

SUPPORTING DOCUMENTS TO VARY AN EXISTING ENVIRONMENTAL PERMIT

**Bardney Daries Poultry Unit
Market Rasen
Lincolnshire
LN8 5JN**

Permit Number: GP3431MC

Grid Reference: TF 13983 71205

May 2026

APPLICATION FOR A VARIATION TO AN EXSTING ENVIRONMENTAL PERMIT

A 5c Details of Directors

Separate Document

A App 1 Directors Dates of Birth

Separate Document

C2. 2b introductory note, summary of application

On form C3.5

C2.3d Summary of Management Systems

This is included as part of this document.

Site Plans

C2.5a Appendix 1 Site Layout / Housing and Drainage plans, Location plans

Separate Document

Non-Technical Summary

C2.5c Appendix 2 Non -Technical Summary

Separate Document

Environmental Risk Assessment

C2.6 Appendix 4 Environmental Risk Assessment

Separate Document

C3.5 2

Pre application advice

Pre-application screening information / assessment – this is included as a separate document.

This is included as an Appendix to this document. Further detail to support the reduction of ammonia and mass balance approach are provided in the Ammonia dispersion modelling report.

C2 2b SUMMARY OF VARIATION

The purpose of this application is as follows

Bardney is currently permitted for 482,900 broilers across 24 Houses that have side extraction ventilation.

This pre application is to assess an increase in numbers to 672,800 broilers across 16 houses with high velocity roof ventilation (11 m/s).

24 original houses will be demolish and replaced with 16 new.

- *There will be Gable End fans in all houses that are only to be used during extreme outside temperatures.*
- *Heat exchangers will be installed on all 16 houses*

C3.3c Types and amounts of raw materials

(TYPES AND AMOUNTS OF RAW MATERIALS)

(Note that this information is provided as a 'supporting document' because the electronic form does not accept units other than tonnes).

Schedule1 Activity	Material	Maximum amount	Annual throughput	Description
Poultry	Biocides	120ltr	840ltr	Disinfectants
Poultry	Pesticides	None stored	45kg rodenticide 20 litres insecticide	Rodenticides / Insecticides
Poultry	Veterinary medicines	434,000 doses (approx.)	3,038,000 doses (approx.)	Vaccines
Poultry	Bedding	24 tonnes (approx.)	168 tonnes	Straw / Shavings
Poultry	Biomass (wood pellet)	n/a	n/a	n/a
Poultry	Fuel & oil	3,000 litres / site	Variable	Diesel
Poultry	Fuel & oil	24 tonne (approx)	Variable	LPG

All types and amounts of raw materials used are base on maximum bird numbers and total productive space available.

C3.6a ENERGY EFFICIENCY

The following energy sources will be used.

Energy source	Use
Electricity	Lighting, ventilation, computer control systems, feed augers, water pumps
LPG Gas	Primary fuel supply for heaters
Diesel	Standby generator

Key energy efficiency measures which are planned are set out below and additional energy-saving technologies are under consideration.

Electricity

- The ventilation fans will be appropriate in terms of power and size and will use the latest technologies to ensure high levels of air movement relative to energy use.
- Computerised systems will control the ventilation for maximum efficiency; ensuring air change requirements and fan use are precisely matched.
- The fans will be regularly maintained and designed for ease of cleaning.
- Low energy lighting will be used in the houses, control areas and in other parts of the site.

- Light hours will be set according to the requirements of the flock, ensuring a minimum of six hours darkness per day.

Heating

- The correct environment for the birds will be maintained in the houses through the use of energy-efficient LPG gas heaters.
- Heating will be equally distributed through each house to prevent cold spots and maintain a consistent temperature throughout the houses.
- Each house will be monitored by a computer system, which will automatically control and record the temperature.
- Control sensors will be checked regularly and kept clean so they are able to detect the temperature at the stock level.
- Ventilation rates will be carefully controlled and adjusted to minimise heat losses from the houses.
- All houses will be new and will be maintained in good condition. Walls and roofs will be fully insulated to reduce condensation and heat loss. Each house has a damp proof course.
- The houses will be constructed, equipped and maintained to ensure that litter is kept dry and friable, hence reducing the need to provide heat in order to keep the litter dry.
- Each house will be equipped with a heat exchanger

Diesel

- The standby generator will be regularly maintained in accordance with the manufacturers' instructions to ensure that it operates efficiently.

Energy Consumption

The use of all-new buildings which are fully insulated and constructed to use new technologies (as outlined elsewhere) in order to be more energy efficient. Energy consumption will be monitored and deviations from expected consumption levels will be investigated.

Climate Change Levy Agreement

The facility will continue to operate under a Climate Change Levy agreement.

