

Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Richland Foods Limited
Pengwedna Poultry Farm
Nancegollan
Helston
Cornwall
TR13 0AZ

Permit number

EPR/QP3835YS

Pengwedna Poultry Farm

Permit number EPR/QP3835YS

Introductory note

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

The main features of the permit are as follows.

Pengwedna Poultry Farm is situated approximately 335 metres west of the village of Nancegollan in Helston, Cornwall. The installation is approximately centred on National Grid Reference SW 62814 31980.

The installation is operated by Richland Foods Limited and comprises four poultry houses, numbered one to four, which operate a multi-tier aviary system for free range laying hens. The four poultry houses provide a combined capacity for 112,000 bird places. Free range laying hens are brought onto the farm at approximately 16 weeks old and remain for approximately 56 weeks, and are therefore depopulated at approximately 72 weeks of age, after the laying cycle has finished. Following depopulation, the houses are cleaned out and left empty over a period of approximately 4 weeks before the next cycle commences.

All four poultry houses are ventilated by roof fans with an emission point higher than 5.5 metres above ground level and an efflux speed greater than 11 metres per second, with roof vent inlets.

A quantity of manure is removed by belts from the poultry houses twice weekly, loaded on to trailers and exported off site, with the remaining litter on the floor removed during clean out at the end of the cycle. At the end of the cycle the houses are depopulated, washed and disinfected ready for the next cycle. Water from the wash out of poultry houses is channelled to underground collection tanks close to the houses to await export off site, and is subsequently sent to a water treatment facility. All manure is exported from the installation and sent for composting, with contingency arrangements in place to either send it to an anaerobic digester plant when required or spread on land owned by the operator or third parties. The areas adjacent to sides of the houses with pop holes have a layer of woodchip/bark spread to collect any droppings in the area, and this is inspected daily to determine whether areas need replacing or replenishing. The area is fully cleared and replaced with fresh woodchip/bark every three months, with the waste bark loaded onto trailers and exported off site to the composting facility. Poultry house roof water and water draining from the yard areas (excluding periods of washout when water from the yard drains to the underground collection tanks) drain to nearby stone-filled below ground trenches constructed to act as soakaways. The ranging areas are grassed, which act as soakaways, and also have trees and shrubs planted which aid in surface water management. At times of excessive rainfall, the run-off from the ranging areas is minimised by the strategic landscaping and tree and shrub planting, and a containment bund constructed along the installation's northern and western boundaries.

The land around the site is predominantly agricultural, consisting of arable, grassland and other farming enterprises. The site is at an altitude of between 85 – 100 m and the land slopes down towards the valley formed by the River Hayle to the west-northwest. Associated feed is stored on the installation in enclosed, purpose-built feed bins. Mortalities are collected daily and stored in a locked freezer on site prior to disposal and then removed by a licensed individual twice a month, in accordance with Animal By-Products Regulations.

There is one Special Area of Conservation (SAC) and four Sites of Special Scientific Interest (SSSI) within 5km of the installation, and three other nature conservation sites within 2km, all of which are Local Wildlife Sites (LWS). An assessment of the likely impact of the installation has been carried out. The installation is considered unlikely to have significant and/or damaging effects on these nature conservation sites.

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

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

Status log of the permit		
Description	Date	Comments
Application EPR/QP3835YS/A001	Duly made 15/09/17	<p>Application for an intensive farming poultry installation permit.</p> <p>Responses to Not Duly Made Requests for Further Information:</p> <p>1st Not Duly Made Request for Further Information sent 04/08/17 (response received 03/09/17), responses relating to site layout and drainage, installation name, address and boundary, ammonia and odour modelling and Best Available Techniques (BAT) Conclusions compliance, heating, odour and noise management, technical standards, chemical storage and manure management and including receipt of the following documents:</p> <p>Revised introductory summary Revised summary of environmental management system Revised Technical Standards (reference 02a) Revised OMP (reference 02b– Aug 17) Revised NMP (reference 02c– Aug 17) Revised Site Condition Report Revised Non-Technical Summary Revised Environmental Risk Assessment Revised Location and Ranging Plan (reference 200.01) Drainage Plan Units 1 and 2 (reference 200.05) Drainage Plan Units 3 and 4 (reference 200.04) Chemical Store specification (reference pdf2972) Ammonia Modelling Report (dated 02 September 2017)</p> <p>2nd Not Duly Made Request for Further Information sent 11/09/17 (response received 15/09/17), responses relating to the installation boundary, location of poultry houses, site drainage, compliance with the BAT Conclusions, odour and noise management including receipt of the following documents:</p> <p>Revised Installation Boundary Plan (reference 200.02) Revised OMP (reference 02b– Sep 17) Revised NMP (reference 02c– Sep 17) Revised Drainage Plan Units 1 and 2 (reference 200.05) Revised Drainage Plan Units 3 and 4 (reference 200.04) Flood Risk Assessment and Surface Water Management Plan</p>

