

# Notice of variation and consolidation with introductory note

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

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Hook 2 Sisters Limited  
Haveringland Poultry Unit  
Locks Farm  
School Road  
Haveringland  
Norfolk  
NR10 4QE

### **Variation application number**

EPR/VP3232YZ/V003

### **Permit number**

EPR/VP3232YZ

# Haveringland Poultry Unit

## Permit number EPR/VP3232YZ

### 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:

- Change in operation to rear 396,000 broilers and no longer rear turkeys (previously permitted for 391,605 but currently stocking 200,000 turkeys)
- Houses numbered 1 – 11 rebuilt on the pads of existing houses, including installation of high velocity roof fans and gable end fans (formerly numbered 16 – 10 and 6 – 3 in original permit)
- New house number 12 built with high velocity roof fans and gable end fans (replacing 2 houses being demolished, formerly numbered 1 and 2)
- Demolish 6 disused poultry houses (formerly numbered 7 – 9 and 18 – 21)
- Converting one old house to a chemical store (formerly numbered 17)

We have reviewed the rebuilt and new housing introduced with the permit variation for this installation against the best available techniques (BAT) conclusions as defined in the intensive rearing of poultry or pigs (IRPP) BAT conclusions document, dated 21/02/17. The permit conditions and schedules ensure the compliance of the rebuilt and new housing with this BAT conclusions document.

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

Haveringland Poultry Unit is situated approximately two kilometres northeast of the village of Swannington in Norfolk. The installation is approximately centred on National Grid Reference TG 15483 20699.

The installation is operated by Hook 2 Sisters Limited and comprises of twelve poultry houses, numbered one to twelve, which operate a barn reared system for broiler chickens. The poultry houses provide a combined capacity for 396,000 bird places. Day old birds are placed in each house and at 35 days a proportion of the birds are removed for slaughter, with the remaining birds being processed by around 41/42 days of age. On average there are 7 crops per annum with a turnaround of 5-7 days between crops.

All poultry houses are ventilated by roof fans with an emission point higher than 5.5 metres above ground level and an efflux speed at or greater than 9 metres per second. In addition, each poultry house has gable end fans, although these are used infrequently to provide additional cooling at times of extreme hot weather.

The poultry houses are heated by LPG fuelled space heaters. There is a standby generator with a thermal input capacity of 0.65MWth, which is tested for no more than 52 hours per annum and used only for emergency power supply if mains power is interrupted and for no more than 500 hours per annum, including testing, averaged over 3 years.

At the end of the cycle the houses are depopulated, washed and disinfected ready for the next cycle. No manure is stored within the installation boundary. All manure is exported from the installation and is spread on third party controlled land with some sold for power generation. Water from the wash out of poultry houses and contaminated yard water drains to underground collection tanks to await export off site and then spread on land controlled by a third party. Roof water from poultry houses 8 – 12 and water draining from the

yard areas (excluding all times yards are contaminated e.g. catching, mucking out or washing) drains to soakaways adjacent to houses 8 and 11, and north of house 8 (close to gas site 2). Roof water from all twelve poultry houses and water draining from the yard areas (excluding all times yards are contaminated e.g. catching, mucking out or washing) drains to a lined lagoon, acting as an attenuation pond, present within the installation boundary, and then an overflow outlet drains to a ditch to the north of the installation boundary, which ultimately drains to Haveringland Lake to the north.

The land around the site is predominantly agricultural and woodland, with the surrounding topography gently sloping and low lying. Associated food is stored on the installation in sealed food bins. Mortalities are collected daily and stored in purpose built containers on site for removal in accordance with the current Animal By Products Regulations.

There are two Special Areas of Conservation (SAC) and six Sites of Special Scientific Interest (SSSI) within 5km of the installation, and six other nature conservation sites within 2km comprising of five Local Wildlife Sites (LWS) and one ancient woodland. 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, with the exception of the two SACs and one LWS, where the impacts exceed our thresholds but this variation will reduce the impacts and in addition satisfy improvement condition 5 (IC5) for Norfolk Valley Fens SAC, and we have agreed this as acceptable.

The site is subject to a Climate Change Levy Agreement.

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/RP3434LM/A001	Duly made 05/01/2007	Application for an intensive farming poultry installation permit.
Schedule 4 Notice Request	15/05/2007	Response received 29/05/07
Request for Information	15/05/2007	Response received 30/05/07
Schedule 4 Notice Request	05/06/2007	Response received 18/06/07
Permit determined	09/04/2008	Permit issued to Bernard Matthews Foods Limited.
Agency Variation Ref: Let2/MG	08/08/2008	Agency initiated variation issued to amend ammonia emission reduction improvement conditions IC5 and IC6 and remove IC1.
Agency Variation EPR/RP3434LM/V002	09/08/2011	Agency initiated variation to remove ammonia emission reduction improvement conditions IC5 and IC6.
Variation Notice EPR/RP3434LM/V002 issued	19/09/2011	Agency initiated variation issued.
Agency Variation EPR/RP3434LM/V003	12/10/2011	Agency initiated variation to reinstate ammonia emission reduction improvement condition IC5, removed in error in variation EPR/RP3434LM/V002.
Variation Notice EPR/RP3434LM/V003 issued	31/10/2011	Agency initiated variation issued.
Application EPR/YP3837DW/T001	Duly made 05/12/2016	Application to transfer the permit in full to Bernard Matthews Foods Limited.

