



Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Annyalla Chicks (UK) Broilers Limited

Ryedale Poultry Farm
Ryedale Farm
Melbourne
York
YO42 4ST

Variation application number

EPR/EP3736JQ/V004

Permit number

EPR/EP3736JQ

Ryedale Poultry Farm

Permit number EPR/EP3736JQ

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. Only the variations specified in schedule 1 are subject to a right of appeal.

This variation authorises the following changes:

An increase in the total number of broiler places by 50,000 to 250,000. There are no other changes. All of the technical standards, including housing, heating and ventilation systems and services are unchanged.

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

Ryedale Poultry Farm is situated approximately 1.3 kilometres to the south east of Melbourne in the county of North Yorkshire. The installation is approximately centred on National Grid Reference SE 76060 43021.

Ryedale Poultry Farm is operated by Annyalla Chicks (UK) Broilers Limited. It is adjacent to the Ryedale Farm Organics Recycling Facility composting site operated by Ryedale Organics Limited which is regulated under a separate environmental permit EPR/DB3701LG. The adjacent Ryedale Farm Organics Recycling Facility (EPR/DB3701LG) operated by Ryedale Organics Limited, which is regulated under a separate permit, provides storage and treatment for the waste wood used for fuel by the biomass boiler at Ryedale poultry farm. As there is a technical connection between the two sites (they share the same directly associated activity) they are considered to be a multiple operator installation. The poultry farm consists of five poultry houses.

There is a 1.1MWth Grade A waste wood boiler. This boiler is known as the poultry shed boiler (PSB) and is operated by Annyalla Chicks (UK) Broilers Limited. There is a second boiler activity operated on the adjacent Ryedale Organics site associated with the composting facility permit known as the wood chip shed boiler (WSB) which is regulated under a separate permit – EPR/DB3701LG.

The PSB is located in a dedicated shed just south of Poultry House 2. The PSB utilises Grade A pallet wood as a primary feedstock. The pallet wood consists of offcuts and reject timber from one local pallet manufacturer and is chipped and stored on the neighbouring Ryedale Organics site in a dedicated storage bay before being transferred to the PSB when required as a BSL certified chipped pallet wood fuel. Additionally, an externally sourced supply of dry G50 Roundwood Chip is available to use as feedstock in the PSB if additional feedstock is required. The G50 Roundwood Chip is stored in a shed immediately south-east of the PSB at a maximum capacity of 80 tonnes at any one time (600m³).

Ryedale Poultry Farm utilises 50% of the heat generated by the PSB for heating the poultry sheds. The other 50% is used for the drying of biomass received as whole tree chip from forestry and sides of roads from arboriculture activity and for the drying of agricultural products (wheat and maize). Approximately 50 tonnes can be dried at one time (25 tonnes per drying floor). Dried maize is stored on-site and wheat off-site within grain stores.

Birds are brought onto the farm and grown for up to 49 days after which there is a clean-down period before re-stocking. Each cycle lasts for approximately 60 days. There are therefore approximately 6.1 cycles in a 12 month period.

Poultry houses are ventilated by roof fans with an emission point approximately 5 metres above ground level and an efflux speed greater than 11 metres per second. The poultry houses have gable end fans that are used infrequently, typically during times of hot weather.

Each poultry house has fully littered floors equipped with non-leaking drinking systems. Manure is exported off-site at the end of each cycle for spreading on land owned by third parties. No manure is stored on site.

Uncontaminated yard drainage (excluding all times when yards are contaminated e.g. catching, mucking out or washing) and roof water from the poultry houses drain to a drainage ditch. Dirty wash water is exported from the Installation and spread on land owned by third parties.

The area around the site is predominantly agricultural. The surrounding topography is relatively flat and low lying. Associated feed is stored on the installation in sealed food bins. Mortalities are collected from the houses daily and stored in secure vermin proof containers on site for twice weekly collection from the site by an EA approved and licensed ABP carrier using suitably designed, leak proof and covered vehicles. At the end of the cycle the houses are depopulated, washed and disinfected ready for the next cycle.

