



DUST AND BIOAEROSOL RISK ASSESSMENT AND MANAGEMENT PLAN

DEVELOPMENT: IPPC PERMIT VARIATION- EPR/KP3130HL/V005

LOCATION: Great Ness Poultry Farm
Rodefern Lane
Nesscliffe
Shrewsbury
Shropshire
SY4 1AT

CLIENT: Great Ness Poultry Limited

Roger Parry & Partners LLP
Mercian House, 9 Darwin Court, Oxon Business Park, Shrewsbury, SY3 5AL
Tel: 01691655334
Email: richard@rogerparry.net emily@rogerparry.net

Receptors within 100m of the Permitted site (including owned by operator/operator staff)

Property	Easting	Northing	Distance from Permitted Site
<i>Duckets Croft, Rodefern Lane, Montford Bridge, SHREWSBURY, SY4 1AT</i>	<i>340084</i>	<i>318634</i>	<i>66m</i>

This variation will not impact the management techniques of Dust & Bioaerosols.

RISK ASSESSMENT

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	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
Biomass Boilers	Neighbouring dwelling houses within 100m of installation Surrounding Land and Vegetation	Air	Wood is stored undercover to prevent wind blown dust and to keep dry. Maintain optimal combustion conditions to reduce incomplete burning and particulate formation.	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.

MANAGEMENT PLAN

DUST/BIOAEROSOL ISSUE	POTENTIAL RISKS	ACTIONS TAKEN TO REDUCE RISKS	COMPLETION DATE
Feed Delivery & Storage	Dust emissions during delivery and transfer	Feed delivered in sealed systems; Dust socks fitted to silo exhaust pipes; Closed system delivery from silo to poultry house; Spills dealt with promptly	In place
Bedding	Dust from bedding materials	Use suitable bedding materials, not blown into house	In place
Litter System	Dust during manure removal	Manure removed at end of each crop cycle	In place
Ventilation	Dust via air movement	Roof extraction fans fitted on all houses	In place
House Cleaning	Dust during cleanout	Litter removed carefully; Trailers sheeted before leaving	In place
Bird Numbers/Type	Increased dust from longer housing	Reduce time birds remain in house	In place
Biomass Boilers	Dust from woodchip storage and combustion	fuel stored undercover; Maintain optimal combustion conditions	In place

Dust & Bioaerosol COMPLAINT FORM FOR GREAT NESS POULTRY FARM

REFERENCE NUMBER

DATE RECEIVED

Name and address of the caller	
Telephone number	
Location of caller to installation	
Time and date of complaint of offending Dust & Bioaerosol	
Has the caller any other comments about the Dust & Bioaerosol ?	
Other comments from caller	
Weather conditions	

Wind direction/speed	
Any previous complaints relating to this Dust & Bioaerosol ?	
Any other comments	
Other information	
Potential source of Dust & Bioaerosol that could give rise to the complaint	
Operations being carried out at time of complaint	
Follow up date and time caller contacted	
Action Taken	

Amendments required to the plan	
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Completed By

Dated

Signed