



DUST AND BIOAEROSOL MANAGEMENT PLAN

DEVELOPMENT: IPPC NEW PERMIT – PULLET REARING UNIT AT BRYN Y PLENTYN FARM

LOCATION: Bryn y Plentyn Farm, Middleton
Oswestry
Shropshire
SY11 4LP

CLIENT: DA and LJ Woollam

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There are 4 properties within 100 metres of the development site for the pullet rearing unit at Bryn y Plentyn

NAME	EASTING	NORTHING	Distance from unit to residential curtilage (m)
Units 2 3 and 4, Bryn-Y-Plentyn,	332725	329212	76m
The Old House	332768	329186	85.5m
Unit 15, Bryn-Y-Plentyn,	332745	329221	96m
Cottage at Bryn-Y-Plentyn Farm	332774	329193	100m

Dust Management Plan Objectives

Dust can be a source of nuisance, odour and air pollution and may affect human health. It originates from bedding, feed and the animals themselves. This management plan highlights how dust control methods are being used on the installation.

The control of dust can be divided into two categories:

- control at source
- control at exhaust

Hazard	Receptor	Pathway	Risk Management	Exposure	Consequence	Overall Risk
To Air						
Dust: Sources: Feed.	Neighbouring dwelling houses within 100m of installation Surrounding Land and Vegetation	Air	Feed delivered in sealed systems. Dust socks fitted to silo exhaust pipes. Closed system delivery of feed from silo to poultry house. Feed spills dealt with promptly. Feed milling in open environment	Dust could have the potential to reach nearby neighbours and surrounding land during certain weather conditions.	Nuisance – dust on surrounding vegetation, cars and clothing. Smothering and direct damage to nearby vegetation.	Not significant if carefully managed.
Bedding	Neighbouring dwelling houses within 100m of installation Surrounding Land and Vegetation	Air	Use of suitable bedding materials, not blown into poultry house.	Dust could have the potential to reach nearby neighbours and surrounding land during certain weather conditions.	Nuisance – dust on surrounding vegetation, cars and clothing. Smothering and direct damage to nearby vegetation.	Not significant if carefully managed.
Litter System	Neighbouring dwelling houses within 100m of installation Surrounding Land and Vegetation	Air	Manure removal at the end of each crop cycle.	Dust could have the potential to reach nearby neighbours and surrounding land during certain weather conditions.	Nuisance – dust on surrounding vegetation, cars and clothing. Smothering and direct damage to nearby vegetation.	Not significant if carefully managed.
Ventilation	Neighbouring dwelling houses within 100m of installation Surrounding Land and Vegetation	Air	Use of roof extraction fans on all houses within the installation.	Dust could have the potential to reach nearby neighbours and surrounding land during certain weather conditions.	Nuisance – dust on surrounding vegetation, cars and clothing. Smothering and direct damage to nearby vegetation.	Not significant if carefully managed.

House Cleaning	Neighbouring dwelling houses within 100m of installation Surrounding Land and Vegetation	Air	Litter removed carefully during cleanout minimising dust. Full trailers sheeted before leaving installation.	Dust could have the potential to reach nearby neighbours and surrounding land during certain weather conditions.	Nuisance – dust on surrounding vegetation, cars and clothing. Smothering and direct damage to nearby vegetation.	Not significant if carefully managed.
Bird Numbers/Type	Neighbouring dwelling houses within 100m of installation Surrounding Land and Vegetation	Air	120,000 pullet rearing unit where birds are raised on-site up to 18 weeks of age. During this period, pullets maintain a lower body weight compared to fully grown free-range layers	Dust could have the potential to reach nearby neighbours and surrounding land during certain weather conditions.	Nuisance – dust on surrounding vegetation, cars and clothing. Smothering and direct damage to nearby vegetation.	Not significant

This has been checked against the IPPC Guidance Dust Management Plan Checklist