Status log of the permit		
Description	Date	Comments
Transfer determined EPR/YP3837DW	21/12/2016	Full transfer of permit complete.
Application EPR/VP3232YZ/T001 (full transfer of permit EPR/YP3837DW)	Duly made 26/04/2017	Application to transfer the permit in full to Hook 2 Sisters Limited.
Transfer determined EPR/VP3232YZ	14/06/2017	Full transfer of permit complete.
Variation determined EPR/VP3232YZ/V002	20/01/2021	Environment Agency initiated variation for Intensive Farming BAT compliance permit review
Application received EPR/VP3232YZ/V003	Duly made 16/08/2024	Application to vary the permit to stock 396,000 broiler chickens and no longer stock turkeys, rebuild 12 of the 21 poultry houses including installing high velocity roof fans and gable end fans, demolish the remaining 9 poultry houses and update the permit to modern conditions.
Additional information requested 10/09/2024	10/09/2024	Request for further ammonia modelling data for audit.
Additional information requested 18/09/2024	23/09/2024 & 24/09/2024	Request for revised modelling report and modelling data files.
Additional information requested 26/09/2024	08/10/2024, 17/10/2024, 18/10/2024 and 29/10/2024	Clarification of poultry houses, ventilation, Site condition report, site drainage, odour management, noise management, dust and bioaerosol management, manure management and Climate Change Levy Agreement, and receipt of revised and new application supporting documents.
Variation determined EPR/VP3232YZ	30/10/2024	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/VP3232YZ

### Issued to

**Hook 2 Sisters Limited** (“the operator”)

whose registered office is

**Cote**

**Bampton**

**Oxfordshire**

**OX18 2EG**

company registration number 05969169

to operate an installation at

**Haveringland Poultry Unit**

**Locks Farm**

**School Road**

**Haveringland**

**Norfolk**

**NR10 4QE**

to the extent set out in the schedules.

The notice shall take effect from 30/10/2024

Name	Date
<b>Rachel Robinson</b>	<b>30/10/2024</b>

Authorised on behalf of the Environment Agency

## **Schedule 1**

All conditions have been varied by the consolidated permit EPR/VP3232YZ 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/VP3232YZ**

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/VP3232YZ/V003 authorising,

**Hook 2 Sisters Limited** (“the operator”),

whose registered office is

**Cote  
Bampton  
Oxfordshire  
OX18 2EG**

company registration number 05969169

to operate an installation at

**Haveringland Poultry Unit  
Locks Farm  
School Road  
Haveringland  
Norfolk  
NR10 4QE**

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

Name	Date
<b>Rachel Robinson</b>	<b>30/10/2024</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.

## **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.

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.
- 4.3.7 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

<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 396,000 broiler 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/RP3434LM/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.	05/01/2007
Schedule 4 Notice Request dated 15/05/07	Response to Schedule 4 detailing the installation boundary, the usage of raw materials and the presence of an oil tank within the installation.	30/05/2007
Additional information requested 15/05/2007	Response to Request for Information confirming the installation boundary	30/05/2007
Response to Schedule 4 Notice dated 05/06/2007	Response to Schedule 4 requesting the submission of an Assessment of Environmental Impacts.	18/06/2007
Application EPR/VP3232YZ/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 confirmation of compliance with all relevant best available techniques (BAT) conclusions as defined in the intensive rearing of poultry or pigs (IRPP) BAT conclusions document, dated 21/02/17.	16/08/2024
Additional information requested 26/09/2024	Response to Request For Further Information clarifying poultry houses, ventilation, site condition, site drainage, odour management, noise management, dust and bioaerosol management, manure management and Climate Change Levy Agreement, and receipt of revised and new application supporting documents as follows:  Revised Odour Management Plan Revised Noise Management Plan Revised Dust and Bioaerosol Management Plan Revised Supporting Documents Revised Technical Standards Revised Site Map Revised Site Plan Zoom Site Condition Report	08/10/2024, 17/10/2024, 18/10/2024 and 29/10/2024

