



TECHNICAL STANDARDS

DEVELOPMENT: **IPPC New PERMIT– PULLET REARING
UNIT AT BRYN Y PLENTYN FARM**

LOCATION: **Bryn y Plentyn Farm,
Middleton,
Oswestry,
Shropshire,
SY11 4LP**

CLIENT: **DA and LJ Woollam**

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OPERATIONS

The operation of the farm will be in accordance with SGN EPR6.09 'How to comply with your environmental permit for intensive farming'.

FEED

Selection and use of feed is in accordance with SGN EPR6.09 'How to comply with your environmental permit for intensive farming'.

HOUSING

Housing design and management is in accordance with SGN EPR6.09 'How to comply with your environmental permit for intensive farming'.

The housing is well insulated and the sheds have a damp proof course.

The sheds are fully insulated with a U-value of approximately 0.4 W/m²/°C to reduce condensation and heat loss.

The houses at Bryn y Plentyn Farm are detailed below;

HOUSE 1 – 120,000 Pullets in a Multi-Tier Unit.

The sheds are fan ventilated with an aviary housing system.

Litter removed at the end of each production cycle and removed off site.

House is equipped with non-leaking drinking systems.

Steps as described in SGN EPR6.09 'How to comply with your environmental permit for intensive farming' will be taken to rectify any changes to the quality of the litter.

Temperature in the sheds meets the health and welfare needs for the age and the number of birds.

The sheds are accessed via the control room, which prevents drafts.

A computer automatically controls ventilation so that temperature is maintained for the age of the birds. For inlets, the house will have 3 gable end fans and inlets on the side of the houses to with an additional 10 extractor fans on the roof of the building. The fans are fitted with back draft shutters to prevent drafts and unnecessary heat loss.

The ventilation management system controls the ventilation rates depending on the health and welfare needs of the birds and the outside weather conditions.

GENERAL MANAGEMENT

In accordance with the management system at the farm, the buildings are regularly inspected and maintained. The floors and walls of the sheds are kept clean.

The site is regularly inspected and well maintained.

LIVESTOCK NUMBERS AND MOVEMENTS

A system is in place to record the number of animal places at Bryn y Plentyn and animal movements.

The records will be available for inspection.

Carcasses will be stored in the carcass storage within the permit area.

SLURRY SPREADING AND MANURE MANAGEMENT PLANNING – OFF SITE ACTIVITY

Litter is not to be stored at the installation.

Litter will be sold to Anaerobic Digester (AD) Plants as per the manure management plan.

Contingency arrangements are in place with surrounding farms to accept the manure in the case of an emergency.

Any litter that is exported from the installation has records kept of the quantities, destination and the date of transfer to separate farming businesses or to the Anaerobic Digestion Plant. Duty of Care notes will be created and kept for a minimum of 2 years.

The receiver of the manure confirms by signing a docket that litter is spread to the land in accordance with the Code of Good Agricultural Practice, or in accordance with the manure management plan for the receiving land.

IMPROVEMENT PROGRAM

New houses constructed to BAT as will be all Refurbishment works undertaken.

EMISSIONS AND MONITORING

Table of emission points;

EMISSION POINT DESCRIPTION/ SOURCE AND LOCATION	SOURCE
AIR	
Extractor fans as shown on location plan	Pullet Rearing Unit
Exhaust on generator as shown on location plan	Generator
Vent on Fuel tank as shown on location plan	Fuel Tank
LAND	
Drainage to storage tank and soak aways	Roof and surface water from Pullet Rearing unit

FUGITIVE EMISSIONS

Appropriate measures for preventing and minimising fugitive emissions are in place in accordance with the SGN EPR6.09 'How to comply with your environmental permit for intensive farming'.

Areas around buildings will be kept free from build-up of manure, slurry and spilt feed.

Footpaths will be managed so that they do not overflow.

Surface water from the roofs of the buildings and yard will be collected in the clean water tank to the west of the pullet rearing building before discharging via a soakaway system.

Drainage from the yard and poultry housing, including any contamination from litter or wash water during clean-out, will be directed to an underground dirty water storage tank located to the west of the pullet rearing building, as indicated on the site and drainage plans for Bryn y Plentyn. The tank will be SSAFO-compliant and will be emptied following each clean-out period.

The dirty water tank will be built to confirm to specifications in SGN EPR6.09 'How to comply with your environmental permit for intensive farming'.

Spent disinfectants will be added to the dirty water collection tanks.

A diverter valve will be installed between the clean and dirty water tanks to ensure that in the event of a fire this can be utilised to ensure no firewater drains into the clean water tank, through the soak away and into the environment.

There will be an emergency generator on site with a thermal capacity of 0.267MW, along side a 500L capacity Red Diesel fuel tank. This will only be used in the case of emergencies and will be tested once a week. Testing must not exceed 50 hours per annum.

DUST

Feed is stored in purpose built covered feed silos located next to the laying house. It is delivered to the farm by lorry from feed suppliers. Feed is blown directly from the lorry into the storage silos.

Feed is piped from the silos to the sheds minimising dust emissions.

Ventilation systems are operated to achieve optimum humidity levels for the stage of production in all weather and seasonal conditions.

Control of minimum ventilation rates is planned to avoid the build-up of moisture in the house. Ventilation is appropriate to the age and weight of the animal.

The sheds are managed to maintain the poultry litter in as dry and friable condition as possible. Dust is controlled through the management of litter and air quality.

For inlets the house will have 3 gable end fans and inlets on the side of the houses to with an additional 10 extractor fans on the roof of the building.

Rainwater run-off will be collected by the guttering system and routed to drains to the clean water tanks.

Litter is not stored at the site.

CARCASS MANAGEMENT

Fallen stock is disposed of in accordance with the current Animal By-Products Regulations. Carcasses will be stored in sealed vermin proof containers awaiting regular collection by a licenced renderer. Records of dates, quantities and destination will be held on site.

FLIES/PEST CONTROL

A pest control contract will be in place using a specialist contractor. Appropriate actions will be put into place to prevent and control flies should a nuisance arise.

ODOUR

In accordance with SGN EPR6.09 'How to comply with your environmental permit for intensive farming' see Noise Management Plan.