



# Notice of variation and consolidation with introductory note

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

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Mr David Mark Cottam, Mrs Suna Jill Cottam, Mr Simon Marcus Cottam and Mrs Alison Kathrine Cottam

Myrepole Farm  
Rapley Lane  
Woodplumpton  
Preston  
PR4 0BQ

### **Variation application number**

EPR/KP3130NT/V002

### **Permit number**

EPR/KP3130NT

# Myrepole Farm

## Permit number EPR/KP3130NT

### 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

- the increase in broiler places to 350,000;
- four additional poultry houses;
- increase in installation boundary to accommodate new poultry houses;
- four 500 kilowatt biomass boilers (aggregated thermal input 2.116 megawatts) to assist the heating of the poultry houses. The biomass boilers will only burn virgin biomass fuel not comprising waste of animal carcasses; and
- the addition of a carcass incinerator with a throughput capacity less than 50 kilograms per hour.

We have reviewed the new housing introduced with this permit variation for this installation against the 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 rest of the installation is unchanged and continues to be operated as follows.

Myrepole Farm is situated approximately two kilometres outside of the village of Woodplumpton north of Preston. The installation is approximately centred on National Grid Reference SD 48544 37963.

The installation is operated by Mr David Mark Cottam, Mrs Suna Jill Cottam, Mr Simon Marcus Cottam and Mrs Alison Kathrine Cottam who have formed Myreline Growers partnership. The partnership owns and operates Myrepole Farm which comprises of seven poultry houses providing a combined capacity for 350,000 broilers. Birds are brought onto the farm as day old chicks and a proportion are removed at 35 days and the remaining birds being reared for 41 to 42 days before being transported off site for processing.

The existing poultry houses, houses 1 to 3, are ventilated by roof extraction fans with an emission point higher than 5.5 metres above ground level and an efflux speed greater than two metres per second. The new poultry houses, houses 4 to 7 have an efflux speed greater than seven metres per second. The poultry houses also have gable end fans, although these are operated infrequently to maintain temperature, typically in the summer months.

At the end of the growing cycle all birds are removed from the houses and the litter is scraped out and exported off site. The empty houses are then washed and disinfected ready for the next crop. Water from the wash out of poultry houses is channelled to a sealed underground collection to await export off site.

Roof water and uncontaminated yard water (excluding poultry house clean out periods) drain to French drains along the sides of the houses which discharge into a ditch to the east of the poultry houses. During clean out operations a diverter valve is used to channel yard water to the wash water collection tanks for export.

The land around the site is predominantly pasture agricultural land. The surrounding topography is relatively flat and low lying. Associated food is stored on the installation in sealed food bins. Mortalities are collected daily and stored in a secure container on site.

There are two Special Protection Areas (SPA) and two Ramsars within ten kilometres of the installation and two Local Wildlife Sites (LWS) within two kilometres. 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.

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 received<br>EPR/KP3130NT/A001                               | Duly made<br>20/01/2014 | Application for an intensive farming poultry installation permit.   |
| Schedule 5 Notice   | 14/02/2014              | Confirmation of site drainage; surface area coverings; raw materials; bunding and containment measures.   |
| Schedule 5 Notice Response  | 03/03/2014              | Incomplete response to Schedule 5 Notice sent on 14/02/2014.  |
| Request for further information, email sent                             | 12/03/2014              | Email sent requesting missing information from the Schedule 5 Notice served on 14/02/2014.  |
| Response to request for further information                             | 12/03/2014              | Complete response received (two parts received by email).   |
| Permit determined<br>EPR/KP3130NT                                       | 22/04/2014              | Permit issued.  |
| Variation application<br>EPR/KP3130NT/V002                              | Duly made<br>25/04/2018 | Application to vary the permit to increase broiler numbers, add four poultry houses, add four biomass boilers; a carcass incinerator; and update the permit to modern conditions. |
| Variation determined<br>EPR/KP3130NT/V002 (Billing reference: BP3938WW) | 08/06/2018              | 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/KP3130NT**

### Issued to

**Mr David Mark Cottam, Mrs Suna Jill Cottam, Mr Simon Marcus Cottam and Mrs Alison Kathrine Cottam** (“the operator”)

of

**Myrepole Farm  
Rapley Lane  
Woodplumpton  
Preston  
PR4 0BQ**

to operate an installation at

**Myrepole Farm  
Rapley Lane  
Woodplumpton  
Preston  
PR4 0BQ**

to the extent set out in the schedules.

The notice shall take effect from 08/06/2018

| Name             | Date              |
|------------------|-------------------|
| <b>M Bischer</b> | <b>08/06/2018</b> |

Authorised on behalf of the Environment Agency

## **Schedule 1**

All conditions have been varied by the consolidated permit EPR/KP3130NT 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/KP3130NT**