There is one Special Areas of Conservation (SAC), one Special Protection Areas (SPA) and one Ramsar within 5km of the installation. In addition there are four Sites of Special Scientific Interest (SSSI) within 5km of the installation, and eight other nature conservation sites within 2km comprising of eight Local Wildlife Sites (LWS). An assessment of the impact of emissions has been carried out and the installation is considered to have no adverse effect on the nature conservation sites.

The installation includes combustion facilities that fall under the requirements of the Medium Combustion Plant Directive. The total thermal input capacity of such combustion units is 1.1MW.

This permit 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.

Status log of the permit		
Description	Date	Comments
Application EPR/YP3233UN/A001	Duly made 01/05/2007	
Permit determined	16/01/2008	
Variation EPR/YP3233UN/V002	Duly made 30/03/2009	
Variation determined	12/05/2009	
Variation EPR/YP3233UN/V003	Duly made 28/07/2009	
Variation determined	15/01/2010	
Application EPR/EP3736JQ/T001 (full transfer of permit EPR/YP3233UN)	Duly made 26/02/2018	Application to transfer the permit in full to Annyalla Chicks (UK) Broilers Limited.
Transfer determined EPR/EP3736JQ	08/03/2018	Full transfer of permit complete.
Application EPR/EP3736JQ/V002 (variation and consolidation)	Duly made 18/07/2018	Application to vary the permit by adding a 1.1MWth input virgin and grade 'A' waste wood biomass boiler replacing a former 0.4MWth boiler.
Variation determined EPR/EP3736JQ (billing ref: QP3237JL)	22/10/2018	Varied and consolidated permit issued to Annyalla Chicks (UK) Broilers Limited.

Status log of the permit		
Description	Date	Comments
Variation determined EPR/EP3736JQ (variation and consolidation) (billing ref: KP3404PJ)	17/05/2019	Agency initiated variation to include the multiple operator condition and amend the site plan.
Application EPR/EP3736JQ/V004 (variation and consolidation)	Duly made 30/08/2019	Application for an increase in the total number of broiler places by 50,000 to 250,000.
Additional information received	30/12/2019	Confirmation of destination of manure and dirty water and total cycle length.
Variation determined EPR/EP3736JQ (Billing reference: XP3034QG)	11/08/2020	Varied and consolidated permit issued in modern condition format.

Other Part A installation permits relating to this installation		
Operator	Permit number	Date of issue
Ryedale Farm Organics Recycling Facility	EPR/DB3701LG	26/09/03

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/EP3736JQ

Issued to

Annyalla Chicks (UK) Broilers Limited (“the operator”)

whose registered office is

**Arenbury Way
Wrexham Industrial Estate
Wrexham
LL13 9UZ**

company registration number 09878942

to operate an installation at

**Ryedale Poultry Farm
Ryedale Farm
Melbourne
York
YO42 4ST**

to the extent set out in the schedules.

The notice shall take effect from 11/08/2020.

Name	Date
Anne Lloyd	11/08/2020

Authorised on behalf of the Environment Agency

Schedule 1

The following conditions were varied as a result of the application made by the operator:

Condition 3.3.3 and 3.4.2 have been deleted as an odour management plan and noise management plan have now been incorporated as operating techniques under condition 2.3.

Table S1.1 and Table S1.2 have been amended to reflect the change to permitted poultry number and updated operating techniques.

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/EP3736JQ

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/EP3736JQ/V004 authorising,

Annyalla Chicks (UK) Broilers Limited ("the operator"),

whose registered office is

**Arenbury Way
Wrexham Industrial Estate
Wrexham
LL13 9UZ**

company registration number 09878942

to operate an installation at

**Ryedale Poultry Farm
Ryedale Farm
Melbourne
York
YO42 4ST**

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

Name	Date
Anne Lloyd	11/08/2020

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; and
- (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.

