

# Notice of variation and consolidation with introductory note

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

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Bedfordia Farms Limited  
Westwood Poultry Farm  
Land off Bedford Road  
Rushden  
Northamptonshire  
NN10 0SQ

### **Variation application number**

EPR/AP3237RR/V003

### **Permit number**

EPR/AP3237RR

# Westwood Poultry Farm

## Permit number EPR/AP3237RR

### Introductory note

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

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

Schedule 1 of the notice specifies the conditions that have been varied and schedule 2 comprises a consolidated permit which reflects the variations being made. Only the variations specified in schedule 1 are subject to a right of appeal.

#### This variation authorises the following changes:

The permitted number of broilers on site at any one time is reduced from 540,000 to 320,000. The number of poultry houses is reduced from 10 to 6.

We have reviewed the new housing introduced with this permit variation for this installation against the Best Available Technique (BAT) conclusions as defined in Intensive Farming BAT conclusion document dated 20/02/17. The permit conditions and schedules ensure the compliance of the new housing with this BAT conclusions document.

The installation was previously permitted to have 4 biomass boilers on site with an aggregated thermal rated input of 4.56 MW. There will now be 1 biomass boiler on the installation with a net rated thermal input of 1.945 MW.

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

Westwood Poultry Farm is situated in Knotting, Bedford at Grid Reference SP 99427 63978. The installation is approximately 3.1 kilometres south east of the town of Rushden in Northamptonshire, bordering Bedfordshire.

Land surrounding the farm is predominantly agricultural. This installation is operated by Bedfordia Farms Limited.

The housing consists of 6 modern broiler houses with a capacity for 320,000 broiler places. The houses are well insulated (U-value of approximately 0.4 W/m<sup>2</sup>/°C) and the sheds have a damp-proof course. Ventilation is provided by high velocity (11.3 m/s) roof fans, and also gable end fans for the summer months.

Birds are housed at day old and de-populated at around thirty-two to forty days of age with approximately seven days empty, which gives 7 cycles per annum, this is done on an all-out, all-in basis.

Before bird arrival the houses are pre-warmed by hot water blown air heaters. Floors are covered to a minimum depth of 2 cm of bulk wood shavings. Temperature and humidity are computer controlled and closely monitored on a daily basis to achieve a target level of 21°C post brooding and a relative humidity of 55-60%, this achieves litter with a dry matter content of between 60-70%, which is important to minimising emissions. Water is via a nipple drinking system fitted with cups to reduce leakage and spills leading to drier litter.

Birds are fed a minimum of three diets during their growth, with gradually reducing levels of protein and phosphorous as bird age increases. Feed is delivered from a UKASTA accredited feed mill and blown into bulk feed bins situated at the ends of the houses. From the feed bins the feed is augured into the houses and distributed to the birds via a pan feeding system.

At depletion the litter is removed from the site and used on operator controlled land in accordance with a manure management plan, with some surplus sold to external business as detailed in the Manure Management Plan. No manure is stored on site. The farm is then pressure washed, disinfected and dried out prior to the cycle beginning again.

Dirty wash water is collected via the concrete apron to a drain with a diverter valve to underground tanks and spread on the operators own land. Uncontaminated yard water is sent via the concrete apron to an attenuation pond where clean water is discharged to a ditch. Clean roof water drains to French drains which run alongside the houses, and any excess water is discharged to the attenuation pond. The attenuation pond discharges to a ditch north of the site and ultimately drains to the River Til.

Fallen stock during the production cycle is collected and recorded daily. The carcasses are stored in sealed containers and are regularly incinerated on site by a licensed Animal and Plant Health Agency (APHA) approved incinerator.

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/AP3237RR/A001	Duly made 27/04/16	Application for an intensive farming poultry installation permit.
Additional information received	27/04/16	Confirmation of site drainage plans and building dimensions.
Additional information received	15/06/16	Confirmation of name of farm, location of incinerator and APHA approval.
Permit determined EPR/AP3237RR	30/06/16	Permit issued to Bedfordia Farms Limited.
Application EPR/AP3237RR/V002	Duly made 20/01/17	Application for a substantial variation to the current intensive farming poultry permit for the: <ul style="list-style-type: none"> <li>• Addition of two broiler houses</li> <li>• Increase in broiler numbers from 360,000 to 540,000</li> <li>• Extension of site boundary</li> <li>• Addition of 2 biomass boilers</li> </ul>
Additional information received	20/01/17	Confirmation of site boundary extension and location.
Additional information received	30/01/17	Confirmation of biomass boiler air quality screening inputs.
Permit determined EPR/AP3237RR	21/03/17	Permit issued to Bedfordia Farms Limited.
Application EPR/AP3237RR/V003	Duly made 10/12/18	Application for a normal variation to the current intensive farming poultry permit to: <ul style="list-style-type: none"> <li>• Decrease permitted broiler numbers from 540,000 to 320,000</li> <li>• Decrease in number of permitted broiler houses from 10 to 6</li> </ul>