Status log of the permit		
Description	Date	Comments
Schedule 5 Notice issued 06/10/17	Response received 20/10/17	Additional information received relating to the noise impact assessment and modelling; submission of data in a usable format, submission of a risk assessment including noise from bulk feed lorry deliveries, manure belt collection system, power washing and disinfecting, arrival and removal of birds at the start and end of the cycle and on-site vehicle movements for the collection of eggs, and submission of revised modelling where the risk assessment concludes a non-negligible impact.
2 nd Schedule 5 Notice issued 19/01/18	Response received 07/02/18	Clarification of installation boundary, site drainage, manure management, odour management, light pollution, fuel storage, raw materials, operating techniques, noise management and water supply, and receipt of the following documents: Revised Technical Standards (reference 02a – Feb 18) Revised OMP (reference 02b– Feb 18) Revised NMP (reference 02c– Feb 18) Drainage Plan Houses 1 and 2 (reference 200.05) Drainage Plan Houses 3 and 4 (reference 200.04) Manure Management Option A Manure Management Option A Plan of NVZ additional land Water Resources Plan A3 Water Resources Information email (reference PA17_04129)
Additional request for further information as a result of the 2 nd Schedule 5 notice response, sent 13/04/18	Responses received 02/05/18, 03/05/18 and 04/05/18	Further clarification of installation boundary, site drainage, manure management and operating techniques, and receipt of the following documents: Revised Installation Boundary Plan Sheds 1 & 2 Manure Trailer position plan Sheds 3 & 4 Manure Trailer position plan Landscape and Runoff Letter (reference L0060)

Status log of the permit		
Description	Date	Comments
3 rd Schedule 5 Notice issued 13/07/18	Response received 27/07/18	Clarification of installation boundary, manure management, odour management, noise management, site drainage, carcass collection, pest control, footbaths and wheel washes, clean out procedures and times, and dust and bioaerosol management, and receipt of the following documents: Revised Installation Boundary Plan (reference 200.02B) Revised Technical Standards (reference 02a – July 18) Revised OMP (reference 02b– July 18) Revised NMP (reference 02c– July 18) Revised DMP (reference 02d – July 18) Block Plan Houses 1 and 2 (reference 200.05E) Block Plan Houses 3 and 4 (reference 200.04F) Revised Environmental Risk Assessment (reference 06 – July 18)
Additional request for further information as a result of the 3 rd Schedule 5 notice response, sent 03/08/18	Responses received 24/08/18, 04/09/18 and 14/09/18	Further clarification of manure management, site drainage, and additional request for information about the operation of the woodchip/bark area. In addition, receipt of the following revised documents: Revised Technical Standards (reference 02a – Sept 18) Revised OMP (reference 02b - Sept 18) Revised NMP (reference 02c– Sept 18) Revised DMP (reference 02d – Sept 18) Revised Environmental Risk Assessment (reference 06 – Sept 18)
Request for Further Information sent 14/11/18	Response received 16/11/18 and 03/12/18	Further clarification of poultry house ventilation and livestock destocking operations. In addition, receipt of the following revised document: Revised OMP (reference 02b – Dec 18)
Permit determined EPR/QP3835YS (Billing reference: QP3835YS)	DD//MM/YY	Permit issued to Richland Foods Limited.

