date
Ventilation	Continuous emission of dust from feathers, skin particles, droppings, litter, etc via ventilation fans on to vegetation, cars and clothing.	Measures are described in How to comply – Intensive Farming:- <ul style="list-style-type: none"> • Installed high velocity fans on the roof in chimneys exhausting air faster and higher for better dispersal • Computer controlled ventilation & heating systems regularly adjusted to match age, weight and health requirements • Regularly clearing dust deposits from around vents to prevent build up. 	In place
Feed delivery	Dust from blowing in poultry meal via silo pipes on to vegetation, cars and clothing causing annoyance	Measures are described in How to comply – Intensive Farming:- <ul style="list-style-type: none"> • Installed package feed silos, pipes and augers • Installed package cyclone dust collectors so any feed dust is collected for use, reducing waste • Silos, dust collectors and pipes located to avoid collision damage • Deliveries monitored to avoid dust and spills • Any spillage is immediately cleared up • Maintaining regular inspection & maintenance programme & records for buildings & equipment, including silos and collectors. 	In place
New litter	Emission of dust via ventilation fans on to vegetation, cars and clothing.	Measures are described in How to comply – Intensive Farming:- <ul style="list-style-type: none"> • Chopped straw for bedding normally delivered in plastic wrapped bales rather than bulk • Applied internally rather than blowing in bulk which would be much dustier • New litter used for each batch, never reuse litter. 	In place



Dust related issue	Potential risks and problems	Actions taken to minimise odour risks at Barn Farm	Completion date
Litter removal	Emission of dust via ventilation fans and open doors on to vegetation, cars and clothing.	Measures are described in How to comply – Intensive Farming:- <ul style="list-style-type: none">• Generally considered to be dustiest activity• Normally limited to 2 consecutive days every 13 weeks when a pair of poultry houses have been destocked at the end of a cycle• Regularly clearing dust deposits from around vents to prevent build up• Litter carefully loaded directly into trailers positioned close to the entrance to each house• Litter tipped into trailers from minimal height• Trailers covered when full before leaving• No litter stored on site• No double handling.	In place



Monitoring for emissions which maybe causing annoyance beyond the site boundary

The DBMP including all of the actions to minimise dust and bio-aerosol risks at Barn Farm shall be implemented and maintained as part of the farm's written environmental management system. The Farm Manager is responsible for checking the actions continue to be in place and implemented by employees and contractors.

Complaints procedure

Should a complaint be raised with any farm it is the responsibility of the Facilities manager of that Facility to notify the Production team. This is one of either Dominic Smith, Senior Manager Production U.K. Adam Eastgate, Senior Regional Manager Production. Richard Weatherley, EMEA Production Director. Upon receiving the complaint an investigation will be conducted and findings of the complaint shared with the appropriate parties. Complaints must be investigated and findings recorded as soon as reasonably practical.

If the dust or bio-aerosol is still present, investigate how to reduce it or stop it immediately. If the dust or bio-aerosol is no longer present investigate ways to prevent reoccurrences or further limiting the amount of dust or bio-aerosols in the future. If the source of the complaint is not immediately apparent, investigate further to ensure the actions in the DBMP are in place and are continuing to be effectively implemented or make recommendations to the responsible person for changes to the DBMP following a complaint or a review of its effectiveness.

This plan must be reviewed every 4 years from the permit issue date or after any complaint.



1. Complaints should be passed on to the 'responsible person' on receipt.
2. Complaints should be logged on the sheet provided and kept in the Complaints Log in the site office.

Complaint No.	
Date of complaint	
Complaint details	
Complainant telephone number	
Details of complaint (date, time, nature of dust, bio-aerosol any other details)	
Complainant visited	
Weather conditions	
Wind direction	
On farm activities at the time of the complaint	
Suggested cause of complaint	
Complainant contacted with explanation Yes/No Date By whom	
Need for Dust & Bio-aerosol Management Plan review?	