

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Mr J and Mr S Hurst

Brookfield House and Lower End Poultry Farm

Brookfield House Farm
Liverpool Road
Bickerstaffe
Lancashire
L39 0EE

and

Lower End Farm
Bowkers Green Lane
Bickerstaffe
Lancashire
L39 9ER

Variation application number

EPR/AP3036MK/V003

Permit number

EPR/AP3036MK

Brookfield House and Lower End Poultry Farm

Permit number EPR/AP3036MK

Introductory note

This introductory note does not form a part of the notice.

Under the Environmental Permitting (England & Wales) Regulations 2016 (schedule 5, part 1, paragraph 19) a variation may comprise a consolidated permit reflecting the variations and a notice specifying the variations included in that consolidated permit.

Schedule 1 of the notice specifies the conditions that have been varied and schedule 2 comprises a consolidated permit which reflects the variations being made.

Brookfield House and Lower End Poultry Farm is located approximately 3.5 km to the North East of Maghull.

The installation is approximately centred on National Grid Reference SD 41306 03213

This variation authorises the following changes:

- The installation broiler numbers increase from 188,000 to 235,000. The split of bird numbers is 117,536 at Lower End Farm and 117,464 at Brookfield House Farm.
- Existing Poultry House 4 is extended to accommodate additional numbers at Brookfield House Farm and increases at Lower End Farm without changes to poultry housing.
- Two new biomass boilers are added. One is added at each of Lower End Farm and one at Brookfield House Farm with three existing smaller biomass boilers removed at Lower End Farm. The aggregated thermal input boiler capacity for the installation is increased from 1.07 MW to 1.948 MW.

The rest of the installation is unchanged and continues to be operated as follows:

The installation consists of two sites, Brookfield House Farm (grid reference SD 41335 03213) and Lower End Farm (SD 41407 04239), situated approximately 3km south west of Bickerstaffe.

The main features of the installation are as follows: the installation consists of two sites, Brookfield House Farm and Lower End Farm, adjoined by 80 hectares of arable land predominately used for growing cereal crops. Bird accommodation comprises a total of eight poultry houses: four at Brookfield House Farm and four houses at Lower End Farm.

Birds are brought in from a hatchery at approximately one day old and depopulated at 45 to 50 days old, being transported to a processing plant at the end of the growing cycle. The poultry houses all have concrete floors and have roof fan ventilation. At the end of the growing period the used litter is transported from the installation in covered trailers and used as manure on suitable arable land.

Dirty wash water is channelled to underground tanks or collected in purpose built sumps at the entrance of houses and subsequently removed via a slurry tanker before spreading on suitable arable land. Clean water from shed roofs is passed through a soak away before being discharged to local streams. Birds which die during the production cycle are removed from the houses each day and the carcasses are then incinerated on site in an 'Animal Health' approved incinerator.

This consolidation implements the requirements of the European Union Directive on Industrial Emissions.

The schedules specify the changes made to the permit.

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

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Status log of the permit		
Description	Date	Comments
Application received EPR/AP3036MK	Duly made 03/01/2007	Application to permit a broiler poultry unit with total capacity for 188,000 broilers
Additional information received	08/05/2007	
Permit determined EPR/AP3036MK	22/06/2007	Permit issued to Mr. J. Hurst and Mr. S. Hurst
Application EPR/AP3036MK/V002 (variation and consolidation)	Duly made 06/02/2014	Application to vary and update the permit to modern conditions and add five biomass boilers to the directly associated activities
Variation determined EPR/AP3036MK/V002	28/03/2014	Varied and consolidated permit issued in modern condition format to Mr. J. Hurst and Mr. S. Hurst
Application EPR/AP3036MK/V003 (variation and consolidation)	Duly made 24/04/2018	
Additional information received	08/05/18	Final Site Plan
Additional information received	23/05/18	Final clarity on Gable end Fans
Variation determined EPR/AP3036MK/V003 (Billing reference: HP3936JX)	04/06/18	Varied and consolidated permit issued in modern condition format.

