

Notice of variation with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

Mr Daniel Blenkiron
Lark Hall Farm
Ainderby Steeple
Northallerton
North Yorkshire
DL7 0PF

Variation application number

EPR/CP3937CD/V002

Permit number

EPR/CP3937CD

Lark Hall Farm

Permit number EPR/CP3937CD

Introductory note

This introductory note does not form a part of the notice

The following notice gives notice of the variation of an environmental permit. This permit variation is for:

- increasing the permitted broiler places from 120,000 to 310,000 including the addition of two new broiler houses (total of six houses).
- addition of a 1MWth input poultry litter burner to provide heat and electricity to the poultry houses Animal and Plant Health Agency (APHA) approved.

Broilers are reared from day old until slaughter following an all in/all out programme. At around 35 days the pullets reach their targeted growth weight, at around 48 days the cockerels reach their targeted growth weight and the birds are then collected by lorries for slaughter. Upon depletion the whole farm is mucked out, washed down and disinfected before beginning a new cycle. Underground tanks collect wash water to be emptied onto land in accordance with the DEFRA Code of Good Agricultural Practice. There are on average 6.5 crop cycles per annum with a turnaround of 7-10 days between crops. The farm currently does not de-stock or 'thin' bird places during the production cycle. By changing who chickens are supplied to this may be required in the future. Therefore, to cover this, the environmental permit is varied to a maximum of 310,000 bird places.

Once the houses have been depopulated, poultry litter is transported to the two litter combustion plant fuel storage bays by tractor and trailer. The fuel storage area is physically separated from the rest of the boiler house with a solid sealed wall to full height. When filled, the doors are closed and sealed and provide a full seal between the open environment and the enclosed fuel store. The litter is transferred from the bays by means of a top loader system and then into the combustion chamber by means of a fully enclosed conveyor. A lorry wheel wash area is located at the exit from the site to the rest of the farm on the western boundary and also at the exit from the Farm to the south of the site to the public highway. The quantity of poultry litter stored and used as a fuel is around 2,500 tonnes per year. Ash from the litter boiler plant is spread on farmland under the Quality Protocol rules set out by the Environment Agency.

Ventilation for all poultry houses is provided by means of air drawn through the side vents of the building and exiting through the roof using high velocity exhaust fans. In addition, houses 3, 4, 5 and 6 have gable end fans for additional cooling during the summer months. The high velocity roof mounted fans required for minimum ventilation will be predominantly used in the winter months.

Feed is delivered in covered lorries and stored on-site in galvanised steel bins. Dust deposited on hard standing within the site is regularly swept up and disposed of in accordance with the DEFRA Code of Good Agricultural Practice.

Dead birds are removed from the houses daily and the numbers recorded. Fallen stock is disposed of daily using the farms on-site incinerator which is approved by the Animal and Plant Health Agency (APHA). The incinerator is run on natural gas and has a burn rate of up to 50kg per hour.

Measures are in place to identify incidents and abnormal operations. Staff are trained to be able to detect abnormal operation and investigate the causes and get back to normal operation and ensure the problem does not reoccur. The Energy Centre has a fire wall division between the litter store and boiler room. The boiler can be remotely monitored and alarm messages notify staff of incidents.

The schedules specify the changes made to the original permit.

The status log of a permit sets out the permitting history, including any changes to the permit reference number.

Status log of the permit		
Description	Date	Comments
Application EPR/CP3937CD/A001	Duly made 06/03/2013	Application for an intensive farming poultry installation permit.
Additional information received	27/04/2013	Confirmation of emissions points to air and drainage arrangements for yard water. Submission of revised site layout and drainage plan showing emissions to air, location of soakaway and correct numbering of the sheds. Submission of completed application form B2.
Additional information received	29/04/2013	Confirmation of revised site location plan.
Permit determined EPR/CP3937CD	17/05/2013	Permit issued to Daniel Blenkiron.
Application EPR/CP3937CD/V002	Duly made 27/04/2016	Application to increase place numbers to 310,000, add a 1MWth input poultry manure fuelled burner, add two new poultry houses with an associated change to the installation boundary.
Variation determined EPR/CP3937CD (billing ref: MP3439RE)	11/07/2016	Varied permit issued.

End of introductory note

Notice of variation

The Environmental Permitting (England and Wales) Regulations 2010

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2010 varies

Permit number

EPR/CP3937CD

Issued to

Mr Daniel Blenkiron ("the operator")

of

**Lark Hall Farm
Ainderby Steeple
Northallerton
North Yorkshire
DL7 0PF**

to operate a regulated facility at

**Lark Hall Farm
Ainderby Steeple
Northallerton
North Yorkshire
DL7 0PF**

to the extent set out in the schedules.

The notice shall take effect from 11/07/2016

Name	Date
J Linton	11/07/2016

Authorised on behalf of the Environment Agency

Schedule 1 – conditions to be deleted

None.