End of introductory note

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/QP3835YS

The Environment Agency hereby authorises, under regulation 13 of the Environmental Permitting (England and Wales) Regulations 2016

Richland Foods Limited (“the operator”),

whose registered office is

**Lambo
Fraddam Road
Leedstown
Hayle
Cornwall
TR27 5PF**

company registration number **10723062**

to operate an installation at

**Pengwedna Poultry Farm
Nancegollan
Helston
Cornwall
TR13 0AZ**

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

Name	Date
[name of authorised person]	[DD/MM/YYYY]

Authorised on behalf of the Environment Agency

Conditions

1 Management

1.1 General management

- 1.1.1 The operator shall manage and operate the activities:
- (a) in accordance with a written management system that identifies and minimises risks of pollution, so far as is reasonably practicable, including those risks arising from operations, maintenance, accidents, incidents, non-conformances, closure and those drawn to the attention of the operator as a result of complaints; and
 - (b) using sufficient competent persons and resources.
- 1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.
- 1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of the permit.

1.2 Energy efficiency

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

1.3 Efficient use of raw materials

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

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

- 1.4.1 The operator shall take appropriate measures to ensure that the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities and that;
- (a) any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and
 - (b) where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.

2 Operations

2.1 Permitted activities

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

2.2 The site

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

2.3 Operating techniques

2.3.1 The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by the Environment Agency.

2.3.2 If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan or other documentation (“plan”) specified in schedule 1, table S1.2 or otherwise required under this permit which identifies and minimises the risks of pollution relevant to that plan, and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.

2.3.3 The operator shall maintain and implement a system to record the number of animal places and animal movements.

2.3.4 The operator shall ensure that a diet formulation and nutritional strategy is used to reduce the total nitrogen and total phosphorous excreted.

2.3.5 The operator shall take appropriate measures in disposal or recovery of solid manure or slurry to prevent, or where this is not practicable, to minimise pollution.

2.3.6 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.

2.3.7 The operator shall ensure that where waste produced by the activities is sent to a relevant waste operation, that operation is provided with the following information, prior to the receipt of the waste:

- (a) the nature of the process producing the waste;
- (b) the composition of the waste;
- (c) the handling requirements of the waste;
- (d) the hazardous property associated with the waste, if applicable; and
- (e) the waste code of the waste.

2.4 Pre-operational conditions

2.4.1 The activities shall not be brought into operation until the measures specified in schedule 1 table S1.3 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.

3.4 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; and
- (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.

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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 112,000 layer hen places.	From receipt of birds, raw materials and fuels onto the site to removal of birds and associated wastes from site.
Directly Associated Activity	Description of specified activity	Limits of specified activity
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Table S1.2 Operating techniques		
Description	Parts	Date Received
Application EPR/QP3835YS/A001	<p>Responses to application form B3.5 and referenced supporting documentation.</p> <p>Responses to Not Duly Made Requests for Further Information:</p> <p>1st Not Duly Made Request for Further Information sent 04/08/17 (response received 03/09/17) including receipt of the following documents:</p> <ul style="list-style-type: none"> Revised introductory summary Revised summary of environmental management system Revised Site Condition Report Revised Non-Technical Summary Chemical Store specification (reference pdf2972) Ammonia Modelling Report (dated 02 September 2017) <p>2nd Not Duly Made Request for Further Information sent 11/09/17 (response received 15/09/17) including receipt of the following documents:</p> <ul style="list-style-type: none"> Flood Risk Assessment and Surface Water Management Plan 	Duly Made 15/09/17
2 nd Schedule 5 Notice issued 19/01/18	<p>Responses to Request for Further Information clarifying the installation boundary, site drainage, manure management, odour management, light pollution, fuel storage, raw materials, operating techniques, noise management and water supply, and receipt of the following documents:</p> <ul style="list-style-type: none"> Manure Management Option A Manure Management Option B Plan of NVZ additional land Water Resources Plan A3 Water Resources Information email (reference PA17_04129) 	07/02/18
Additional request for further information as a result of the 2 nd Schedule 5 notice response, sent	Responses to additional Request for Further Information clarifying the installation boundary, site drainage, manure management and operating techniques, and receipt of the following document:	02/05/18, 03/05/18 and 04/05/18