End of introductory note

Notice of variation and consolidation

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 and consolidates

Permit number

EPR/AP3036MK

Issued to

Mr J and Mr S Hurst ("the operator")

of

Brookfield House Farm

Liverpool Road

Bickerstaffe

Lancashire

L39 0EE.

to operate an installation at

Brookfield House and Lower End Poultry Farm

Brookfield House Farm

Liverpool Road

Bickerstaffe

Lancashire

L39 0EE

and

Lower End Farm

Bowkers Green Lane

Bickerstaffe

Lancashire

L39 9ER

to the extent set out in the schedules.

The notice shall take effect from 04/06/2018

Name	Date
Anne Nightingale	04/06/18

Schedule 1

All conditions have been varied by the consolidated permit as a result of the application made by the operator.

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/AP3036MK

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/AP3036MK/V003 authorising,

Mr J and Mr S Hurst (“the operator”),

of

**Brookfield House Farm
Liverpool Road
Bickerstaffe
Lancashire
L39 0EE.**

to operate an installation at

**Brookfield House and Lower End Poultry Farm
Brookfield House Farm
Liverpool Road
Bickerstaffe
Lancashire
L39 0EE**

and

**Lower End Farm
Bowkers Green Lane
Bickerstaffe
Lancashire
L39 9ER**

to the extent authorised by and subject to the conditions of this permit.

Name	Date
Anne Nightingale	04/06/18

Authorised on behalf of the Environment Agency

Conditions

1 Management

1.1 General management

1.1.1 The operator shall manage and operate the activities:

- (a) in accordance with a written management system that identifies and minimises risks of pollution, so far as is reasonably practicable, including those risks arising from operations, maintenance, accidents, incidents, non-conformances, closure and those drawn to the attention of the operator as a result of complaints; and
- (b) using sufficient competent persons and resources.

1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.

1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of the permit.

1.2 Energy efficiency

1.2.1 The operator shall:

- (a) take appropriate measures to ensure that energy is used efficiently in the activities;
- (b) maintain records of fuel and energy consumption used in the activities;

1.3 Efficient use of raw materials

1.3.1 The operator shall:

- (a) take appropriate measures to ensure that raw materials and water are used efficiently in the activities; and
- (b) maintain records of raw materials and water used in the activities;

1.4 Avoidance, recovery and disposal of wastes produced by the activities

1.4.1 The operator shall take appropriate measures to ensure that the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities and that;

- (a) any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and
- (b) where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.

2 Operations

2.1 Permitted activities

2.1.1 The only activity (*activities*) authorised by the permit is (*are*) the activity (*activities*) specified in schedule 1 table S1.1 (the “activities”).

2.2 The site

- 2.2.1 The activities shall not extend beyond the site, being the land shown edged in green on the site plan at schedule 7 to this permit.

2.3 Operating techniques

- 2.3.1 The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by the Environment Agency.
- 2.3.2 If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan or other documentation ("plan") specified in schedule 1, table S1.2 or otherwise required under this permit which identifies and minimises the risks of pollution relevant to that plan, and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 2.3.3 The operator shall maintain and implement a system to record the number of animal places and animal movements.
- 2.3.4 The operator shall ensure that a diet formulation and nutritional strategy is used to reduce the total nitrogen and total phosphorous excreted.
- 2.3.5 The operator shall take appropriate measures in disposal or recovery of solid manure or slurry to prevent, or where this is not practicable, to minimise pollution.
- 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.
- 2.3.7 The operator shall ensure that where waste produced by the activities is sent to a relevant waste operation, that operation is provided with the following information, prior to the receipt of the waste:
- (a) the nature of the process producing the waste;
 - (b) the composition of the waste;
 - (c) the handling requirements of the waste;
 - (d) the hazardous property associated with the waste, if applicable; and
 - (e) the waste code of the waste.

2.4 Improvement programme

- 2.4.1 The operator shall complete the improvements specified in schedule 1 table S1.3 by the date specified in that table unless otherwise agreed in writing by the Environment Agency.
- 2.4.2 Except in the case of an improvement which consists only of a submission to the Environment Agency, the operator shall notify the Environment Agency within 14 days of completion of each improvement.

