

# Notice of variation and consolidation with introductory note

## The Environmental Permitting (England & Wales) Regulations 2016

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Annyalla Chicks (UK) Broiler Breeders Limited

Methwold Airfield Poultry Unit  
Brandon Road  
Methwold  
Thetford  
Norfolk  
IP26 4RJ

### **Variation application number**

EPR/UP3209PN/V003

### **Permit number**

EPR/UP3209PN

# Methwold Airfield Poultry Unit

## Permit number EPR/UP3209PN

### 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. All the conditions of the permit have been varied and are subject to the right of appeal.

This variation authorises the following changes:

To increase the number of broiler breeder (layers) from 80,000 to 100,000, which are mainly egg laying chickens with a small proportion of cockerels. These will be a smaller breed of broiler breeders which will allow room within the current poultry houses to stock to the higher level of 100,000 birds. This variation also includes changes to the site layout in relation to the acid scrubber locations.

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

Methwold Airfield Poultry Unit is situated approximately 1.6 kilometres southwest of the village of Methwold. The installation is approximately centred on National Grid Reference TL 72081 93499.

The installation is operated by Annyalla Chicks (UK) Broiler Breeders Limited and comprises of six poultry houses, numbered one to six and provide a combined capacity for 100,000 broiler breeder (layer) chickens. Internally each house is divided into two separate areas with nest boxes running the length of the house creating the physical barrier between the two areas. Nest boxes are single height and accessed via slatted ramps and perches placed on either side.

Pullets are brought onto the installation at around 18-19 weeks of age and then depopulated at around 58-64 weeks subject to performance and health. An average flock cycle is around 40 weeks with hen birds coming into lay at around 22 weeks of age.

All six poultry houses are ventilated via wet acid scrubbers located at the ends of each house, with 6 outlets on each. Back up ventilation is provided by roof fans with an emission point higher than 5.5 metres above ground level and an efflux speed of 11 metres per second, which will only be operated in the event of the acid scrubbers failing, or very infrequently as additional ventilation during times of extreme hot weather for temperature control. All six houses also have gable end fans, although these are also only to be operated as a contingency measure should the acid scrubbers fail, or very infrequently in extreme hot weather for temperature control.

Feed is delivered from an accredited feed mill and is delivered in purpose-built feed tankers and blown into the bulk silos via close fitting connecting pipes. It is then dispensed to the birds via track feeders (females) or pan feeders (males) served from automated feed transport lines running between the silo and houses via enclosed weighing equipment. Dust is kept to a minimum during this process and any accidental spillages are dealt with in accordance with site management procedures.

Mortalities are removed and numbers recorded on a daily basis and stored in sealed locked vermin proof containers and are collected weekly by an approved contractor.

Litter is not stored on site. Litter is loaded onto covered Lorries for spreading to operator-controlled land in accordance with the Code of Good Agricultural Practice (COGAP) and the Manure Management Plan for the receiving land or to electricity stations for burning.

Yard surface water from the yard areas to the north and east of the poultry houses drains via gulleys to a diverter valve which ensures that clean water is diverted to the attenuation pond during the normal operating

period (excluding all times the yards are contaminated such as during catching, mucking out or washing), and any contaminated water is diverted to an underground dirty water collection tank. During wash down, raised kerbing and gullies at the front of the houses catch the dirty water and drain it directly into the underground dirty water collection tank. Dirty water from the acid scrubber units, wheel wash and dead stock storage area, also drains to the underground dirty water collection tank. Dirty water is removed by tanker and spread to Operator controlled land as per COGAP.

The poultry houses have no guttering. Instead, roof water runs directly from the poultry houses into the stone drains acting as soakaways under the eaves of each house. Each stone drain contains a perforated drainage pipe taking the collected water and allowing percolation to ground, and these drains are also connected to pipework draining to an attenuation pond sited in the south-east corner of the farm, which takes excess water during storm events. As rainfall subsides, the excess water can partially flow back into the nearest stone drain or soakaway within the pond itself.

The fuel storage tank for the emergency backup generator is bunded to 110% of the tank capacity. The bund meets the requirements of the Water Resources (Control of Pollution) (Silage, Slurry and Agricultural Fuel Oil) Regulations 2010 (SSAFO Regulations) as well as the requirements outlined in SGN EPR6.09 'How to comply with your environmental permit for intensive farming. The tank is sited off the main traffic route and protected from collision. The sulphuric acid tanks within each wet acid scrubber unit are compliant with CIRIA C736 guidance and the tanks are bunded with at least 110% capacity of the tank volume.

