



**Cyfoeth
Naturiol**
Cymru
**Natural
Resources**
Wales

Notice of variation with introductory note

Environmental Permitting (England & Wales) Regulations 2016

Ystum Colwyn Farms Limited

Ystum Colwyn Farm Poultry Unit
Ystum Colwyn Farm
Meifod
Welshpool
Powys
SY22 6XT

Variation number

EPR/AB3391CD/V003

Permit number

EPR/AB3391CD

Ystum Colwyn Farm Poultry Unit

Permit number EPR/AB3391CD

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 variation will remove the two previous pre-application conditions (PO1 and PO2) from EPR/AB3391CD/V002. We have replaced the conditions with PO3 which requires the Operator to install three Heat Exchangers onto sheds 3 to 6, to minimise odour emissions from the installation.

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 PAN-000441 received	20/06/2016	Application for 100,000 broiler places installation permit.
Application PAN-000441	Duly made 15/08/2016	
Permit EPR/AB3391CD determined	12/12/2016	Permit issued
Variation application received EPR/AB3391CD/V002	Duly made 28/03/2017	
Additional information requested	21/06/2017	Site plan
Additional information received	07/07/2017	Site plan
Additional information received	14/07/2017	Updated ammonia modelling
Additional information requested	27/11/2017	Odour treatment
Additional information received	14/02/2018	Information on air emissions scrubbers provided
Permit variation EPR/AB3391CD/V002 determined	02/05/2018	Varied and consolidated permit issued.
Variation application received EPR/AB3391CD/V003	03/10/2018 Duly Made 22/10/2018	Application to remove pre-operational conditions.
Additional information requested	26/10/2018	Request for odour modelling files
Additional information received	09/11/2018	Odour modelling files received
Additional information received	21/12/2018	Information on Heat Exchangers
Additional information received	23/10/2019	Site Plan
Permit variation EPR/AB3391CD/V003 determined	25/11//2019	Varied and consolidated permit issued.

End of introductory note

Notice of variation

Environmental Permitting (England and Wales) Regulations 2016

The Natural Resources Body for Wales (“Natural Resources Wales”) in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2016 varies

Permit number

EPR/AB3391CD

issued to:

Ystum Colwyn Farms Limited (“the operator”),

Whose registered office is

Glanafon Farm

Meifod

Welshpool

Powys

SY22 6XT

company registration number **05662695**

to operate an installation at

Ystum Colwyn Farm Poultry Unit

Ystum Colwyn Farm

Meifod

Welshpool

Powys

SY22 6XT

to the extent set out in the schedules.

The notice shall take effect from 25/11/2019

Signed

Date

Holly Noble	25/11/2019
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Authorised on behalf of Natural Resources Wales

Schedule 1 – conditions to be deleted

None

Schedule 2 – conditions to be amended

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

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) Rearing of poultry or pigs intensively in an installation with more than 40,000 places for poultry.	The rearing of poultry in a broiler facility.	To house a maximum capacity of 340,000 birds. From receipt of birds, raw materials and fuels onto the site, to removal of birds and associated wastes from site.
Directly Associated Activity		
Biomass Boilers	Operation of two Biomass Boilers with a capacity of 1138.5kWth each, for site heating and hot water requirements, burning biomass fuel not comprising waste or animal carcasses.	From receipt of raw materials and fuels, to release of combustion products to air and associated wastes removed from site.
Heat Exchangers	Recovery of heat	Three Heat exchangers (on sheds 3,4,5 & 6) to be in constant operation to mitigate the impacts of odour emissions.
Three dirty water tanks.	Storage of dirty water from washing of poultry houses.	Temporary storage of wash down water in underground tanks.
Fuel storage	Storage of fuel oil for standby generator.	Temporary storage of fuel for use.
Chemical storage	Storage of chemicals for use on site.	Temporary storage of chemicals necessary for operation of the installation

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application PAN-000441	Responses to Part B3 section 3 of the application form and referenced supporting documentation.	20/06/16
	Best available techniques as described in BAT conclusions under Directive 2010/75/EU of the European Parliament and of the Council on industrial emissions for Intensive Farming installations.	
Application EPR/AB3391CD/V002	Part B2 and B3 of the application and all referenced supporting documents.	28/03/17
Application EPR/AB3391CD/V002	Odour Management plan Noise Management Plan	28/03/17
Application EPR/AB3391CD/V003	Responses to Part C2 and C3 section 3 of the application form and all referenced supporting documents. Odour Management Plan, Noise Management Plan, Environmental Statement, Environmental Management System	03/10/2018
Application EPR/AB3391CD/V003	Proposed Heat Exchangers (MultiHeat Heaters) on sheds 3,4,5 and 6	21/12/2018

Table S1.3 Pre-operational measures	
Reference	Pre-operational measures
PO3	The operator will install the Heat Exchangers (MultiHeat Heaters) as detailed in the information submitted to Natural Resources Wales on 21 December 2018 prior to the operation of poultry houses 3,4,5 and 6.