2.5 Pre-operational conditions

- 2.5.1 The activities shall not be brought into operation until the measures specified in schedule 1 table S1.4 have been completed.

3 Emissions and monitoring

3.1 Emissions to water, air or land

- 3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points specified in table S3.1, 3.2 and 3.3.
- 3.1.2 The limits given in schedule 3 shall not be exceeded.
- 3.1.3 Periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.

3.2 Emissions of substances not controlled by emission limits

- 3.2.1 Emissions of substances not controlled by emission limits shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.
- 3.2.2 The operator shall:
- (a) if notified by the Environment Agency that the activities are giving rise to pollution, submit to the Environment Agency for approval within the period specified, an emissions management plan which identifies and minimises the risks of pollution from emissions of substances not controlled by emission limits; and
 - (b) implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 3.2.3 All liquids in containers, whose emission to water or land could cause pollution, shall be provided with secondary containment, unless the operator has used other appropriate measures to prevent or where that is not practicable, to minimise, leakage and spillage from the primary container.

3.3 Odour

- 3.3.1 Emissions from the activities shall be free from odour at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved odour management plan, to prevent or where that is not practicable to minimise the odour.

3.4 Noise and vibration

- 3.4.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved noise and vibration management plan to prevent or where that is not practicable to minimise the noise and vibration.

3.5 Monitoring

- 3.5.1 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 S3.3;

3.5.2 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.

3.6 Pests

3.6.1 The activities shall not give rise to the presence of pests which are likely to cause pollution, hazard or annoyance outside the boundary of the site. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved pests management plan, have been taken to prevent or where that is not practicable, to minimise the presence of pests on the site.

3.6.2 The operator shall:

- (a) if notified by the Environment Agency, submit to the Environment Agency for approval within the period specified, a pests management plan which identifies and minimises risks of pollution, hazard or annoyance from pests; and
- (b) implement the pests management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

4 Information

4.1 Records

4.1.1 All records required to be made by schedules 3, 4 and 5 to this permit shall:

- (a) be legible;
- (b) be made as soon as reasonably practicable;
- (c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and
- (d) be retained, unless otherwise agreed in writing by the Environment Agency, for at least 6 years from the date when the records were made, or in the case of the following records until permit surrender:
 - (i) off-site environmental effects; and
 - (ii) matters which affect the condition of the land and groundwater.

4.1.2 The operator shall maintain convenient access, in either electronic or hard copy, to the records, plans and management system required to be maintained by this permit.

4.2 Reporting

4.2.1 The operator shall send all reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.

4.2.2 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. The report(s) shall include as a minimum:

- (a) a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data.

- 4.2.3 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.
- 4.2.4 The operator shall, unless notice under this condition has been served within the preceding four years, submit to the Environment Agency, within six months of receipt of a written notice, a report assessing whether there are other appropriate measures that could be taken to prevent, or where that is not practicable, to minimise pollution.

4.3 Notifications

4.3.1 In the event:

- (a) that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately :—
 - (i) inform the Environment Agency,
 - (ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and
 - (iii) take the measures necessary to prevent further possible incidents or accidents; and
- (b) of a breach of any permit condition the operator must immediately :—
 - (i) inform the Environment Agency, and
 - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;
- (c) of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.

4.3.2 Any information provided under condition 4.3.1 [(a)(i), or 4.3.1 (b)(i) 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.

4.3.3 Where the Environment Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Environment Agency when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.

4.3.4 The Environment Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:

Where the operator is a registered company:

- (a) any change in the operator's trading name, registered name or registered office address; and
- (b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.

Where the operator is a corporate body other than a registered company:

- (c) any change in the operator's name or address; and
- (d) any steps taken with a view to the dissolution of the operator.

In any other case:

- (e) the death of any of the named operators (where the operator consists of more than one named individual);
- (f) any change in the operator's name(s) or address(es); and
- (g) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.