JUSTIFICATION FOR THE USE OF RAW MATERIALS

All raw materials used have to be compliant with the requirements of customers and with the Assured Chicken Production Scheme. The use of potable water is essential. The choice and quantity of litter materials is based on its ability to maintain friability throughout the production cycle. Medications are used only as required and in consultation with a veterinary specialist. All disinfectants used must be DEFRA approved and all feed used must be UFAS approved.

AVOIDANCE OF WASTE

Waste will be disposed of in accordance with the Waste Hierarchy with emphasis put on with waste generation. Where waste is generated, it will be managed and disposed of in accordance with relevant legislation.

TECHNICAL ABILITY

The day-to-day running of the farm is the responsibility of a skilled and experienced site manager who is trained to NVQ Level 3 standard. The manager is responsible for ensuring that any other workers, including visitors and contractors working on the site comply with management standards.

In particular, the site manager will attend regular training sessions and records will be maintained by the company.

The site manager receives on-going instruction and guidance from a supervisor on specific issues affecting the site. This supervisor would normally visit the site on at least a weekly basis, would assess the overall condition of the site and the standards maintained and discuss any problems.

C2.3d SUMMARY OF ENVIRONMENT MANAGEMENT SYSTEM

An environment management system will be in place at the farm to cover the following:

Normal operations

- Daily records kept on all aspects of the farm's operation including: water consumption, feed consumption and deliveries, bird mortalities, house temperature.
- Daily inspections around the site by staff to ensure that all plant is operating correctly.

Maintenance schedule and records

- A programme of planned preventative maintenance will be carried out on all plant equipment including ventilation fans, feed and water systems. Inspections and maintenance schedules will be based on manufacturer's recommendations where appropriate.
- The on-site generators will be tested weekly to ensure that it is working properly.
- The buildings and equipment on site will be regularly inspected and checked for visual signs of leakage, corrosion and structural damage, security and correct operation.
- A record of all faults, maintenance work and inspections will be kept on site.

Incidents and abnormal operations

- Measures will be in place to identify incidents and abnormal operations. Personnel are experienced in detecting abnormal operation, investigating causes and getting back to normal operation, ensuring that the problem does not re-occur.

Complaints system

- Any complaints will be recorded, together with any investigations and any follow up action which is carried out.
- A site identification notice will be provided.

Accidents

- The site will have an accident management plan which will include site specific details and all employees must sign the document to verify they have read and understood the content.
- Events or failures that could have an adverse impact upon the environment have been identified using the H1 risk assessment.

Training

- The site will be operated by trained and experienced staff, familiar with all aspects of the site activities. Back-up will be provided from within the company as needed.
- All members of staff will be familiar with the accident management plan and with the requirements of the environmental permit and pollution prevention.
- Contractors working on the site will have defined roles.
- A record will be kept of any training courses attended.

Site Security

- It is intended that a perimeter fence will be constructed around the site boundary.
- All houses will be securely locked at night.

Housing for Chicken Production

- Housing design and management in accordance with the Sector Guidance Note (SGN) EPR6.09.
- Damp proof course, fully insulated to reduce condensation and heat loss in the new houses.
- Ventilation rates will vary automatically, according to the age, temperature requirements and the health and welfare needs of the birds.
- All houses will have non-leaking nipple drinking systems.
- Litter will be kept friable. The quality will be regularly inspected to ensure it does not become excessively wet or dry. Steps as described in the SGN6.09 will be taken to rectify any changes to the quality of the litter.
- Temperature inside the houses will meet the health and welfare needs of the birds.
- The bird area of the houses will be accessed via a control room which will prevent draughts and is consistent with good bio-security.

Feed storage

- The delivery of feed into the bins and from the bins to the birds will be via enclosed conveyor systems.
- Feed selection and use will be in accordance with the SGN EPR6.09. Protein and phosphorus levels will be reduced as the flocks get older.

Dirty water storage

- Dirty water tanks will collect wash water from each house during the clean-out process (see drainage plan for location).

General Management

- In accordance with the management system at the farm, the buildings will be regularly inspected and maintained. The floors and walls of the houses will be kept clean.
- The site will be regularly inspected and well maintained.

Livestock Numbers and Movements

- A system will be in place to record the number of animal places and animal movements.
- These records will be available for inspection.

Off-site spreading of litter and dirty water

- Used litter will not be stored at the installation. It will be exported by a third party company for use on land for agricultural benefit or power generation.
- Dirty water will be taken off-site by a third party company and applied to land in accordance with the Code of Good Agricultural Practice.
- Records will be kept of the quantities and the disposal location. Contingency arrangements will be in place if the normal litter disposal route is unavailable.

Emissions and Monitoring

Emission points are set out in the Table below (note that there are no emissions to any watercourses).