Table S1.2 Operating techniques		
Description	Parts	Date Received
13/04/18	L0060 Landscape and Runoff Letter	
3 rd Schedule 5 Notice issued 13/07/18	Responses to Request for Further Information clarifying installation boundary, manure management, odour management, noise management, site drainage, carcass collection, pest control, footbaths and wheel washes, clean out procedures and times, and dust and bioaerosol management, and receipt of the following revised documents: Block Plan Houses 1 and 2 (reference 200.05E) Block Plan Houses 3 and 4 (reference 200.04F)	27/07/18
Additional request for further information as a result of the 3 rd Schedule 5 notice response, sent 03/08/18	Further clarification of manure management, site drainage, and additional request for information about the operation of the woodchip/bark area. In addition, receipt of the following revised documents: Revised Technical Standards (reference 02a – Sept 18, received 14/09/18) Revised NMP (reference 02c– Sept 18, received 04/09/18) Revised DMP (reference 02d – Sept 18, received 14/09/18) Revised Environmental Risk Assessment (reference 06 – Sept 18, received 14/09/18)	24/08/18, 04/09/18 and 14/09/18
Request for Further Information sent 14/11/18	Responses to Request for Further Information clarifying poultry house ventilation and livestock destocking operations. In addition, receipt of the following revised document: Revised OMP (reference 02b - Dec-18, received 03/12/18)	16/11/18 and 03/12/18
Report as detailed in pre-operational measure PO1, table S1.3	All of document	Date of approval of PO1

Table S1.3 Pre-operational measures	
Reference	Pre-operational measures
PO1	Not later than one month prior to commencement of planting of trees and shrubs and construction of bunds in the ranging areas and/or commencement of construction works, the Operator shall submit to the Environment Agency a written report with final design details for the planting and construction and measures in place to ensure on-going maintenance of the ranging areas, and obtain the Environment Agency's written approval to it. This report shall include, but not be limited to: a) Final design layout and details of the planting of trees and shrubs b) Final design details of bunds and locations c) Procedural measures for preparing soils for planting and in grassland ranging areas d) Procedural measures in place to ensure areas are maintained to achieve optimum performance e) Timescales for implementation
PO2	Not later than one month prior to commencement of operations, the Operator shall submit to the Environment Agency visual evidence of the soil preparation, planting and bunds in the ranging areas, and obtain the Environment Agency's written confirmation that the measures approved under PO1 have been implemented.

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

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 – 4 as shown on the site plan in schedule 7	Poultry houses 1 - 4	---	---	---	---	---
Exhaust from standby generators as shown on the revised plans referenced '200.05E Block Plan Houses 1 & 2 and '200.04F Block Plan Houses 3 & 4' received 27/07/18 in support of application EPR/QP3835YS/A001	Standby Generators	---	---	---	---	---

Emission point ref. & location	Source	Parameter	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
Trenches running adjacent to poultry houses 1 – 4 acting as soakaways, as indicated on the revised plans referenced '200.05E Block Plan Houses 1 & 2 and '200.04F Block Plan Houses 3 & 4' received 27/07/18 in support of application EPR/QP3835YS/A001	Roof water from poultry houses 1 – 4 and water draining from yards (excluding all times yards are contaminated e.g. catching, mucking out or washing)	---	---	---	---	---

Emission point reference or source or description of point of measurement	Parameter	Limit (incl. Unit)	Monitoring frequency	Monitoring standard or method
Laying Hens non-cage housing system in houses 1 - 4	kg NH ₃ /animal place/year	0.13 kg NH ₃ /animal place/year	Annually	Estimation using emission factors
Laying Hens non-cage housing system in houses 1 - 4	kg N excreted/animal place/year	0.8 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
Laying Hens non-cage housing system in houses 1 - 4	kg P ₂ O ₅ excreted/animal place/year	0.45 kg P ₂ O ₅ /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
Laying Hens non-cage housing system in houses 1 - 4	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.

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

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

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.

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

“pests” means Birds, Vermin and Insects.