Status log of the permit		
Description	Date	Comments
		<ul style="list-style-type: none"> <li>Change the permitted biomass boilers from 4 biomass boilers with an aggregated thermal rated input not exceeding 4.5 MWth to 1 biomass boiler not exceeding 1.945 MWth.</li> </ul> <p>Response to Not Duly Made request sent 07/09/18 (response received 11/09/18), responses relating to site layout, Best Available Techniques (BAT) and Odour management. And including receipt of the following documents:</p> <p>Revised Odour Management Plan Revised Site Layout Plan Confirmation of BAT compliance</p> <p>2<sup>nd</sup> Not Duly Made Request for Further Information sent 14/09/18 (response received 15/09/18), responses relating to site drainage.</p> <p>3<sup>rd</sup> Not Duly Made Request for Further Information sent 19/09/18 (response received 11/10/18), response relating to site address. Second response (response received 12/10/18) relating to biomass boilers.</p> <p>4<sup>th</sup> Not Duly Made Request for Further Information sent 22/10/18 (response received 09/11/18) response relating to biomass boilers and included the receipt of the following documents:</p> <p>Renewable Heat Incentive Certificate Application information requirements for assessing air emissions from biomass boilers at EPR intensive farms</p> <p>5<sup>th</sup> Not Duly Made Request for Further Information sent 13/11/18 (response received 06/12/18) response relating to biomass boilers. Second response (response received 10/12/18) included the receipt of the following documents:</p> <p>Revised Site Layout Plan Renewable Heat Incentive Certificate Biomass Boiler information Revised Non-Technical Summary</p>
Additional information received	31/07/19	Clarification of Biomass Boiler and revised associated documents, site drainage and revised layout plan, revised odour management plan, incinerator, revised raw materials inventory and revised Environmental management summary.
Additional information received	15/08/19	Revised Biomass Biomass operation – Management and Emergency Plan, revised

Status log of the permit		
Description	Date	Comments
		Noise Management Plan and confirmation of compliance with BAT.
Additional information received	21/01/20	Further clarification on generator and location of wheel wash.
Additional information received	10/11/20	Amended site layout plan.
Variation determined EPR/AP3237RR (Billing reference: EP3335QD)	17/12/20	Varied permit issued to Bedfordia Farms Limited.

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/AP3237RR

### Issued to

**Bedfordia Farms Limited** (“the operator”)

whose registered office is

**Milton House Farm**

**Milton Ernest**

**Bedfordshire**

**MK44 1YU**

company registration number 00607130

to operate an installation at

**Westwood Poultry Farm**

**Land off Bedford Road**

**Rushden**

**Northamptonshire**

**NN10 0SQ**

to the extent set out in the schedules.

The notice shall take effect from 17/12/2020

Name	Date
Anne Lloyd	17/12/2020

Authorised on behalf of the Environment Agency

## **Schedule 1**

All conditions have been varied by the consolidated permit EPR/AP3237RR 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/AP3237RR**

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/AP3237RR/V003 authorising,

**Bedfordia Farms Limited** (“the operator”),

whose registered office is

**Milton House Farm**

**Milton Ernest**

**Bedfordshire**

**MK44 1YU**

company registration number 00607130

to operate an installation at

**Westwood Poultry Farm**

**Land off Bedford Road**

**Rushden**

**Northamptonshire**

**NN10 0SQ**

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

Name	Date
<b>Anne Lloyd</b>	<b>17/12/2020</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 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.

## **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 (a)(i), or 4.3.1 (b)(i) where the information relates to the breach of a limit specified in the permit, shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.

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

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

Where the operator is a registered company:

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

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

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

In any other case:

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

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

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

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

## 4.4 Interpretation

- 4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.
- 4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made “immediately”, in which case it may be provided by telephone.