4.3.5 Where the operator proposes to make a change in the nature or functioning, or an extension of the activities, which may have consequences for the environment and the change is not otherwise the subject of an application for approval under the Regulations or this permit:

- (a) the Environment Agency shall be notified at least 14 days before making the change; and
- (b) the notification shall contain a description of the proposed change in operation.

4.3.6 The Environment Agency shall be given at least 14 days notice before implementation of any part of the site closure plan.

4.3.7 Where the operator has entered into a climate change agreement with the Government, the Environment Agency shall be notified within one month of:

- (a) a decision by the Secretary of State not to re-certify the agreement;
- (b) a decision by either the operator or the Secretary of State to terminate the agreement; and
- (c) any subsequent decision by the Secretary of State to re-certify such an agreement.

4.4 Interpretation

4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.

4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made "immediately", in which case it may be provided by telephone.

Schedule 1 – Operations

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 235,000 broiler places. Brookfield House - 117, 464 broiler places Lower End Poultry Farm - 117,536 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
Carcass incineration	Operation of an Incinerator for carcass disposal Animal Health and Veterinary Laboratories Agency (AHVLA) 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
Biomass Boiler	Operation of 4 Biomass Boilers (3 at Brookfield House Farm, 1 at Lower End Farm) with an aggregated thermal rated input not exceeding 1.948MWth for site heating 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.

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application	The responses to sections B2.3.1, B2.3.2, B2.3.3, B2.6.1, B2.6.2, B2.6.3, B2.7.1 and B2.7.2 in the Application.	03/01/2007
Additional Information	All	08/05/2007
Variation application EPR/AP3036MK/V002	Responses to Parts C2 and C3 of the application form and referenced supporting documentation.	Duly made 06/02/2014
Variation application EPR/VP3530AE/V003	Responses to Part C3.5 of the application form and referenced supporting documentation plus all duly making application	Duly made 24/04/18
Additional information received	Final site plan	08/05/18
Additional information received	Final clarity on gable end fans	24/05/18

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC1	<p>A written plan shall be submitted to the Agency for approval, following a review of all site drainage at the installation. The plan should take into account the appropriate measures for the management of drainage systems and run-off in S3.3 of TGN How to Comply, Version 1, and include a timetable for any improvements to the drainage system. The notification requirements of condition 2.5.2 shall be deemed to have been complied with on submission of the plan.</p> <p>The plan shall be implemented by the operator from the date of approval in writing by the Agency subject to such amendments or additions as notified by the Agency.</p>	Completed
IC2	<p>A written plan shall be submitted to the Agency for approval following a review of existing poultry housing and management practices at the installation. The plan shall take into account the appropriate measures in S6.2.1 & S6.2.2 of TGN How to Comply, Version 1. The plan shall identify measures to reduce emissions to all media, the likely cost of such measures and a proposed timetable for their implementation.</p> <p>The notification requirements of condition 2.5.2 shall be deemed to have been complied with on submission of the plan.</p> <p>The plan shall be implemented by the operator from the date of approval in writing by the Agency subject to such amendments or additions as notified by the Agency.</p>	Completed

Table S1.4 Pre-operational conditions		
Reference	Operation	Pre-operational measures
PO1	Commissioning with virgin wood materials of new 0.53 MW thermal input biomass boiler	<p>At least 4 weeks before the start of facility commissioning with raw materials the Operator shall provide the following</p> <ul style="list-style-type: none"> • A Renewable Heat Incentive (RHI) certificate for the new boiler <p>Commissioning shall only commence after approval by the Environment Agency in writing of this pre-operational condition submission.</p>

Schedule 2 – Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels	
Raw materials and fuel description	Specification
Fuel for biomass boiler units	Biomass pellets comprising virgin timber, straw or miscanthus, or a combination of these.