The land around the site is predominantly agricultural. The surrounding topography is relatively flat and low lying.

There is one Special Area of Conservation (SAC), one Special Protection Area (SPA) and four Sites of Special Scientific Interest (SSSI) within 5km of the installation. In addition, there is one Local Wildlife Site (LWS) within 2km. 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 houses are constructed to comply with the latest BAT Conclusions.

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.

<b>Status log of the permit</b>		
<b>Description</b>	<b>Date</b>	<b>Comments</b>
Application received EPR/UP3209PN/V003	Duly made 23/01/2018	Application for an intensive farming poultry installation permit.
Permit determined EPR/ZP3936YE	15/03/2018	Permit issued to Nova Farming Limited.
Application EPR/UP3232QM/T001 (full transfer of permit EPR/ZP3936YE)	Duly made 10/10/2018	Application to transfer the permit in full to J. W. Spencer Farms Limited.
Transfer determined EPR/UP3232QM	04/12/2018	Full transfer of permit complete.
Application EPR/UP3209PN/T001 (full transfer of permit EPR/UP3232QM)	Duly made 26/02/2019	Application to transfer the permit in full to Annyalla Chicks (UK) Broiler Breeders Limited.
Transfer determined EPR/UP3209PN	24/05/2019	Full transfer of permit complete.

<b>Status log of the permit</b>		
<b>Description</b>	<b>Date</b>	<b>Comments</b>
Application EPR/UP3209PN/V002 (variation and consolidation)	Duly made 16/10/2019	Application to vary and update the permit to modern conditions.
Schedule 5 Notice issued 30/01/2020	Response received 02/03/2020	Clarification of wet acid scrubber operation.
2 <sup>nd</sup> Schedule 5 Notice issued 23/03/2020	Response received 28/04/2020	Further clarification of wet acid scrubber operation.
Additional information requested 31/07/2020	04/08/2020 & 05/08/2020	Further clarification of site drainage and wet acid scrubber operation.
Variation determined EPR/UP3209PN (Billing reference: YP3204PK)	17/08/2020	Varied and consolidated permit issued in modern condition format.
Application EPR/UP3209PN/V003 (variation and consolidation)	Duly made 01/11/2023	Variation application submitted to increase to 100,000 broiler breeders.
Additional information requested 11/12/2023	11/12/2023	Confirmation on standby generator net thermal input and testing.
Variation determined EPR/UP3209PN (Billing reference: YP3204PK)	23/05/2024	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/UP3209PN

### Issued to

**Annyalla Chicks (UK) Broiler Breeders Limited** (“the operator”)

whose registered office is

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

company registration number **09878896**

to operate an installation at

**Methwold Airfield Poultry Unit  
Brandon Road  
Methwold  
Thetford  
Norfolk  
IP26 4RJ**

to the extent set out in the schedules.

The notice shall take effect from 23/05/2024.

Name	Date
<b>Rebecca Warren</b>	<b>23/05/2024</b>

Authorised on behalf of the Environment Agency

## **Schedule 1**

All conditions have been varied by the consolidated permit EPR/UP3209PN/V003 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/UP3209PN**

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/UP3209PN/V003 authorising,

**Annyalla Chicks (UK) Broiler Breeders Limited** ("the operator"),

whose registered office is

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

company registration number **09878896**

to operate an installation at

**Methwold Airfield Poultry Unit  
Brandon Road  
Methwold  
Thetford  
Norfolk  
IP26 4RJ**

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

Name	Date
<b>Rebecca Warren</b>	<b>23/05/2024</b>

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.