# Schedule 1 – Operations

<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 320,000 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>
Carcass incineration	Operation of an Incinerator for carcass disposal Animal and Plant Health Agency (APHA) approved < 50 kg/hr.	From receipt of raw materials, fuels and input of carcasses to release of combustion products to air and associated wastes removed from site.
Medium Combustion Plant	Operation of 1 dust mass boiler with an aggregated thermal rated input not exceeding 1.945 megawatts. Individual unit for site heating requirements, burning biomass fuel not comprising waste or animal carcasses.	From receipt of raw materials and fuels, to release of combustion products to air and associated wastes removed from site.

<b>Table S1.2 Operating techniques</b>		
<b>Description</b>	<b>Parts</b>	<b>Date Received</b>
Application EPR/AP3237RR/A001	Responses to Parts B3.5 of the application form and referenced supporting documentation.	27/04/16
Additional information requested 14/06/16	Response to Request for Information confirming name of farm, location of incinerator and APHA approval.	15/06/16
Application EPR/AP3237RR/V002	Responses for Parts C3.5 of the application form (Section 8 operating Techniques) and referenced supporting documentation.	27/10/16
Application EPR/AP3237RRV003	Responses to Parts C3.5 of the application form and referenced supporting documentation including receipt of the following documents:  Revised Odour Management Plan (dated 11/09/18) Revised Site Layout Plan (dated 10/12/18) Renewable Heat Incentive Certificate (dated 10/12/18) Biomass Boiler information (dated 10/12/18) Revised Non-Technical Summary (dated 10/12/18)	10/12/18
Additional information requested 04/07/19	Clarification of Biomass Boiler and revised associated documents, site drainage and revised layout plan, revised odour management plan, incinerator, revised raw materials inventory and revised Environmental management summary	31/07/19

<b>Table S1.2 Operating techniques</b>		
<b>Description</b>	<b>Parts</b>	<b>Date Received</b>
Additional information requested 04/07/19	Revised Biomass Management and Emergency Plan Revised Noise Management Plan Confirmation of BAT compliance	15/08/19
Additional information requested 21/01/20	Confirmation that generator will be housed in an acoustic jacket, operator will have a maintenance contract with supplier and will be serviced twice a year. Confirmation on location of wheel wash.	21/01/20
Additional information requested 09/11/20	Amended site layout plan	10/11/20

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

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



## Schedule 3 – Emissions and monitoring

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
High velocity roof fan outlets on poultry houses 1 - 6 as shown on the site layout plan in schedule 7	Poultry house 1 - 6	---	---	---	---	---
Gable end fan outlets on poultry houses 1 - 6 as shown on the site layout plan in schedule 7	Poultry houses 1 - 6	---	---	---	---	---
Chimney from carcass incinerator as shown on the site layout plan in schedule 7	Carcass incinerator	---	---	---	---	---
Exhaust from generator as shown on the site layout plan in schedule 7	Generator	---	---	---	---	---
Emissions from 1 biomass boiler subject to MCPD as shown on the site layout plan in schedule 7	Aggregated 1.945 MWth biomass boilers	Oxides of Nitrogen (NO and NO <sub>2</sub> expressed as NO <sub>2</sub> )	500 mg/m <sup>3</sup>	Hourly Average	Once every 3 years	As agreed in writing by the Environment Agency
		Carbon monoxide	No limit			
		Dust	50 mg/m <sup>3</sup>			

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
Outlet to unnamed seasonally dry ditch acting as a soakaway leading to River Til via attenuation pond which is reached via French drains from poultry houses 1 - 6 as indicated on the drainage plan reference 'Westwood Farm Layout/Drainage' in application	Roof water from poultry houses 1 – 6 intercepted by French drains and attenuation pond prior to discharge and Water draining from yard (excluding all times yards are contaminated e.g. catching,	---	---	---	---	---

**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
EPR/AP3237RR/V003	mucking out or washing)					

**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 poultry houses 1 - 6	kg N excreted/animal place/year	0.6 kg N/animal place/year	Annually	Estimation by using manure analysis for total nitrogen content
	kg P <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	Estimation by using manure analysis for total phosphorus content
Broilers in poultry houses 1 - 6	kg NH <sub>3</sub> /animal place/year	0.08 kg NH <sub>3</sub> /animal place/year	Annually	Estimation using emission factors
Broilers in poultry houses 1 - 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	DD/MM/YY
kg N excreted/animal place/year & kg	Form Process Monitoring 1 or other form as agreed in writing by the Environment Agency	DD/MM/YY
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	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	

<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 detection of any significant adverse environmental effect</b>	
<b>To be notified within 24 hours of detection</b>	
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.

