



# DUST AND BIOAEROSOL MANAGEMENT PLAN

**DEVELOPMENT:** Planning Application for extension to existing poultry unit to accommodate a further 32,000 birds.

**LOCATION:**

**Cwm Farm  
Aberhafesp  
Newtown  
Powys  
SY16 3JD**

**Prepared for M & JE Jones, DCE and MN Davies**

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Hazard	Receptor	Pathway	Risk Management	Exposure	Consequence	Overall Risk
<b>To Air</b>						
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.	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. No feed milling undertaken on site.
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	Belt removal at the end of the production 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. All trailers sheeted, when moving manure and manure only applied to land when nutrients required and weather conditions permit.
Ventilation	Neighbouring dwelling houses within 100m of installation	Air	Use of roof extraction fans on all houses within the installation.	Dust could have the potential to reach nearby neighbours and	Nuisance – dust on surrounding vegetation, cars and clothing. Smothering	Not significant if carefully managed.

	Surrounding Land and Vegetation			surrounding land during certain weather conditions.	and direct damage to nearby vegetation.	
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.
<b>Bird Numbers/Type</b>	Neighbouring dwelling houses within 100m of installation Surrounding Land and Vegetation	Air	An additional 32,000 birds. Total 64,000. Reduced time within poultry house reducing dust levels.	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