Notice of variation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Mr Richard Harrison

Legbourne Grange Farm Pig Unit
Legbourne Grange Farm
Furze Lane
Legbourne
Louth
Lincolnshire
LN11 8LR

Variation application number

EPR/JP3839CU/V002

Permit number

EPR/JP3839CU

Legbourne Grange Farm Pig Unit
Permit number EPR/JP3839CU

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 has been varied in order to ensure compliance with the Best Available Techniques (BAT) conclusions for the Intensive Rearing of Poultry or Pigs, 21 February 2017.

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/JP3839CU/A001	Duly made 24/02/12	Application for intensive farming permit
Schedule 5 request for further information received	17/04/12	Confirmation of dirty water drainage, feed storage, fuel/oil storage, pesticides/veterinary medicines storage, pig diets, ventilation and spent disinfectant disposal
Permit determined EPR/JP3839CU	24/05/12	Permit issued to Mr Richard Harrison
Variation determined EPR/JP3839CU/V002 (Billing Reference XP3504LT)	13/04/2021	Environment Agency initiated variation for Intensive Farming BAT compliance permit review

End of introductory note

Notice of variation

The Environmental Permitting (England and Wales) Regulations 2016

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2016 varies

Permit number

EPR/JP3839CU

Issued to

Mr Richard Harrison ("the operator")

of

Legbourne Grange Farm
Furze Lane
Legbourne
Louth
Lincolnshire
LN11 8LR

to operate a regulated facility at

Legbourne Grange Farm Pig Unit
Legbourne Grange Farm
Furze Lane
Legbourne
Louth
Lincolnshire
LN11 8LR

to the extent set out in the schedules.

The notice shall take effect from 13/04/2021

Name	Date
Adam Hollis	**13/04/2021**

Authorised on behalf of the Environment Agency

Schedule 1 – conditions to be deleted

None

Schedule 2 – conditions and schedules to be amended

The following conditions are amended as detailed, following an Environment Agency initiated variation

- Improvement programme table S1.3 is amended to add the following row for the addition of a slurry store improvement condition as follows:

Table S1.3 Improvement programme requirements		
Reference	**Requirement**	**Date**
IC2	A written plan shall be submitted to the Environment Agency for approval of detailed proposals for ensuring slurry stores and lagoons that were reliant on the <1% dry matter position comply with the Intensive Farming 2017 BAT conclusions 16 and 17. The proposals shall include either covering existing slurry stores and lagoons; or installing an approved slurry acidification system; or using an alternative technique that achieves the same level of environmental protection. The proposals shall include a timetable for the work. The plan shall be implemented by the operator in accordance with the Environment Agency's written approval. The improvement condition will be deemed to have been complied with, on approval in writing by the Environment Agency of the completion of the relevant improvements.	Written plan 21/02/21 Plan implementation 21/08/22

- Condition 4.3.2 is amended as follows:

4.3.2 Any information provided under condition 4.3.1 (a), 4.3.1 (b) or 4.3.1 (c) where the information relates to the breach of a limit specified in the permit, shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.

- Schedule 6 – Interpretation is amended as follows:

"MCERTS" means the Environment Agency's Monitoring Certification Scheme.

Schedule 3 – conditions to be added

The following conditions are added following an Environment Agency initiated variation

- Condition 3.1.2 is added as follows:

3.1.2 The limits given in schedule 3 shall not be exceeded.

- Condition 3.6.1 is added as follows:

3.6 Monitoring

3.6.1 The operator shall, unless otherwise agreed in writing by the Environment Agency, undertake the monitoring specified in the following tables in schedule 3 to this permit:

a) point source emissions specified in tables S3.1 and S3.2; and

b) process monitoring specified in table S3.4.

- Process monitoring table S3.4 is added as referenced in permit condition 3.6.1

Table S3.4 Process monitoring requirements					
Emission point reference or source or description of point of measurement	**Parameter**	**Limit (incl. Unit)**		**Monitoring frequency**	**Monitoring standard or method**
All sow houses (mating and gestating sows, farrowing sows)	kg N excreted/ animal place/year	From 21/02/2021 30.0 kg N excreted/animal place/year		Annually	Estimation by using manure analysis for total nitrogen content or using mass balance of nitrogen based on the feed intake, and animal performance
	kg P_2O_5 excreted/ animal place/year	From 21/02/2021 15.0 kg P_2O_5 excreted/ animal place/year		Annually	Estimation by using manure analysis for total phosphorus content or using mass balance of phosphorus based on the feed intake, and animal performance
All mating and gestating sow houses	kg NH_3/animal place/year	Solid floor systems (straw/litter)	From 21/02/2021 5.2 kg NH_3/animal place/year	Annually	Estimation using emission factors
		Slurry based systems (all narrative BAT options excluding deep pit)	From 21/02/2021 2.7 kg NH_3/animal place/year		
		Slurry based systems – deep pit (existing houses)	From 21/02/2021 4.0 kg NH_3/animal place/year		