“Animal and Plant Health Agency (APHA)” is the government agency that licences small on farm incinerators; formerly known as the Animal Health and Veterinary Laboratories Agency.

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

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

“building” means a construction that has the objective of providing sheltering cover and minimising emissions of noise, particulate matter, odour and litter.

“emissions to land” includes emissions to groundwater.

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

“EP Regulations” means The Environmental Permitting (England and Wales) Regulations SI 2016 No.1154 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

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

“Hazardous property” has the meaning in Annex III of the Waste Framework Directive.

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

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

“Manure and slurry” have the following meaning:

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

“Medium Combustion Plant” or “MCP” means a combustion plant with a rated thermal input equal to or greater than 1 MW but less than 50 MW.

“Medium Combustion Plant Directive” or “MCPD” means Directive 2015/2193/EU of the European Parliament and of the Council on the limitation of emissions of certain pollutants into the air from medium combustion plants.

“virgin timber” means timber from

- Whole trees and the woody parts of trees including branches and bark derived from forestry works, woodland management, tree surgery and other similar operations (it does not include clippings or trimmings that consist primarily of foliage);

- Virgin wood processing (e.g. wood offcuts, shavings or sawdust from sawmills) or timber product manufacture dealing in virgin timber.
- If virgin timber is mixed with waste timber or any other waste, the mixed load is classed as waste.

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

“pests” means Birds, Vermin and Insects.

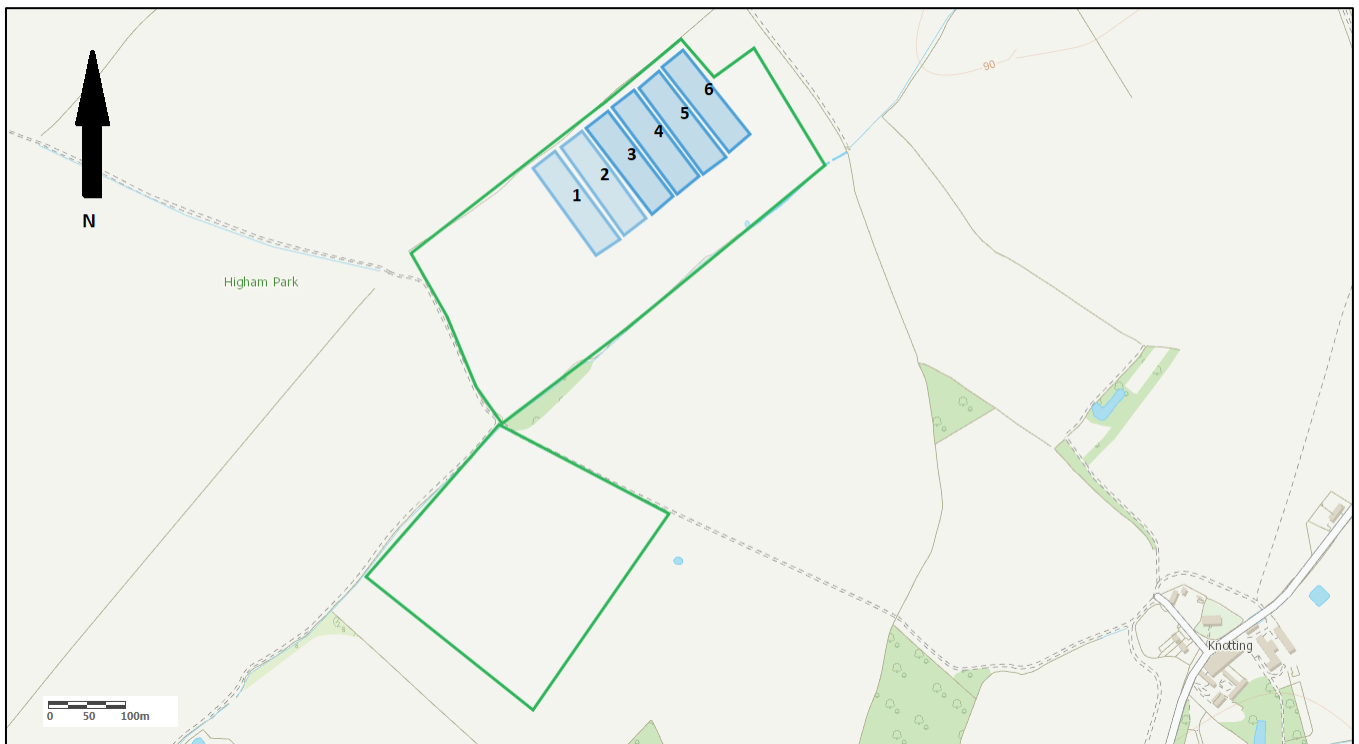
“Waste code” means the six digit code referable to a type of waste in accordance with the List of Wastes and in relation to hazardous waste, includes the asterisk