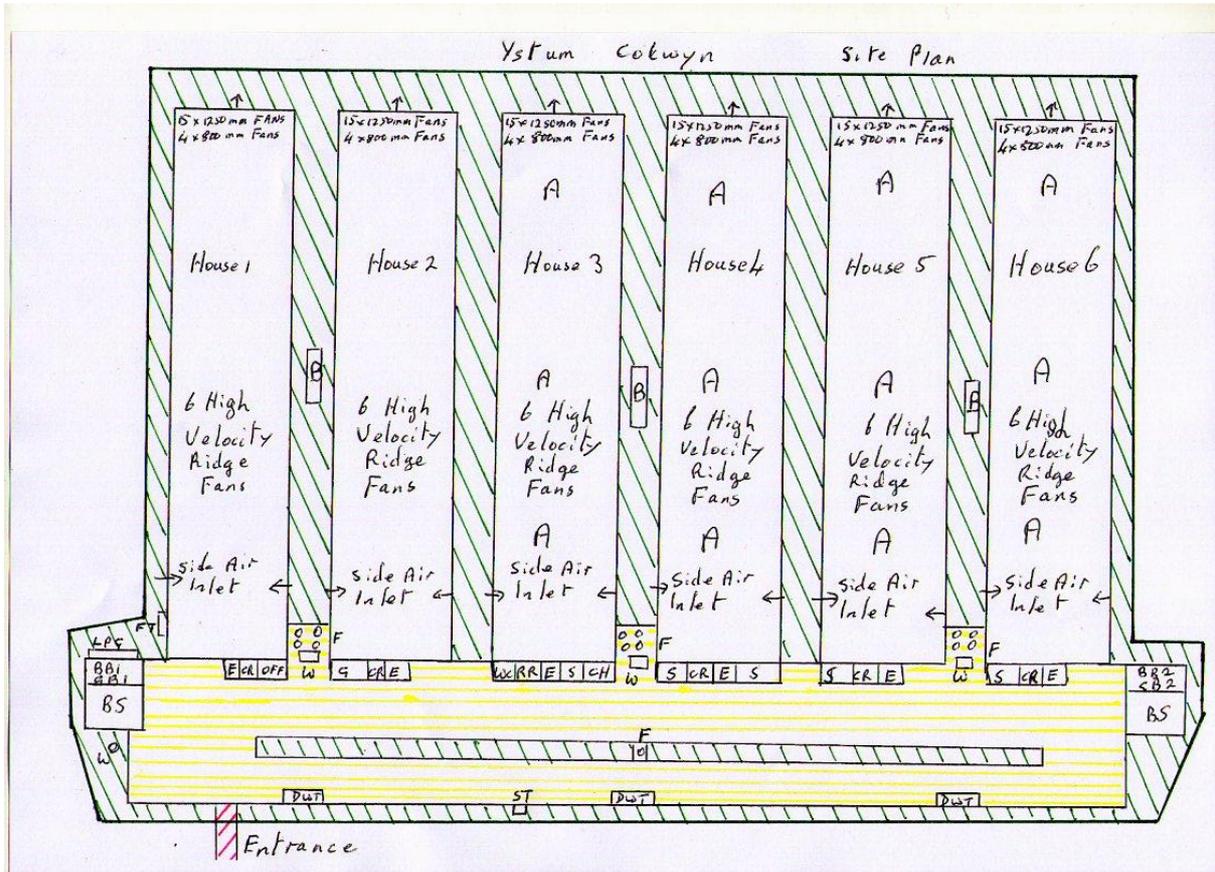
Table S3.2 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	Parameter	Source	Limit (incl. unit)	Reference period	Monitoring frequency	Monitoring standard or method
High velocity roof fans outlets on poultry houses 1 to 6 as shown on the site layout/ plan in schedule 7	None Set	Poultry houses 1 to 6.	None Set	None Set	None Set	None Set
Heat Exchangers as shown on the site layout plan in schedule 7	Odour	Heat Exchangers at poultry houses 3 to 6	None Set	None Set	None Set	None Set
Gable end fan outlets on building as shown on the site plan in schedule 7	None Set	Poultry houses 1 to 6	None Set	None Set	None Set	None Set
Exhaust from the generator as shown on the site layout plan in schedule 7	None Set	Generator	None Set	None Set	None Set	None Set
Vent from fuel tank as shown on the site layout plan in schedule 7	None Set	Diesel Tank	None Set	None Set	None Set	None Set
Emissions from biomass boilers as shown on the site layout plan in Schedule 7	None set	Biomass Boilers	None set	None Set	None Set	None Set

Schedule 3 – conditions to be added

None

Schedule 4 – amended plan

Amended site plan attached



Site Plan Legend

Concrete Yard	
Impermeable Hardcore	
Grass Area	
Dirty Water Tank (3)	DWT
Bunded Generator	G
Bunded Fuel Tank (integral with generator)	G
Office	OFF
Washroom	WC
Septic Tank	ST
Rest Room	RR
Site Boundary	—
Feed Bins	o F
Wheat Blending Shed	W
Control Room	CR
Biomass Boiler	BB1, BB2
Biomass Storage	BS
LPG Boiler	GB1, GB2
LPG Gas	LPG
Chemical Store	CH
General Store	S
House Entry	E
Clean Water Storage Tank	W
Multi-heat points, 3 per house 3, 4, 5, 6	A
Ground source heat pod	B

All feed bins are collision damage protected
 All oil and LPG tanks are collision protected
 All houses have under floor heating (1-6)