Schedule 3 – Emissions and monitoring

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (including unit)	Reference Period	Monitoring frequency	Monitoring standard or method
Brookfield House Farm Roof fan outlets on houses 1 to 4 shown on the site drainage plan dated 24/04/18 within variation application EPR/AP3036MK/V003	---	Poultry sheds 1 to 4	---	---	---	---
Gable end fan outlet on poultry houses 1 to 4 shown on the site drainage plan dated 24/04/18 within variation application EPR/AP3036MK/V003	---	Poultry sheds 1 to 4	---	---	---	---
Lower End Farm Roof fan outlets on buildings 5 to 8 shown on the site plan in Appendix 5 of Application EPR/AP3036MK/V002	---	Poultry sheds 5 to 8	---	---	---	---
Gable end fan outlet on poultry houses 5 to 6 shown on the site drainage plan dated 24/04/18 within variation application EPR/AP3036MK/V003	---	Poultry sheds 5 to 6	---	---	---	---
Gable end fan outlet on poultry houses 7 and 8 as confirmed in further information provided on 19/02/2014	---	Poultry houses 7 and 8	---	---	---	---
Lower End Farm Exhaust from generator as shown on the site plan in Appendix 5 of Application EPR/AP3036MK/V002	---	Generator	---	---	---	---
Brookfield House Farm Exhaust from generator as confirmed in further information provided on 19/02/2014	---	Generator	---	---	---	---
Lower End Farm Chimney from carcass incinerator as shown on the site plan in Appendix 5 of Application EPR/AP3036MK/V002	---	Carcass incinerator	---	---	---	---
Lower End Farm Vent from fuel tank as shown on the site plan in Appendix 5 of Application EPR/AP3036MK/V002	---	Diesel Tank	---	---	---	---
Brookfield House Farm Emissions from three biomass boilers as shown the site drainage plan dated 24/04/18 within variation application EPR/AP3036MK/V003	---	Aggregated 0.958 MW thermal input Biomass Boilers	---	---	---	---
Lower End Farm Emissions from single biomass boiler as shown the site drainage plan dated 24/04/18 within variation application EPR/AP3036MK/V003	-	Single 0.99 MW thermal input Biomass Boiler.	---	---	---	---

Emission point ref. & location	Source	Parameter	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
Brookfield House Farm Emission to Knoll Brook via French drains acting as soak aways as on indicated on the site drainage plan dated 24/04/18 within variation application EPR/AP3036MK/V003	---	Surface water run-off from poultry shed 1 (via soak away)	----	----	---	---
Brookfield House Farm Emission to Cunsough Brook via French drains acting as soak aways as on indicated the site drainage plan dated 24/04/18 within variation application EPR/AP3036MK/V003	---	Rain water and lightly contaminated yard (not clean out) poultry sheds 2, 3 and 4	----	----	---	---
Lower End Farm Emission to un-named local brook via French drains acting as soak aways to the east of the installation as indicated on the site drainage plan dated 24/04/18 within variation application EPR/AP3036MK/V003	---	Rain water and lightly contaminated yard (not clean out) water run-off from poultry sheds 5, 6, 7 and 8	----	----	---	---
Brookfield House Farm Emission to French drains actings as soakaways as indicated on the site drainage plan dated 24/04/18 within variation application EPR/AP3036MK/V003	---	Rain water and lightly contaminated yard (not clean out) water run-off from poultry sheds 1 to 4	---	---	---	---
Lower End Farm Emission to French drains actings as soakaways as indicated on the site drainage plan dated 24/04/18 within variation application EPR/AP3036MK/V003	---	Rain water and lightly contaminated yard (not clean out) water run-off from poultry sheds 5 to 8.	---	---	---	---

Emission point reference or source or description of point of measurement	Parameter	Limit (incl. Unit)	Monitoring frequency	Monitoring standard or method	Other specifications
Broilers in houses 1 to 8	kg N excreted/animal place/year	0.6 kg N/animal place/year	Annually	Estimation by using manure analysis for total nitrogen content	
	kg P ₂ O ₅ excreted/animal place/year	0.25 kg P ₂ O ₅ animal place/year	Annually	Estimation by using manure analysis for total phosphorus content	
Broilers in houses 1 to 8	kg NH ₃ /animal place/year	0.08 kg NH ₃ /animal place/year	Annually	Estimation using emission factors	