## 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.

## **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 phosphorus 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 operations specified in schedule 1 table S1.4 shall not commence until the measures specified in that table 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 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.
- 3.3.2 The operator shall:
- (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to odour, submit to the Environment Agency for approval within the period specified, an odour management plan which identifies and minimises the risks of pollution from odour; and
  - (b) implement the approved odour management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

### **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.

3.4.2 The operator shall:

- (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to noise and vibration, submit to the Environment Agency for approval within the period specified, a noise and vibration management plan which identifies and minimises the risks of pollution from noise and vibration; and
- (b) implement the approved noise and vibration management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

## **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.

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 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

<b>Table S1.1 Activities</b>		
<b>Activity listed in Schedule 1 of the EP Regulations</b>	<b>Description of specified activity</b>	<b>Limits of specified activity</b>
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 100,000 broiler breeder (layer) places.	From receipt of birds, raw materials and fuels onto the site to removal of birds and associated wastes from site.
<b>Directly Associated Activity</b>	<b>Description of specified activity</b>	<b>Limits of specified activity</b>
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<b>Table S1.2 Operating techniques</b>		
<b>Description</b>	<b>Parts</b>	<b>Date Received</b>
Application EPR/ZP3936YE/A001	Application Form Part B3.5: questions 3a and 8a.	20/11/2017
Application EPR/ZP3936YE/A001	Confirmation that the farm will be operated in accordance with the new BAT conclusions.	20/11/2017 & 23/01/2018
Application EPR/UP3209PN/V002	Responses to application form C3.5 and referenced supporting documentation.	Duly made 16/10/2019
Responses to Schedule 5 Notice issued 30/01/2020	Responses to request for further information, clarifying the wet acid scrubber details and operation, including the following documents: Revised Site Drainage Plan (reference MA 001.1 , V.02 27.02.20) Revised Site Condition Report (reference MA 002, V.02 27.02.20) VentMax Scrubber Process Flow Diagram (reference MA 014.4) VentMax 1200 Scrubber Data Sheet (reference MA 014.5) Preliminary Screening Results Table (reference MA 014.6)	02/03/2020
Responses to 2 <sup>nd</sup> Schedule 5 Notice issued 24/03/2020	Responses to request for further information, clarifying further the wet acid scrubber details and operation, including the following documents: Schedule 5 Notice 2020-03-24 - Response 24.04.20 Revised Ammonia Emissions Management Plan (reference MA 014.3, V.03 24.04.20) Air Scrubbing Techniques for Ammonia and Odour Reduction at Livestock Operations (Melse and Ogink, reference MA 014.7) DLG Test Certificate and Report 6260 Inno+B.V (reference MA 014.8)	28/04/2020
Additional information requested 31/07/2020	Response to request for information clarifying site drainage and confirmation that all 6 wet acid scrubber units will be utilised at all times during normal operation of the broiler breeder unit, from placement of birds at the start of the cycle, and as soon as possible should any fail to function during the cycle.	04/08/2020 & 05/08/2020

Application EPR/UP3209PN/V003 (variation and consolidation)	Responses to Part C3.5 of the application form and referenced supporting documentation.  Additional information received in response to not duly made request for information including acid scrubber details and monitoring data and receipt of the following documents:  Dust and bioaerosol management plan Site layout plan	01/11/2023
Additional information requested 11/12/2023	Confirmation on standby generator net thermal input and testing.	11/12/2023

<b>Table S1.3 Improvement programme requirements</b>		
<b>Reference</b>	<b>Requirement</b>	<b>Date</b>
IC1	<p>a) After the wet acid scrubber abatement system has been operational for 12 months, the Operator shall undertake a review of the ammonia monitoring results at the installation, required as evidence that a reduction of at least 78% of ammonia emissions, based on the standard broiler breeder emission factor of 0.21 kg NH<sub>3</sub>/animal place/year, has been achieved, and provide a report detailing the results of the monitoring trials within 1 calendar month of that date.</p> <p>b) If the ammonia monitoring results do not indicate a reduction of at least 78% of ammonia emissions based on the standard broiler breeder emission factor of 0.21 kg NH<sub>3</sub>/animal place/year then the Operator shall submit a report in writing, including a timescale, to be agreed in writing by the Environment Agency, for the implementation of alternative mitigation measures to achieve the required reduction in ammonia emissions, or for the reduction in livestock to achieve the equivalent reduction in ammonia emissions.</p> <p>c) The Operator shall undertake the agreed measures to the agreed timescales detailed in the report submitted for IC1 (b).</p>	Completed 22/05/2024