1.5 Multiple operator installations

1.5.1 Where the operator notifies the Environment Agency under condition 4.3.1 (a) or 4.3.1 (c), the operator shall also notify without delay the other operator of the installation of the same information.

2 Operations

2.1 Permitted activities

2.1.1 The only activities authorised by the permit are the 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, which is within the area edged in red on the site plan that represents the extent of the Installation covered by this permit and that of the other operator of the Installation.

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 Waste shall only be accepted if:

- (a) it is of a type and quantity listed in schedule 2 table S2.2; and
- (b) it conforms to the description in the documentation supplied by the producer and holder.

2.3.8 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.

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 and S3.2.

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.
- 3.5.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.5.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.

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;
- (b) the annual production/treatment data set out in schedule 4 table S4.2;
- (c) the performance parameters set out in schedule 4 table S4.1 using the forms specified in table S4.3 of that schedule.

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 S4.3; 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.
- 4.2.5 Within 1 month of the end of each quarter, the operator shall submit to the Environment Agency using the form made available for the purpose, the information specified on the form relating to the site and the waste accepted and removed from it during the previous quarter.

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.

4.4 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 250,000 broiler places.	From receipt of birds, raw materials and fuels onto the site to removal of birds and associated wastes from site.
Section 5.1B(a)(v) Incineration in a small waste incineration plant with an aggregate capacity of 50 kilogrammes or more per hour of wood waste – Medium Combustion Plant	Operation of one biomass boilers with an aggregated thermal rated input not exceeding 1.1 megawatts, for site heating requirements, burning grade A 'clean' recycled waste wood and virgin biomass fuel not comprising animal carcasses.	From receipt of raw materials and fuels and waste, to release of combustion products to air and associated wastes removed from site. Raw materials and fuel as specified in table S2.1. Waste types as specified in table S2.2 from a source(s) agreed in writing with the Environment Agency up to 100 tonnes at any one time. Waste shall only be grade 'A' waste wood.
Directly Associated Activity	Description of specified activity	Limits of specified activity
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Table S1.2 Operating techniques		
Description	Parts	Date Received
Application EPR/YP3233UN/A001	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.	01/05/2007
Variation application EPR/YP3233UN/V003	Entire application.	28/07/2009
Variation application EPR/EP3736JQ/V002	Part C3.5 of the application forms questions 3a and 8a.	29/03/2018
Variation application EPR/EP3736JQ/V002	Supporting documents: Biomass Plant Non-technical Summary Farming Site Issue 01 ref: RYE-FB01 dated 17/01/2018. Site Capacity Assessment Issue 01 ref: RYE-FB03 dated 16/01/2018. Biomass Plant Management System Farming Site Issue 01 ref: RYEFB02 dated 03/07/2018.	09/07/2018
Application EPR/EP3736JQ/V004	Responses to Parts C3.5 of the application form and referenced supporting documentation.	30/08/2019
Additional information requested 23/12/2019	Response to request for information confirming destination of manure and dirty water and total cycle length.	30/12/2019

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 chips or pellets comprising virgin timber, straw, miscanthus; grade A waste wood or a combination of these.

Table S2.2 Permitted waste types for use as fuel for the biomass boiler units	
Waste code	Description
03	Wastes from wood processing and the production of panels and furniture, pulp, paper and cardboard
03 01	wastes from wood processing and the production of panels and furniture
03 01 05	sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04