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

“year” means calendar year ending 31 December.

# Schedule 7 – Site plan

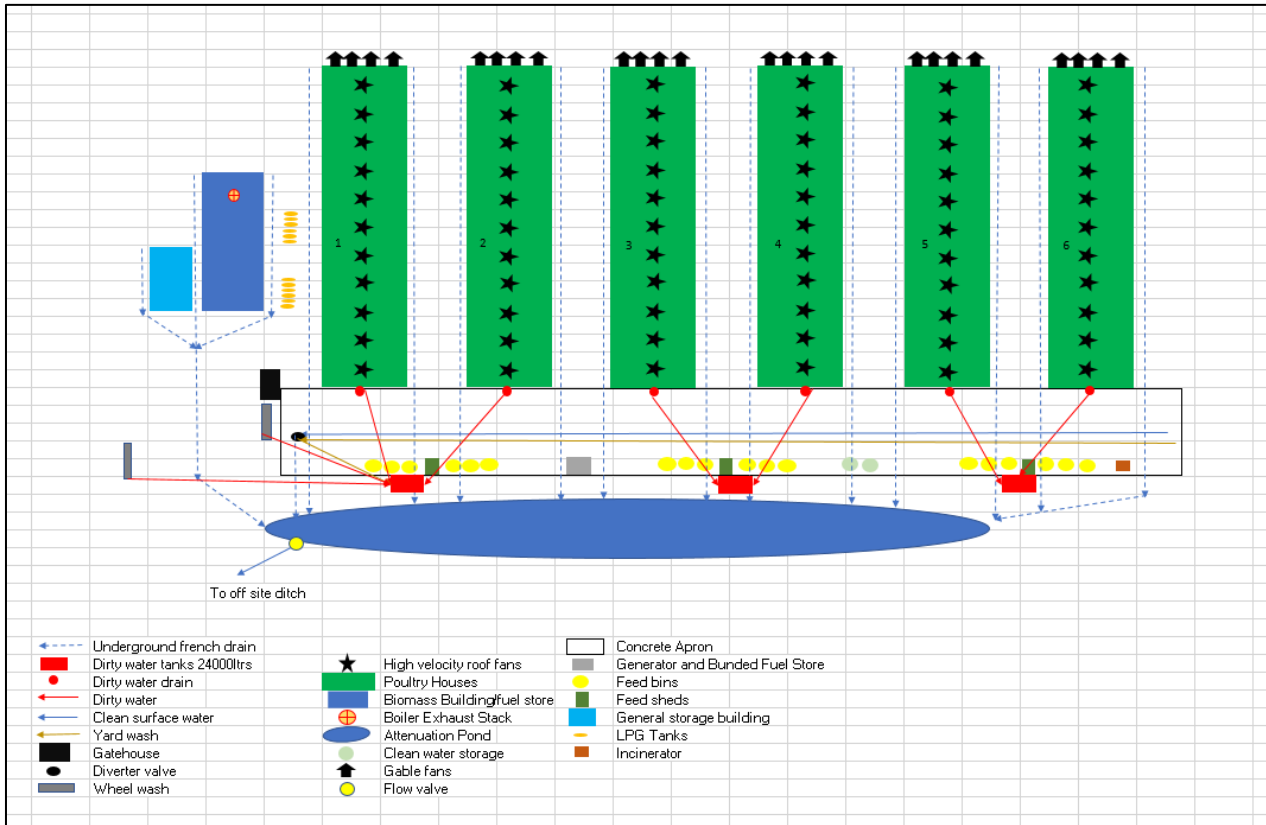
Site plan - showing installation boundary as referred to in condition 2.2.1.



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Site layout plan (not to scale)



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END OF PERMIT