

ODOUR IMPACT STATEMENT

Proposed Seasonal Sheep Housing (Approx. 50 Ewes)

Land at Chipping, Lancashire

1. Introduction

This Odour Impact Statement has been prepared in support of a planning application for the construction of a seasonal sheep housing building at land in Chipping, Lancashire.

The proposed development comprises a naturally ventilated agricultural building used for housing approximately **50 sheep during the lambing period**. No slurry systems are proposed and manure will not be stored on site.

The purpose of this report is to:

- Identify potential odour sources
 - Assess potential effects on nearby receptors
 - Demonstrate that the proposal will not give rise to statutory nuisance
 - Confirm that impacts will be negligible
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2. Site Context



The site lies within open agricultural countryside characteristic of the Ribble Valley. Surrounding land uses comprise:

- Grazing pasture
- Agricultural holdings
- Hedgerow field boundaries
- Scattered rural dwellings

The nearest residential dwelling is located approximately **250 metres** from the proposed building.

The rural setting is one where agricultural activities form part of the established baseline character of the area.

3. Nature of the Proposed Use

The building will:

- House approximately **50 sheep**
- Be used **seasonally during lambing**
- Operate for a limited period annually
- Be naturally ventilated

Sheep will spend the majority of the year grazing outdoors.

Importantly:

- No slurry lagoons are proposed
 - No liquid waste systems are proposed
 - Manure will not be stored long-term on site
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4. Identification of Potential Odour Sources

4.1 Sheep Housing

Potential odour sources include:

- Bedding (straw)
- Accumulated manure during occupancy

- Disturbance during cleaning

Sheep manure is:

- Comparatively dry
- Low in ammonia relative to slurry-based livestock systems
- Typically low odour intensity

4.2 Manure Management

- Bedding and manure will be removed regularly
- No long-term stockpiling will occur on site
- Material will be removed for appropriate land application in accordance with good agricultural practice

Because no slurry storage or permanent manure heaps are proposed, odour generation is substantially reduced.

5. Odour Risk Assessment (IAQM Framework)

Assessment considers:

- Source magnitude
- Pathway
- Receptor sensitivity

5.1 Source Magnitude — Low

- Small flock size (approx. 50 sheep)
- Seasonal operation only
- Dry bedding system
- No slurry storage

Sheep enterprises of this scale are widely recognised as low odour intensity agricultural uses.

5.2 Pathway — Low Risk

- 250m separation distance to nearest dwelling
- Open rural setting allows dispersion
- Naturally ventilated structure
- No topographical enclosure

At 250m, odour concentration will be substantially diluted through atmospheric dispersion.

5.3 Receptor Sensitivity — Medium (Rural Residential)

While residential properties are sensitive receptors, they are located within a rural agricultural setting where livestock presence forms part of the established environment.

6. Overall Risk Conclusion

Based on:

- Small scale (50 sheep)
- Seasonal occupancy
- No slurry systems
- No manure storage
- 250m separation distance
- Open countryside dispersion

The overall odour risk is assessed as:

Very Low

The proposal is highly unlikely to give rise to:

- Significant adverse odour effects
 - Loss of residential amenity
 - Statutory nuisance under the Environmental Protection Act 1990
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7. Good Agricultural Practice Measures

Although risk is minimal, the following management measures will be implemented:

- Regular removal of soiled bedding
- Maintenance of dry straw conditions
- Avoidance of overstocking
- Timely removal of manure from site
- Cleaning of building following lambing period

These measures represent standard good agricultural practice.

8. Planning Context

The proposal represents:

- A traditional small-scale agricultural activity
- Ancillary development supporting livestock husbandry
- A use entirely consistent with the rural character of Chipping

Given the modest scale and seasonal nature of the use, the development is not comparable to intensive livestock installations.

9. Conclusion

The proposed seasonal housing of approximately 50 sheep:

- Is a low-intensity agricultural activity
- Will operate for limited periods annually
- Benefits from a substantial 250m separation distance
- Does not include slurry or on-site manure storage

It is therefore concluded that the development will not result in significant odour impacts and is unlikely to give rise to statutory nuisance.

The proposal is acceptable in odour and amenity terms.