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
Roof fan outlets shown on site plan in Application Site Report Appendix 3 Site Layout Plan	Poultry Houses 1 to 5	---	---	---	---	---
Vent shown on site plan in Application Site Report Appendix 3 Site Layout Plan	Slurry tank	---	---	---	---	---
Exhaust shown on site plan in Application Site Report Appendix 3 Site Layout Plan	Standby Generator	---	---	---	---	---
Vent shown on site plan in Application Site Report Appendix 3 Site Layout Plan	Integrated diesel tank on generator	---	---	---	---	---
Emissions from one biomass boiler subject to MCPD shown on site plan in Schedule 7	1.1MWth grade 'A' waste wood and virgin wood biomass boiler	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	500 mg/m ³ (2)	Hourly Average	Once every 3 years	As agreed in writing by the Environment Agency (1)
		Carbon monoxide	---			
		Dust	50 mg/m ³ (2)			

Notes

- (1) All limits are defined at a temperature of 273.15 K, a pressure of 101.3 kPa and after correction for the water vapour content of the waste gases at a standardised O₂ content of 6%.
- (2) The above emission limits are for biomass fuel combustion units with aggregated thermal input capacity > 1 MW and < 5MW.

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
Drainage ditch shown on Application Site Report Appendix 4 Site Drainage Plan, EPR/YP3233UN/A001	Uncontaminated yard drainage (excluding all times yards are contaminated e.g. catching, mucking out or washing), roof water from poultry houses 1 to 5 and surrounding hardstanding	---	---	---	---	---

Table S3.3 Process monitoring requirements

Emission point reference or source or description of point of measurement	Parameter	Limit (incl. Unit)	Monitoring frequency (1)	Monitoring standard or method
Broilers in houses 1 to 5	kg N excreted/animal place/year	From 21/02/2021 0.6 kg N/animal place/year	Annually	Using a mass balance of nitrogen based on the feed intake, dietary content of crude protein, and animal performance or Estimation by using manure analysis for total nitrogen content
	kg P ₂ O ₅ excreted/animal place/year	From 21/02/2021 0.25 kg P ₂ O ₅ animal place/year	Annually	Using a mass balance of phosphorus based on the feed intake, dietary content of crude protein, total phosphorus and animal performance or Estimation by using manure analysis for total phosphorus content
Broilers in houses 1 to 5	kg NH ₃ /animal place/year	From 21/02/2021' 0.08 kg NH ₃ /animal place/year	Annually	Estimation using emission factors
Broilers in houses 1 to 5	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.

Schedule 4 – Reporting

Parameters, for which reports shall be made, in accordance with conditions of this permit, are listed below.

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
Emissions to air Parameters as required by condition 3.5.1.	PSB	Every 12 months	1 January

Table S4.2: Annual production/treatment	
Parameter	Units
-	-

Table S4.3 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	11/08/2020
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	11/08/2020
Dust atmospheric mass emission	Form Process Monitoring 1 or other form as agreed in writing by the Environment Agency	11/08/2020
Air (PSB only)	Form Air 1 or other form as agreed in writing by the Environment Agency	11/08/2020

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 2016 No.1154 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.

“*medium combustion plant*” means a combustion plant with a rated thermal input equal or greater than 1 megawatt but less than 50 megawatts

MCPD means medium combustion plant directive 2015/2193/EU of the European Parliament and of the Council on the limitation of emissions of certain pollutants into the air from medium combustion plants

“virgin timber” means timber from

- Whole trees and the woody parts of trees including branches and bark derived from forestry works, woodland management, tree surgery and other similar operations (it does not include clippings or trimmings that consist primarily of foliage);
- Virgin wood processing (e.g. wood offcuts, shavings or sawdust from sawmills) or timber product manufacture dealing in virgin timber.
- If virgin timber is mixed with waste timber or any other waste, the mixed load is classed as waste.

“MCERTS” means the Environment Agency’s Monitoring Certification Scheme.

“pests” means Birds, Vermin and Insects.

