

**RE: Enfield Broiler Breeders,
LA011595**

Non-Technical Summary

An Application is being made by Enfield Broiler Breeders Limited, Unit B, Maynooth Business Campus, Straffan Road, Maynooth, Kildare. to the Environmental Protection Agency (E.P.A.) for a licence in respect of their poultry farm at Gorteen, Broadford, Co. Limerick. P56 VH76.

This enterprise is classed as: Activity Class 6.1(a), "The rearing of poultry in an installation, where the capacity exceeds 40,000 places."

The site (as indicated on accompanying maps & site plans) is a well-managed site and in excellent state of repair.

1. The Main activities carried out on-site revolve around the care and management of the birds:

- Transport of 18-week old birds to the farm
- Feeding of birds
- General animal husbandry practices
- Transport of feed to the farm
- Transport of eggs from the farm
- Transport of birds from the farm at circa. 14 months of age
- Removal of litter off site every 11 months
- Washing of houses between each batch of birds, for flock health and performance reasons.
- Bedding of housing with shavings in preparation for the next flock.
- Maintenance of buildings and equipment.
- Recording and monitoring of internal house environment, bird performance and mortality.
- Management of the overall site area.

Site plans and location map of the farm have been submitted as part of the application. Normal operating hours on the site will be primarily from 06.00hrs to 20.00hrs, however automated feeding and ventilation systems will operate continuously.

2. The raw and ancillary materials used in the running of the farm include:

- Compounded poultry rations, water and occasional antibiotic medication for the birds.
- Detergents, disinfectants and pest control products for flock health and hygiene.
- Electricity for operating the feed, ventilation, lighting and water systems.

3. **The main sources of emissions/ by-products from this farm include:**

- Poultry litter – Litter is transported by a licenced waste contractor to lands where it is incorporated as an organic fertiliser to replace chemical fertiliser and/or removed off-site for composting.
- Clean surface water – Roof water is collected by land drains around the houses and diverted to local watercourse.
- Soiled water – only applicable during cleanout period - directed to 3 x soiled water storage tanks and spread on site (10.92ha)
- Veterinary Waste – Disposed of by specialised contractor
- General Waste – Disposed of by a specialised contractor
- Animal Tissue waste - Disposed of by a specialised contractor
- Odour and Noise

4. **The proposed technology and other techniques for preventing or, where this is not possible, reducing emissions from the facility.**

Poultry Manure

- The poultry manure produced on site can be used as an organic fertiliser, which substitutes for the chemical fertiliser presently being used. The manure can be recycled on to the agricultural land replacing generally imported energy inefficient compound fertiliser.
- Quality machinery used for manure transport with sealed trailers.

Clean Surface Water

- Separation of clean and dirty water systems.

Dirty Surface Water

- Separated from clean surface water
- Dedicated soiled water collection tanks.

Veterinary Waste

- Comprises of: Bottles and packaging
Vaccines are used as the primary disease control measure on farm. In-feed medications are the second line of defence. Additional medication may be given through the water system if required. This management routine under veterinary supervision reduced the volume of veterinary waste.

Animal Tissue Waste

- Comprises of a variety of carcasses due to natural deaths on farm. This material is a resource ingredient in the animal rendering business.
- Stored in sealed bins
- This waste is kept to a minimum due to the high standard of animal husbandry practises.
- Disposed of by personnel employed by the licensed rendering facility.

Odour & Noise

- Deliveries (inward & outward) are confined to the normal daily work hours.
- There is a strict washing routine to prevent built up of odour within the houses.
- Noise and odour are reduced by the use of automated feeding and ventilation systems.

5. Complaints History

- There has been no history of an incidents or submissions associated with the farm.

6. Energy Efficiency

- Day/night economy rate electricity
- Improved insulation standards in all buildings.
- LED Lighting used for efficiency.

7. Should any incident with the potential for environmental contamination arise, the applicant(s) will,

- Inform the Licensing and Control Officer of the E.P.A.
- Inform the local authority and local regional fisheries board where applicable.
- Take the most appropriate measures available to minimise the effects of incident/spill.
- Consult with the E.P.A. and Local Authorities on any further appropriate remedial action required.

8. Specific programmes have been outlined to deal with the possibility of cessation of activity at this site:

- Birds will be sold or transferred to another site under the control of the applicant
- Animal tissue, veterinary waste and all other wastes will be removed from the site as per normal.
- Feed will be removed from the meal bins and any unopened medicines returned to the supplier.
- Litter will be removed from the houses and transported off-site as per normal protocol.
- The houses will be washed out and disinfected and left idle.