<b>Table S1.4 Pre-operational measures</b>		
<b>Reference</b>	<b>Pre-operational measures</b>	
PO1	<p>At least 1 calendar month prior to the installation of ammonia monitoring equipment for monitoring ammonia emissions from the wet acid scrubber units the Operator shall submit a written report for approval to the Environment Agency, which details the ammonia monitoring programme, including details of types and locations of sensors.</p> <p>The report shall also include, but not be limited to:</p> <ul style="list-style-type: none"> <li>any relevant standards used for the monitoring, and sampling and analysis methodologies used to obtain the data</li> <li>monitoring covering a minimum of 12 months of operation with broiler breeder (layer) chickens.</li> <li>an assessment of the actual operating hours for each scrubber over the 12 month period.</li> </ul> <p>Operation of the installation with broiler breeders shall not commence until the Environment Agency agrees in writing this pre-operational condition report.</p>	Completed 24/06/2021

## Schedule 2 – Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels	
Raw materials and fuel description	Specification
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## 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
Fan outlets from wet acid air scrubber units on poultry houses 1 to 6 as shown on the site layout plan (reference 2018-047, received 01/11/2023) in application EPR/UP3209PN/V003	Poultry houses 1 to 6	---	---	---	---	---
High velocity roof fan outlets* on poultry houses 1 to 6 as shown on the site layout plan (reference 2018-047, received 01/11/2023) in application EPR/UP3209PN/V003	Poultry houses 1 to 6	---	---	---	---	---
Gable end fan outlets* on poultry houses 1 to 6 on the site layout plan (reference 2018-047, received 01/11/2023) in application EPR/UP3209PN/V003	Poultry houses 1 to 6	---	---	---	---	---
Exhaust from standby generator as shown on the site layout plan (reference 2018-047, received 01/11/2023) in application EPR/UP3209PN/V003	Standby generator	---	---	---	---	---
Vent from diesel tank as shown on the site layout plan (reference 2018-047, received 01/11/2023) in application EPR/UP3209PN/V003	Standby generator fuel tank	---	---	---	---	---

\* high velocity roof fans and gable end fans only in use as temporary contingency measures should wet acid scrubber unit(s) fail to operate, and for infrequent temperature control in times of extreme hot weather

**Table S3.2 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements**

<b>Emission point ref. &amp; location</b>	<b>Source</b>	<b>Parameter</b>	<b>Limit (incl. unit)</b>	<b>Reference Period</b>	<b>Monitoring frequency</b>	<b>Monitoring standard or method</b>
Stone drains acting as soakaways running along the long sides of poultry houses 1 to 6, as shown on the site layout plan (reference 2018-047, received 01/11/2023) in application EPR/UP3209PN/V003	Roof water from poultry houses 1 to 6	---	---	---	---	---
Attenuation pond to southeast of Installation acting as a soakaway as shown on the site layout plan (reference 2018-047, received 01/11/2023) in application EPR/UP3209PN/V003	Roof water from poultry houses 1 to 6 and water draining from yard (excluding all times yards are contaminated e.g. catching, mucking out or washing)	---	---	---	---	---

**Table S3.3 Process monitoring requirements**

<b>Emission point reference or source or description of point of measurement</b>	<b>Parameter</b>	<b>Limit (incl. Unit)</b>	<b>Monitoring frequency</b>	<b>Monitoring standard or method</b>
Broiler breeder (layers) in poultry houses 1 to 6	Ammonia	n/a	Annually	Estimation using emission factors
Broiler breeder (layers) in poultry houses 1 to 6	Dust	n/a	Annually	Estimation using emission factors

# Schedule 4 – Reporting

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

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

<b>Table S4.2 Reporting forms</b>		
<b>Media/parameter</b>	<b>Reporting format</b>	<b>Date of form</b>
kg NH <sub>3</sub> /animal place/year	Form Process Monitoring 1 or other form as agreed in writing by the Environment Agency	17/08/2020
Dust atmospheric mass emission	Form Process Monitoring 1 or other form as agreed in writing by the Environment Agency	17/08/2020

# 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	

<b>(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</b>	
<b>To be notified within 24 hours of detection</b>	
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>(b) Notification requirements for the breach of a limit</b>	
<b>To be notified within 24 hours of detection</b>	
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	

<b>Time periods for notification following detection of a breach of a limit</b>	
<b>Parameter</b>	<b>Notification period</b>

<b>(c) Notification requirements for the breach of permit conditions not related to limits</b>	
To be notified within 24 hours of detection	
Condition breached	
Date, time and duration of breach	
Details of the permit breach i.e. what happened including impacts observed.	
Measures taken, or intended to be taken, to restore permit compliance.	