Emission point description (see location on site layout or drainage plan)	Source
Air	
HV Roof Ventilation	Houses 1 - 16
Gable End Fans	Houses 1 - 16
Exhaust on generator	Generators (see housing plan for location)
Vent on fuel storage tank	Generators (see housing plan for location)
Vents on LPG tanks	LPG tanks (see housing plan for location)
Water	
Roof / service yard water collection	Site drainage point (see housing and drainage plan point D1)

Fugitive Emissions

- Appropriate measures for preventing and minimising fugitive emissions will be in place.
- Buildings will be maintained in good repair. Areas around buildings will be kept free from a build-up of spilt feed etc.
- Foot dips will be managed so that they do not overflow. Spent liquid will be added to the wash water holding tank.
- Drainage from cleaning out will be collected in a suitability size facility (see drainage plan for reference). Drainage from containment areas use for loading is also collected in this way, so that clean drainage systems are not contaminated.

Dust

- Feed will be stored in purpose-built covered feed silos located next to the poultry houses.
- No milling or mixing of feed will take place at the farm. All feed will be delivered to the farm by lorry from feed suppliers. Feed will be blown directly from the lorry into the storage silos and then piped from the silos into the houses, so minimising dust emissions.

- Ventilation systems will be operated to achieve optimum humidity levels for the stage of production, in all weather and seasonal conditions.
- Control of minimum ventilation rates will avoid a build-up of moisture in the houses. Ventilation will be appropriate to the age and weight of the birds.
- The houses will be managed to maintain litter in the most dry and friable condition possible. Dust will be controlled, through the management of litter and air quality.
- Used litter will not be stored on the site.

Carcass management

- Fallen stock will be disposed of in accordance with the Animal By-Products Regulations.
- Carcasses will be collected from each house on a daily basis. They will be held in storage prior to off-site disposal.

Flies

- Appropriate actions will be taken to prevent and control flies, should a nuisance arise.

Bunding and containment

Storage of fuels and chemicals

- Integrally banded diesel tanks will provide fuel for the generators; the tanks will be regularly inspected.
- There will be 18 purpose-built 2 tonne tanks per site for the storage of LPG.
- Chemicals will be banded and stored in a locked facility.

Feedstuffs

- All compound feed will be stored in enclosed, purpose-built feed bins.
- Barriers will be fitted to protect vulnerable feed bins from collision damage

Odour

In accordance with the SGN EPR6.09 and the H1 assessment, an Odour Management Plan is currently in place for the site.

Noise

In accordance with the SGN EPR6.09 and the H1 assessment, a Noise Management Plan is currently in place for the site.

COMPANY MANAGEMENT SYSTEMS

The company has developed its own management systems. Systems have been drawn up to incorporate current legislation, relevant sections of Codes of Recommendations and Best Practice (from Government and other bodies), compliance with the Assured Chicken Production (ACP) scheme and any additional requirements of customers.

Key requirements are set out in writing and the farm manager is required to keep appropriate records to confirm that standards are maintained. A record is kept of any unusual incidents and of any maintenance / repair work which is needed to improve the operation of the site.

SITE CLOSURE PLAN

This plan indicates how buildings, infrastructure, and any remaining used litter and wastes will be dealt with when the site is closed or decommissioned.

This will be used in conjunction with a record of any pollution incidents, such as spillage of oil, leaking stores etc, which have occurred during the operation of the permitted site, together with the steps taken to remedy that pollution at the time. This will help to establish whether the site is in a satisfactory state when poultry production ceases and the EPR Permit is surrendered.

The closure plan will be carried out as follows:-

Buildings, stores and facilities which are to remain in place, will be cleaned thoroughly internally and externally to avoid any potential risk of pollution. If these buildings, stores or facilities are to continue in use for activities for which the EPR Permit is no longer required, a suitable programme of works and timescale for completion will be agreed in writing with the Environment Agency to achieve the best environmental outcome and to minimise waste.

Wastes, including unused chemicals and fuels will be disposed of in accordance with the relevant legislation.

The dirty water tanks will be emptied, with the contents being taken off-site.

Where possible, any unused livestock feed will be collected and fed to suitable livestock elsewhere. Spoilt and surplus feedstuffs, and feedstuffs that cannot be recovered by feeding to stock, will be disposed of in accordance with prevailing legislation and Government Codes of Practice.

Infrastructure dedicated to the livestock named in the permit will be taken out of use if no immediate further use is required for it on the site with all buildings will be cleaned and secured while their use is no longer required.

If the installation is no longer required the buildings and infrastructures will be removed and the land returned to a green field state,

This plan will be maintained on site, updated as circumstances change and will be reviewed every 4 year