Schedule 2 – conditions to be amended

The following tables are amended as a result of the application made by the operator.

Table S1.1 is amended to include the increase in place numbers, the addition of a poultry litter burner as a directly associated activity and the site carcass incinerator as a directly associated activity.

Table S1.1 Activities		
Activity listed in Schedule 1 of the EP Regulations	Description of specified activity	Limits of specified activity
Section 6.9 A(1)(a)(i) - rearing of poultry intensively in an installation with more than 40,000 places.	The rearing of poultry in a facility with a capacity for 310,000 broiler places.	From receipt of birds, raw materials and fuels onto the site to removal of birds and associated wastes from site.
Directly Associated Activity	Description of specified activity	Limits of specified activity
Heat and power generation	Operation of one on farm combustion unit with a thermal rated input not exceeding 1MWth. Burning unprocessed poultry manure generated on site.	From poultry manure storage on site to the release of combustion products to air and removal of associated wastes from site.
Carcass incinerator	Operation of an Incinerator for carcass disposal Animal and Plant Health Agency (APHA) approved <50 kg/hr.	From receipt of raw materials, fuels and input of carcasses to release of combustion products to air and associated wastes removed from site.

Table S1.2 is amended to include revised documents relating to the addition of the poultry litter burner and the site carcass incinerator.

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application EPR/CP3937CD/A001	Responses to Part B3 section 3 of the application form and referenced supporting documentation.	05/02/2013
Application EPR/CP3937CD/A001	Odour management plan reference [Appendix 7] and Noise management plan reference [Appendix 8] in response to Part B3 section 3b, Table 3b – General Requirements of the application form.	05/02/2013
Request for information	Response to Request for Information Confirmation of emissions points to air and drainage arrangements for yard water. Submission of revised site layout and drainage plan showing emissions to air, location of soakaway and correct numbering of the sheds. Submission of completed application form B2.	27/04/2013
Request for information	Confirmation of revised site location plan.	29/04/2013
Application EPR/CP3937CD/V002	Revised supporting documents: Appendix 3 – EMS, Appendix 4 – Non-technical Summary, Appendix 5 – Technical Summary, Appendix 7 – Odour Management Plan, Appendix 9 – Risk Assessment.	27/04/2016

Table S3.1 is amended to include the additional houses as well as the poultry litter burner and the site carcass incinerator.

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
High velocity roof ridge fan outlets as indicated in Appendices 4 and 5 in EPR/CP3937CD/V002	Poultry houses 1 to 6	---	---	---	---	---
Gable end fan outlets as indicated in Appendices 4 and 5 in EPR/CP3937CD/V002	Poultry houses 3 to 6	---	---	---	---	---
Outlet from heat exchanger as indicated on site layout plan EPR/CP3937CD/A001	Poultry house 1	---	---	---	---	---
Exhaust shown in schedule 4 of variation EPR/CP3937CD/V002	Standby generator	---	---	---	---	---
Emissions from a carcass incinerator shown in schedule 4 of variation EPR/CP3937CD/V002	Carcass incinerator chimney	---	---	---	---	---
Emissions from a poultry manure fuelled boiler shown in schedule 4 of variation EPR/CP3937CD/V002	One 1MWth input boiler	---	---	---	---	---

Table S3.2 is amended to include the additional houses and development of the previous soakaway area into an attenuation pond.

Table S3.2 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
Attenuation pond to the east of poultry house 1 shown in schedule 4 of variation V002	Roof water from poultry houses 1 to 6	---	---	---	---	---
Attenuation pond to the east of poultry house 1 shown in schedule 4 of variation V002	Concrete yard drainage (except during clean out periods)	---	---	---	---	---

Schedule 3 – conditions to be added

The following condition and table are added as a result of the application made by the operator.

2.3.6 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.

Table S2.1 is added to make reference to the use of poultry manure within the installation boiler.

Table S2.1 Raw materials and fuels	
Raw materials and fuel description	Specification
Fuel for on farm combustion unit.	Unprocessed poultry manure generated on site.

Schedule 6 – Interpretation

“Animal and Plant Health Agency (APHA)” is the government agency that licences small on farm incinerators and poultry manure burners; formerly known as the State Veterinary Service.

“building” means a construction that has the objective of providing sheltering cover and minimising emissions of noise, particulate matter, odour and litter.

“emissions to land” includes emissions to groundwater.

“Hazardous property” has the meaning in Annex III of the Waste Framework Directive.

“manure management plan” means the requirements described in Section 2.3 of SGN 6.09 How to Comply – Intensive Farming.

“pests” means Birds, Vermin and Insects.

“Waste code” means the six digit code referable to a type of waste in accordance with the List of Wastes and in relation to hazardous waste, includes the asterisk.

“Waste Framework Directive” or “WFD” means Waste Framework Directive 2008/98/EC of the European Parliament and of the Council on waste.

Schedule 4 – amended plan

Site Plan of Lark Hall Poultry Farm