<b>(d) Notification requirements for the detection of any significant adverse environmental effect</b>	
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.

“Existing housing” means housing that is not defined as new housing.

“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, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

“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.

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

“pests” means Birds, Vermin and Insects.

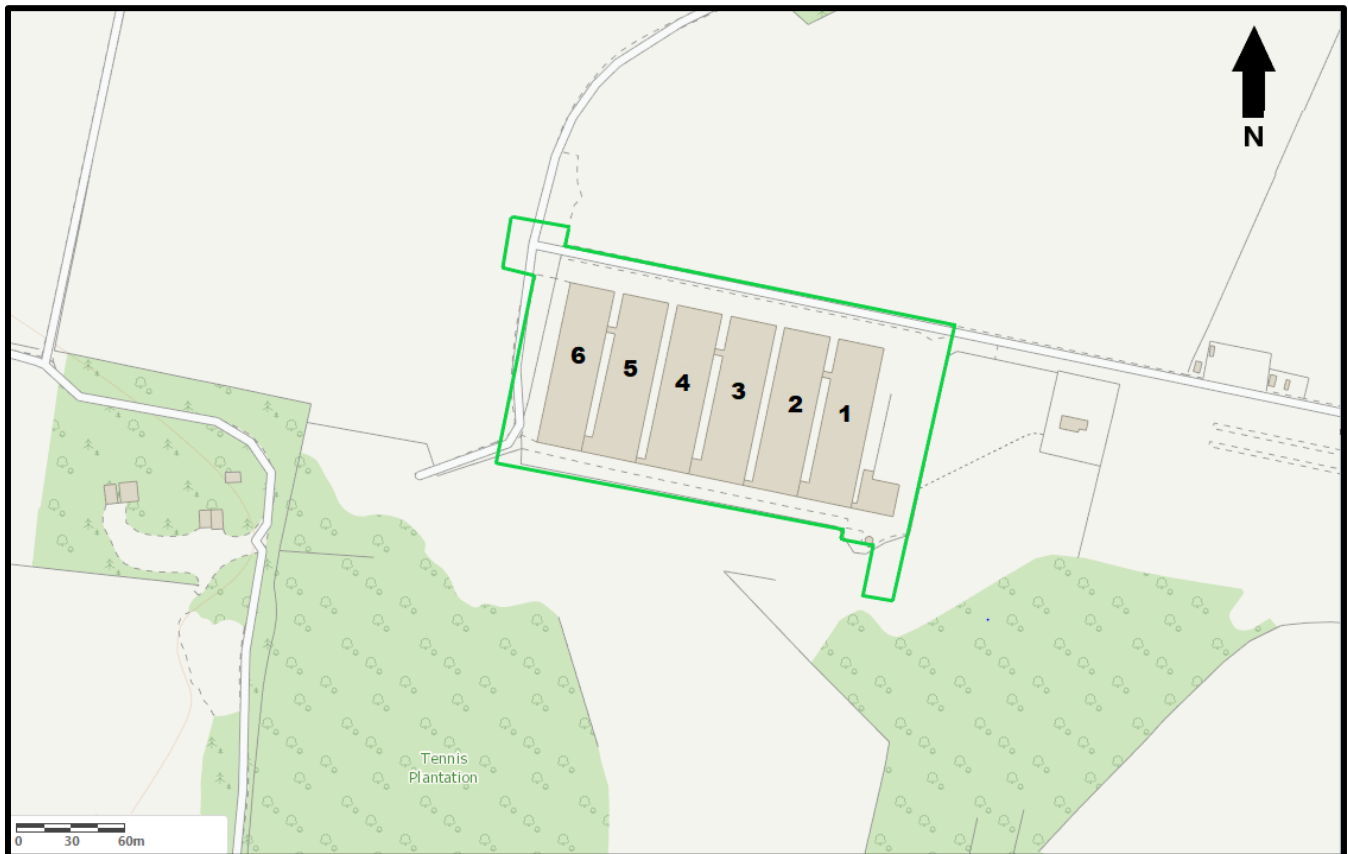
“Waste code” means the six digit code referable to a type of waste in accordance with the List of Wastes and in relation to hazardous waste, includes the asterisk

“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.



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END OF PERMIT