Table S3.3 Process monitoring requirements					
Emission point reference or source or description of point of measurement	Parameter	Limit (incl. Unit)	Monitoring frequency	Monitoring standard or method	Other specifications
Broilers in houses 1 to 8	Dust	n/a	Annually	Estimation using emission factors	

Schedule 4 – Reporting

Table S4.1 Reporting of monitoring data			
Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Process monitoring Parameters as required by condition 3.5.1	-	Every 12 months	1 January

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	04/06/18
kg N excreted/animal place/year & kg P ₂ O ₅ excreted/animal place/year	Form Process Monitoring 1 or other form as agreed in writing by the Environment Agency	04/06/18
Dust atmospheric mass emission	Form Process Monitoring 1 or other form as agreed in writing by the Environment Agency	04/06/18

Schedule 5 – Notification

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the EP Regulations.

Part A

Permit Number	
Name of operator	
Location of Facility	
Time and date of the detection	

(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution	
To be notified within 24 hours of detection	
Date and time of the event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances(s) potentially released	
Best estimate of the quantity or rate of release of substances	
Measures taken, or intended to be taken, to stop any emission	
Description of the failure or accident.	

(b) Notification requirements for the breach of a limit	
To be notified within 24 hours of detection	
Emission point reference/ source	
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	
Measures taken, or intended to be taken, to stop the emission	

Time periods for notification following detection of a breach of a limit	
Parameter	Notification period

(c) Notification requirements for the detection of any significant adverse environmental effect	
To be notified within 24 hours of detection	
Description of where the effect on the environment was detected	
Substances(s) detected	
Concentrations of substances detected	
Date of monitoring/sampling	

Part B – to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	
The dates of any unauthorised emissions from the facility in the preceding 24 months.	

Name*	
Post	
Signature	
Date	

* authorised to sign on behalf of the operator

Schedule 6 – Interpretation

“accident” means an accident that may result in pollution.

“application” means the application for this permit, together with any additional information supplied by the operator as part of the application and any response to a notice served under Schedule 5 to the EP Regulations.

“authorised officer” means any person authorised by the Environment Agency under section 108(1) of The Environment Act 1995 to exercise, in accordance with the terms of any such authorisation, any power specified in section 108(4) of that Act.

“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.

“emissions of substances not controlled by emission limits” means emissions of substances to air, water or land from the activities, either from the emission points specified in schedule 3 or from other localised or diffuse sources, which are not controlled by an emission limit.

“EP Regulations” means The Environmental Permitting (England and Wales) Regulations SI 2010 No.675 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

“groundwater” means all water, which is below the surface of the ground in the saturation zone and in direct contact with the ground or subsoil.

‘Hazardous property’ has the meaning in Annex III of the Waste Framework Directive.

“Industrial Emissions Directive” means DIRECTIVE 2010/75/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 24 November 2010 on industrial emissions.

‘List of Wastes’ means the list of wastes established by Commission Decision 2000/532/EC replacing Decision 94/3/EC establishing a list of wastes pursuant to Article 1(a) of Council Directive 75/442/EEC on waste and Council Decision 94/904/EC establishing a list of hazardous waste pursuant to Article 1(4) of Council Directive 91/689/EEC on hazardous waste, as amended from time to time.

“Manure and slurry” have the following meaning:

- Manures may be either slurries or solid manures.
- Slurries consist of excreta produced by livestock whilst in a yard or building mixed with rainwater and wash water and, in some cases, waste bedding and feed. Slurries can be pumped or discharged by gravity.
- Slurry includes duck effluent, seepage from manure and wash water.
- Solid manures include farmyard manure (FYM) and comprise material from straw-based housing systems, excreta with lots of straw/sawdust/woodchips in it, or solids from mechanical separators.
- Most poultry systems produce solid manure (litter).
- Solid manure can generally be stacked.

“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.

“SGN How to comply – Intensive Farming” The EPR Sector Guidance Note 6.09 for intensive pig and poultry farmers, Version 2 published January 2010.

‘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.