Table S3.4 Process monitoring requirements					
Emission point reference or source or description of point of measurement	**Parameter**	**Limit (incl. Unit)**		**Monitoring frequency**	**Monitoring standard or method**
All farrower houses	kg NH_3/animal place/year	Solid floor systems (straw/litter)	From 21/02/2021 5.6 kg NH_3/animal place/year	Annually	Estimation using emission factors
		Slurry based systems (all narrative BAT options excluding deep pit)	From 21/02/2021 5.6 kg NH_3/animal place/year		
		Slurry based systems – deep pit (existing houses)	From 21/02/2021 7.5 kg NH_3/animal place/year		
All weaner (up to 30 kg) houses	kg N excreted/ animal place/year	From 21/02/2021 4.0 kg N excreted/animal place/year		Annually	Estimation by using manure analysis for total nitrogen content or using mass balance of nitrogen based on the feed intake, and animal performance
	kg P_2O_5 excreted/ animal place/year	From 21/02/2021 2.2 kg P_2O_5 excreted/ animal place/year		Annually	Estimation by using manure analysis for total phosphorus content or using mass balance of phosphorus based on the feed intake, and animal performance
	kg NH_3/animal place/year	Solid floor systems (straw/litter)	From 21/02/2021 0.7 kg NH_3/animal place/year	Annually	Estimation using emission factors
		Slurry based systems (all narrative BAT options excluding deep pit)	From 21/02/2021 0.53 kg NH_3/animal place/year		
		Slurry based systems –	From 21/02/2021		

Table S3.4 Process monitoring requirements					
Emission point reference or source or description of point of measurement	**Parameter**	**Limit (incl. Unit)**		**Monitoring frequency**	**Monitoring standard or method**
		deep pit (existing houses)	0.7 kg NH_3/animal place/year		
All production pig (>30 kg) houses	kg N excreted/ animal place/year	From 21/02/2021 13.0 kg N excreted/animal place/year		Annually	Estimation by using manure analysis for total nitrogen content or using mass balance of nitrogen based on the feed intake, and animal performance
	kg P_2O_5 excreted/ animal place/year	From 21/02/2021 5.4 kg P_2O_5 excreted/ animal place/year		Annually	Estimation by using manure analysis for total phosphorus content or using mass balance of phosphorus based on the feed intake, and animal performance
	kg NH_3/animal place/year	Solid floor systems (straw/litter)	From 21/02/2021 5.65 kg NH_3/animal place/year	Annually	Estimation using emission factors
		Slurry based systems (all narrative BAT options excluding deep pit)	From 21/02/2021 2.6 kg NH_3/animal place/year		
		Slurry based systems – deep pit (existing houses)	From 21/02/2021 3.6 kg NH_3/animal place/year		
All houses	Dust	n/a		Annually	Estimation using emission factors

Notes

(1) For all existing housing permitted before 21/02/17 the monitoring is a requirement from 21/02/21.

- Condition 3.6.2 is added as follows:

3.6.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.

- Condition 3.6.3 is added as follows:

3.6.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.6.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.

- Condition 4.2.3 is added as follows:

4.2.3 For the following activities referenced in schedule 1, table S1.1 a report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment Agency) each year where sampling and monitoring are to be carried out. The report(s) shall include as a minimum a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data.

- Condition 4.2.4 is added as follows:

4.2.4 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the Environment Agency, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:

(a) in respect of the parameters and emission points specified in schedule 4 table S4.1;

(b) for the reporting periods specified in schedule 4 table S4.1 and using the forms specified in schedule 4 table S4.2; and

(c) giving the information from such results and assessments as may be required by the forms specified in those tables.

- Table S4.1 is added as referenced in permit condition 4.2.4

Table S4.1 Reporting of monitoring data			
Parameter	**Emission or monitoring point/reference**	**Reporting period**	**Period begins**
Process monitoring parameters as required by condition 3.6.1	-	Every 12 months	1 January

- Table S4.2 is added as referenced in permit condition 4.2.4

Table S4.2 Reporting forms		
Media/parameter	**Reporting format**	**Date of form**
kg NH_3/animal place/year	Form Process Monitoring 1 or other form as agreed in writing by the Environment Agency	13/04/2021
kg N excreted/animal place/year & kg P_2O_5 excreted/animal place/year	Form Process Monitoring 1 or other form as agreed in writing by the Environment Agency	13/04/2021

Table S4.2 Reporting forms		
Media/parameter	**Reporting format**	**Date of form**
Dust atmospheric mass emission	Form Process Monitoring 1 or other form as agreed in writing by the Environment Agency	13/04/2021

Schedule 4 – amended plan

No change to site plan

END OF NOTICE