**Table S1.3 Improvement programme requirements**

Reference	Requirement	Date
IC1	<p>The operator shall provide written proposals to reduce the emission from Haveringland Poultry Unit by 59% or such other measures that provide an equivalent reduction in the expected ammonia concentration in air at Norfolk Valley Fens SAC as an annual average. The proposals should include timescales for implementation not exceeding 12 months</p> <p>The proposals shall be implemented by the operator from the date of approval in writing by the Environment Agency, subject to such amendments, timescales or additions as notified by the Environment Agency.</p>	Removed 08/08/2008
IC2	<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 26/03/2009
IC3	<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 &amp; 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 26/03/2009
IC4	<p>The Operator shall ensure that methods are implemented to prevent, or where that is not practicable minimise, the potential for diffuse pollution from the foodstuff storage vessels by ensuring they are protected from collision damage.</p>	Completed 26/03/2009
IC5	<p>The operator shall submit a written Emission Reduction Plan to the Agency for approval containing proposals that reduce the emission from the permitted installation so that the contribution to the ammonia concentration in air at the wildlife site known as Norfolk Valley Fens (UK0012892) is no more than 0.13µg/m<sup>3</sup> as an annual average.</p> <p>The Emission Reduction Plan shall contain timescales for the implementation of the individual measures proposed which shall be within 2 years of the plan being approved in writing by the Environment Agency.</p>	30/10/2024
IC6	<p>The operator shall submit a written Emission Reduction Plan to the Agency for approval containing proposals that reduce the emission from the permitted installation so that the contribution to the ammonia concentration in air at the wildlife site known as Swannington Upgate Common (1001786) is no more than 0.3µg/m<sup>3</sup> as an annual average.</p> <p>The Emission Reduction Plan shall contain timescales for the implementation of the individual measures proposed which shall be by 30 October 2011 at the latest.</p>	Removed 19/09/2011

## 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
High velocity roof fan outlets on poultry houses 1 - 12 shown on the site plan in schedule 7	Poultry houses 1 - 12	---	---	---	---	---
Gable end fan outlets on poultry houses 1 – 12 as shown on the site plan in schedule 7	Poultry houses 1 - 12	---	---	---	---	---
Exhaust from standby generator as shown on the revised site plan referenced 'Haveringland Site Plan Zoom 29.10.2024' received 29/10/2024 in support of application EPR/VP3232YZ/V003	Standby Generator	---	---	---	---	---
Vent from oil tank as shown on the revised site plan referenced 'Haveringland Site Plan Zoom 29.10.2024' received 29/10/2024 in support of application EPR/VP3232YZ/V003	Diesel tank	---	---	---	---	---

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
Soakaways adjacent to houses 8 and 11 and north of gas site 2 as indicated on the revised site plan referenced 'Haveringland Site Plan Zoom 29.10.2024' received 29/10/2024 in support of application EPR/VP3232YZ/V003	Roof water from poultry houses 8 - 12 and water draining from yard (excluding all times yards are contaminated e.g. catching, mucking out or washing)	---	---	---	---	---
Outlets to lagoon, acting as an attenuation pond, to the north of poultry houses 4 and 5 as	Roof water from poultry houses 1 - 12 and water draining from	---	---	---	---	---

**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
indicated on the revised site plan referenced 'Haveringland Site Plan Zoom 29.10.2024' received 29/10/2024 in support of application EPR/VP3232YZ/V003	yard (excluding all times yards are contaminated e.g. catching, mucking out or washing)					
Outlet to ditch to the north of the installation boundary, as indicated on the revised site plan referenced 'Haveringland Site Plan Zoom 29.10.2024' received 29/10/2024 in support of application EPR/VP3232YZ/V003 which ultimately drains to Haveringland Lake	Roof water from poultry houses 1 - 12 and water draining from yard (excluding all times yards are contaminated e.g. catching, mucking out or washing) via lagoon acting as an attenuation pond	---	---	---	---	---

**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 - 12	kg N excreted/animal place/year	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
	kg P <sub>2</sub> O <sub>5</sub> excreted/animal place/year	0.25 kg P <sub>2</sub> O <sub>5</sub> 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
	kg NH <sub>3</sub> /animal place/year	0.08 kg NH <sub>3</sub> /animal place/year	Annually	Estimation using emission factors
	Dust	n/a	Annually	Estimation using emission factors

## Schedule 4 – Reporting

<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	30/10/2024
kg N excreted/animal place/year	Form Process Monitoring 1 or other form as agreed in writing by the Environment Agency	30/10/2024
kg P <sub>2</sub> O <sub>5</sub> excreted/animal place/year	Form Process Monitoring 1 or other form as agreed in writing by the Environment Agency	30/10/2024
Dust atmospheric mass emission	Form Process Monitoring 1 or other form as agreed in writing by the Environment Agency	30/10/2024

# 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.

“New housing” means housing first permitted at the installation following the publication of the intensive rearing of poultry or pigs (IRPP) best available techniques (BAT) conclusions document dated 21/02/17, or a complete replacement of existing housing after 21/02/17.

“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