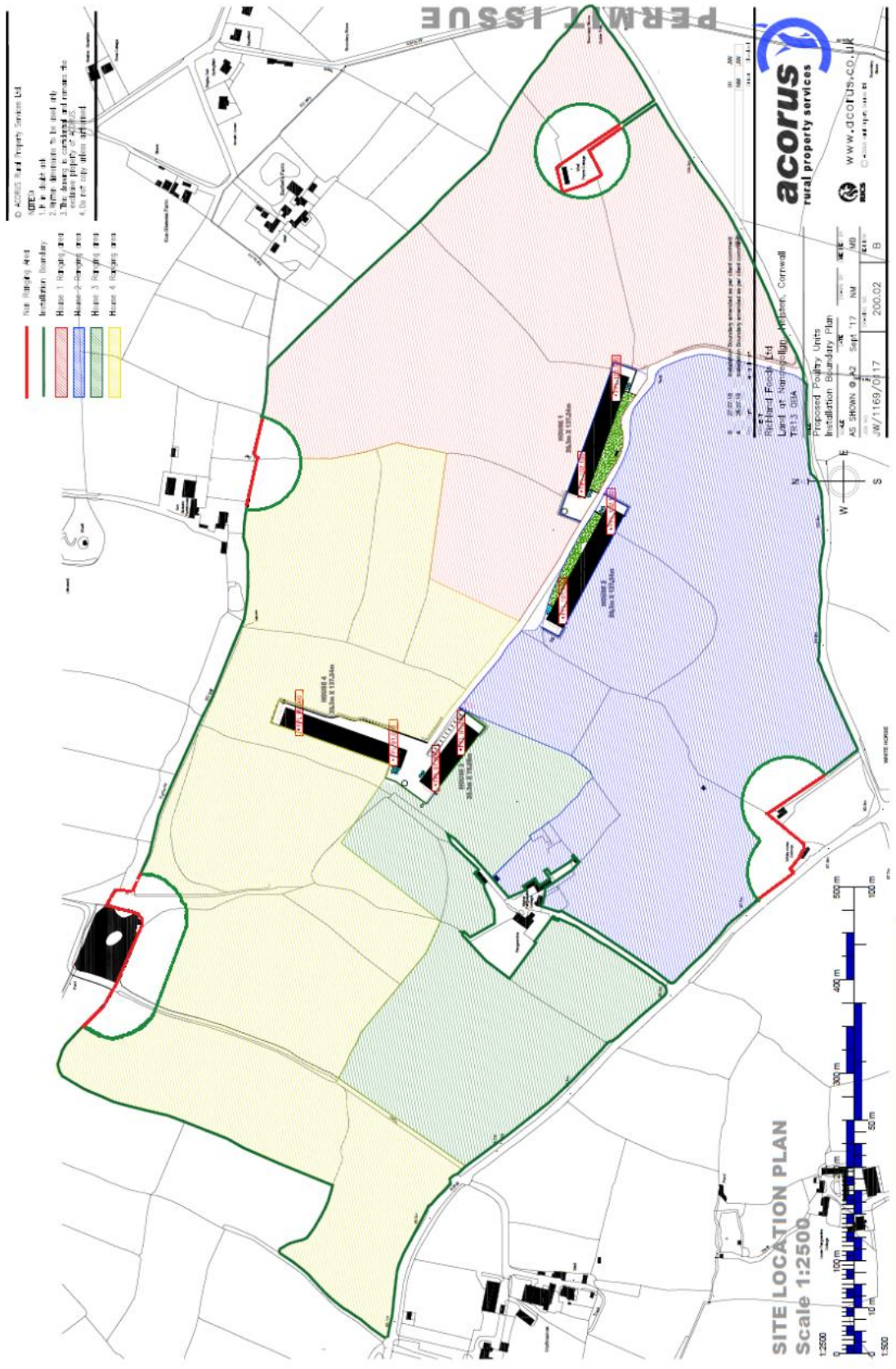
“Waste code” means the six digit code referable to a type of waste in accordance with the List of Wastes and in relation to hazardous waste, includes the asterisk

“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

Permit number
EPR/QP3835YS