

Dust Management Plan version 1

Introduction

This plan has been prepared as part of the application for an EPR permit because there are sensitive receptors (neighbouring dwelling houses and commercial premises) within 400 metres of the installation (Barn Farm). Nearest is bungalow next to site for employees family, next two dwellings at Norfolk Wildlife Park and visitors to the Park within 200m, next at Windy Ridge & Walsis' Farm within 400m. Met office climate report for Eastern England notes wind is from between south and north-west most of the time, blowing dust away from households, especially helpful in summer when people are more likely to have windows open and to be outside. Northerly winds in spring time most likely to carry dust towards nearest households.

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

Dust Management Plan version 1

Dust related issue	Potential risks and problems	Actions taken to minimise odour risks at Barn Farm	Completion date
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 Management Plan version 1

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

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

Monitoring for emissions beyond the site boundary which maybe causing annoyance

A documented monitoring plan will be implemented and maintained in the farm’s environmental management system with training for the Farm Manager and employees. The plan will include responsibilities for the Farm Manager to ensure employees are checking for potential odour, noise or dust emissions beyond the site boundary which maybe causing annoyance to residents or businesses, checking wind speed, direction, outside temperature and record keeping.

Investigating complaints

The monitoring plan will include responsibilities for the Farm Manager for promptly investigating complaints where emissions are causing annoyance to neighbouring residents and businesses beyond the site boundary. Including responsibility for implementing indicative

Permit reference EPR/NP3135JA, Cobb Europe Ltd, Barn Farm

Dust Management Plan version 1

actions described in this management plan to stop or minimise the cause of annoyance, follow-up review with the complainants, making changes to the management plan following a review of its effectiveness and record keeping.