Great Houndales Farm Dust Management Plan

Overview

In the planning of the construction of the site layout consideration has been given siting main operational activities away from the nearest receptor to the south of the site. Prevailing wind is from the southwest.

The following plan has been prepared as part of the EPR permit application.

The following tables highlight the likely sources of dust arising from rearing hens at Great Houndales Farm.

Actions and measures are listed that will prevent where possible or minimise dust emissions at Great Houndales Farm.

The Great Houndales Site Plan shows all material storage areas and potential dust emission sources.

Plan to be reviewed every year from permit issue date, prior to any major changes to operations (to ensure effectiveness) or following any complaint, any changes to DMP or other management plans to be documented dated and signed and Area Officer notified and any complaints are recorded on the Great Houndales Complaints Form including the remedial action taken.

Actions and preventative measures in DMP referenced from Bioaerosol Assessment Document and Fugitive Emissions Assessment in line with the H1 Risk Assessment, to be implemented in conjunction with the following key documents;

Great Houndales Environmental Risk Assessment

Great Houndales Technical Standards

Great Houndales Complaints Form

Key responsibility for the DMP and the referenced plans are the Operator or deputies who have been briefed on the requirements.

The table below lists receptors within 100m of the boundary

Receptor	Risk Type	Distance from Unit Perimeter	Direction from Unit	Grid Reference
Great Houndales Farmhouse (Owner Occupied)	Dust	75 Metres	South	TA 0459 4788

Dust Related Issue	Potential Risks and Problems	Actions taken to minimise dust risks at Smite Farm	Completion date
Feed delivery and storage	Release of dust when filling silos	Silo vents fitted with dust cyclones preventing dust release to atmosphere Any spillage of feed around the bin is immediately swept up. The condition of feed bins is checked frequently so that any damage or leaks can be identified. Feed deliveries are monitored to avoid dust and spills.	May 2026
Manufacture and selection of feed	Milling and mixing of compound feeds.	No on-site milling and mixing. Sealed system. Feed drops minimised and hoppers covered Feed specifications are prepared by the feed compounder's nutrition specialist. Feed is supplied only from our own UKAS accredited feed mill, so that only approved raw materials are used.	

Bedding selection/material	Potential dust release	Use of dust extracted hemp shavings spread inside each house, not blown in.	May 2026
Ventilation and heating Systems	Inadequate air movement in the house Extraction fans located close to sensitive receptors.	Use of high velocity vertical fans (> 7 m/s and >5.5 metres high) to aid dispersion, checked prior to cycle commencement by qualified electrician who will provide 24hr breakdown cover There is mature woodland screening between the unit and the receptor. The ventilation and heating system is regularly adjusted to match the age and requirements of the flock. Humidity recorded daily and maintained at a high level with an internal misting system keeping a balance of dry litter and avoiding dust production. Stock inspections carried out by trained staff to avoid panicking birds creating dust. Ventilation outlets cleaned between cycles using low pressure washing minimising dust release	May 2026

Litter management	Dust arising from litter (see above).	Controls on feed and ventilation (see above) help to maintain litter quality. Stocking levels at optimum to prevent overcrowding. Use of veterinarian bespoke health plan. Use of dust extracted hemp shavings.	May 2026
Running Muck Belts	Dust arising from running the Muck belts	The muck belts are run twice weekly to avoid build up of levels. The muck elevator is covered with a sheet that prevents the muck from blowing around when it drops into the high sided trailer.	May 2026
Carcase disposal	Inadequate storage of carcasses on site	Carcasses placed into plastic sealed bags, stored in sealed, shaded and vermin proof containers away from sensitive receptors.	May 2026
House clean out	Creation of dust associated with litter removal from houses	Houses sealed immediately following depletion of birds. Minimum ventilation employed during de-littering, houses sealed immediately following de-littering awaiting washing. Litter carefully placed into trailers positioned close to doors. Trailers sheeted before leaving fill position. Litter out carried out within 24 hours following destocking.	May 2026
Used litter	Transport of litter to third party.	All trailers sheeted before leaving fill position. Avoidance of double handling.	May 2026
Fugitive emissions	Leaks to doors, bin pipes, feed bins	Checks to feed storage and fill pipes as per routine maintenance schedule.	May 2026

Plan completed May 2025

Plan to be reviewed every year or following a substantiated complaint, or any changes to operations, with Area officer being notified of any changes for approval.

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