



DUST AND BIOAEROSOL MANAGEMENT PLAN

DEVELOPMENT: Erection of a Free Range Poultry Unit, 16,000 Birds

LOCATION: Land north of Glanmyddyfi
Pentrefelin
Llandeilo
Carmarthenshire

CLIENT: Mr Terry Davies

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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.	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	Removal of bedding at the end of each flock 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, manure removed at the end of the cycle and stored in a covered manure store. Only applied to the land when nutrients are 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 poultry unit.	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	Free Range laying unit 16,000 Birds.	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