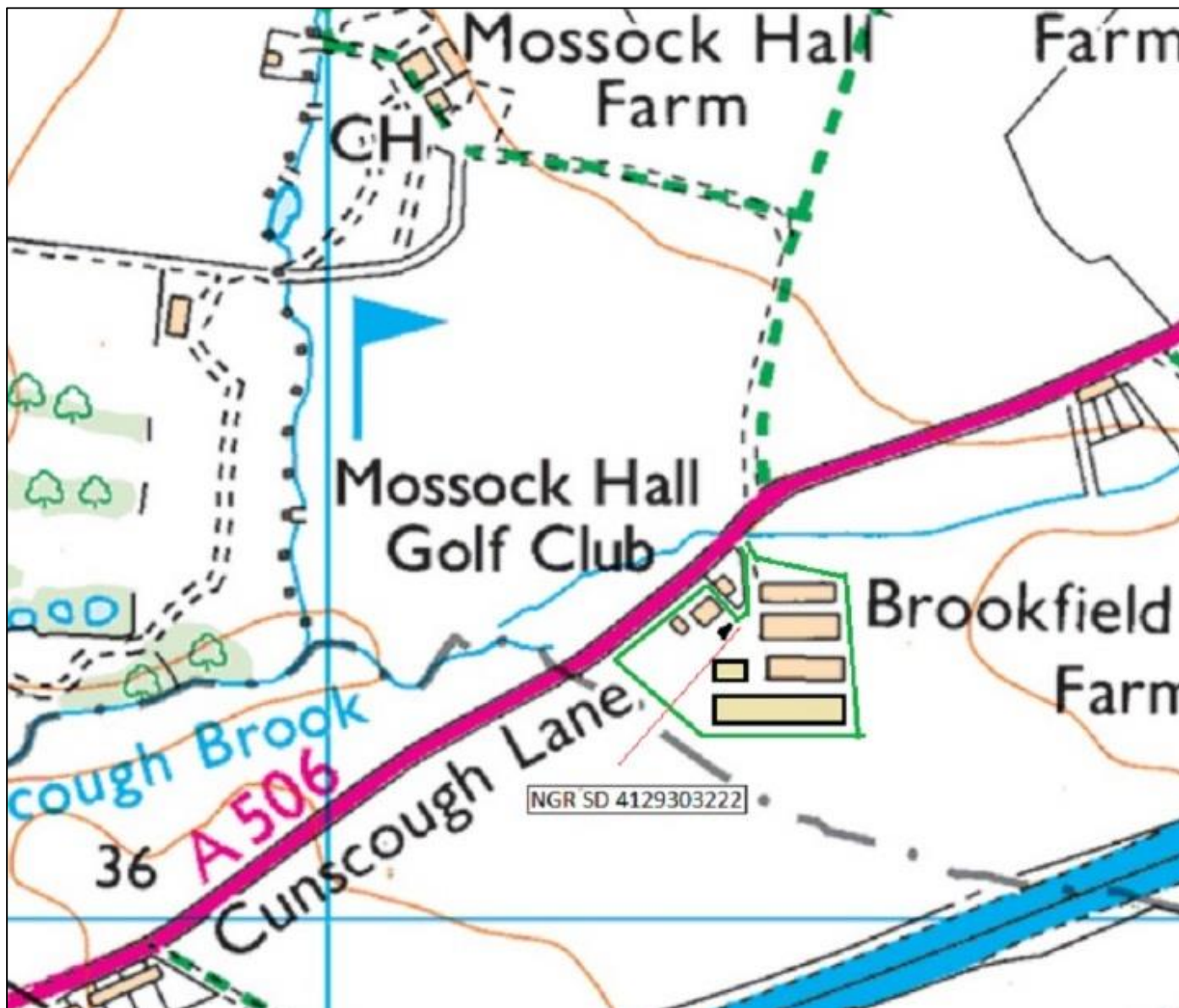
“year” means calendar year ending 31 December.

Schedule 7 – Site plan

Site Plan

The plan showing the installations boundary should always be labelled as 'Site Plan' so that it is in line with the wording in condition 2.2.1.

Brookfield House Farm



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Lower End Farm



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END OF PERMIT

Permit number
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