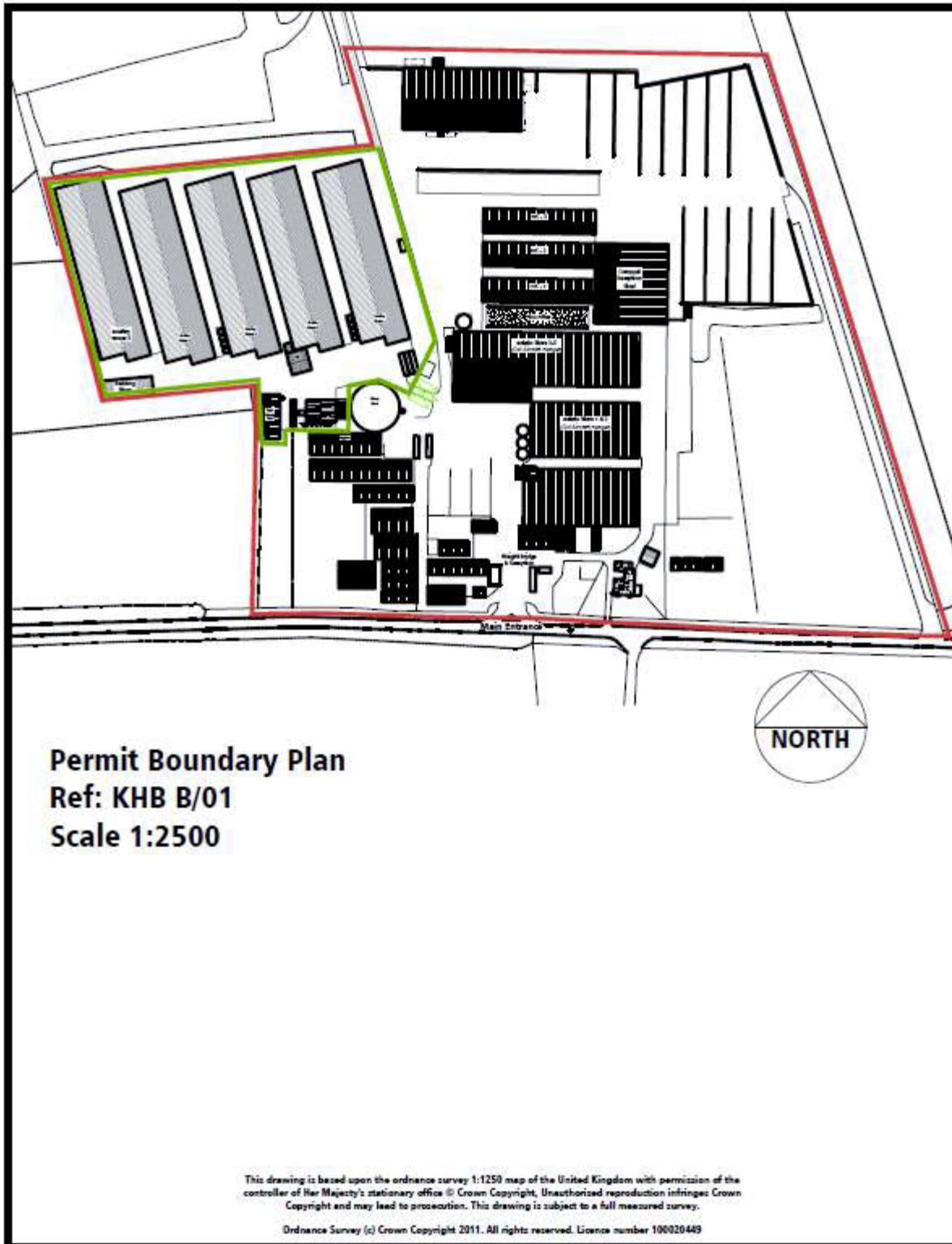
‘Waste code’ means the six digit code referable to a type of waste in accordance with the List of Wastes and in relation to hazardous waste, includes the asterisk

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

“year” means calendar year ending 31 December.

Schedule 7 – Site plan

Site plan - showing installation boundary as referred to in condition 2.2.1.



END OF PERMIT