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/KP3130NT/V002 authorising,

**Mr David Mark Cottam, Mrs Suna Jill Cottam, Mr Simon Marcus Cottam and Mrs Alison Kathrine Cottam** (“the operator”),

of

**Myrepole Farm  
Rapley Lane  
Woodplumpton  
Preston  
PR4 0BQ**

to operate an installation at

**Myrepole Farm  
Rapley Lane  
Woodplumpton  
Preston  
PR4 0BQ**

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

| Name             | Date              |
|------------------|-------------------|
| <b>M Bischer</b> | <b>08/06/2018</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 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 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, 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 350,000 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. |
| Biomass boiler  | Operation of four biomass boilers with an aggregated thermal rated input not exceeding 2.116 MWth, 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<br>EPR/KP3130NT/A001               | Responses to Parts B2 of the application form, questions 2, 3, 6 and 7 and following referenced supporting documentation: <ul style="list-style-type: none"> <li>• Summary of Environmental Management System (email 10 January 2014)</li> <li>• Annex 1 Site Plans</li> <li>• Annex 2 Non Technical Summary</li> <li>• Annex 4 H5 Site Condition Report</li> </ul>                                      | 10/01/2014           |
| Application<br>EPR/KP3130NT/A001               | Response to Part B3; section 3b, Table 3b – General Requirements of the application form. Myrepole Farm Odour Management Plan reference Annex 6 of the application; Myrepole Farm Noise Management Plan reference Annex 7 of the application.  | 12/12/2013           |
| Application<br>EPR/KP3130NT/A001               | Technical Standards reference in response to Part B3; section 3a – Technical Standards of the application form. <ul style="list-style-type: none"> <li>• Technical Standards for Myrepole Farm</li> <li>• Assessments of Environmental Impacts</li> <li>• EPR Note 1.00 Getting the Basics Right Apr. 08</li> <li>• EPR Note 6.09 How to comply</li> <li>• BRef Notes July 2003 documentation</li> </ul> | 20/01/2014           |
| Response to Schedule 5 Notice dates 14/02/2014 | Technical Standards detailed in sections questions 2 – Odour Management Plan, Dirty Water, 3 – Drainage and 6 – Bunding and Containment of the notice provided under regulation 60 of Environmental Permitting Regulations.  | 03/03/2014           |

| <b>Table S1.2 Operating techniques</b>      |  |                      |
|---|--|----------------------|
| <b>Description</b>                          | <b>Parts</b>   | <b>Date Received</b> |
| Additional information requested 17/03/2014 | Response to request for information confirming: <ul style="list-style-type: none"> <li>• There are no incinerators on site;</li> <li>• All drainage and subsequent treatment is within the installation boundary;</li> <li>• The operation and location of the site generators and associated fuel storage.</li> </ul> | 17/03/2014           |
| Variation application EPR/KP3130NT/V002     | The responses to Parts C3.5 of the application form and supporting information.  | Duly made 12/04/2018 |

| <b>Table S1.3 Improvement programme requirements</b> |   |             |
|--|---|-------------|
| <b>Reference</b>                                     | <b>Requirement</b>  | <b>Date</b> |
| IC1  | <p>Submit a written plan to the Environment Agency for approval. The plan must contain, the results of a review of storage of fuel oils and the measures to comply with the requirements of "How to comply with your environmental permit for intensive farming" Version 2010. The plan must contain dates for the implementation of any individual appropriate measures for bunding and containment required.</p> <p>The notification requirements of condition 2.4.2 will be deemed to have been complied with on submission of the plan. You must implement the plan as approved, and from the date stipulated by the Environment Agency.</p>  | Complete    |
| IC2  | <p>A written plan shall be submitted to the Environment 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 S2.3 of SGN How to Comply – Intensive Farming, Version 2. 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 2.4.2 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 Environment Agency, subject to such amendments or additions as notified by the Environment Agency.</p> | Complete    |

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

| Table S2.1 Raw materials and fuels |  |
|------------------------------------|--|
| Raw materials and fuel description | Specification  |
| Fuel for biomass boiler units      | Biomass chips or pellets comprising virgin timber, straw, miscanthus; 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 |
| Medium velocity roof fan outlets on poultry houses 1 to 3 as shown on the site layout/drainage plan in application<br>EPR/KP3130NT/V002 | Poultry houses 1 to 3                | ---       | ---                    | ---              | ---                  | ---                           |
| High velocity roof fan outlets on poultry houses 4 to 7 as shown on the site layout/drainage plan in application<br>EPR/KP3130NT/V002   | Poultry houses 4 to 7                | ---       | ---                    | ---              | ---                  | ---                           |
| Gable end fan outlets on poultry houses 1 to 7 as shown on the site layout/drainage plan in application<br>EPR/KP3130NT/V002            | Poultry houses 1 to 7                | ---       | ---                    | ---              | ---                  | ---                           |
| Chimney from carcass incinerator as shown on the site layout/drainage plan in application<br>EPR/KP3130NT/V002                          | Carcass incinerator                  | ---       | ---                    | ---              | ---                  | ---                           |
| Exhaust from standby generator as shown on the site layout/drainage plan in application<br>EPR/KP3130NT/V002                            | Standby generator                    | ---       | ---                    | ---              | ---                  | ---                           |
| Vent from oil tank as shown on the site layout/drainage plan in application<br>EPR/KP3130NT/V002  | Diesel tank                          | ---       | ---                    | ---              | ---                  | ---                           |
| Emissions from four biomass boilers as shown on the site layout/drainage plan in application<br>EPR/KP3130NT/V002                       | Aggregated 2.116 MWth biomass boiler | ---       | ---                    | ---              | ---                  | ---                           |



**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 drainage ditch, via French drains, east of the poultry houses as indicated on the site layout/drainage plan in application<br>EPR/KP3130NT/V002 | Roof water and uncontaminated yard water (excluding poultry house wash out periods) | ---       | ---                | ---              | ---                  | ---                           |

**Table S3.3 Process monitoring requirements**

| Emission point reference or source or description of point of measurement | Parameter   | Limit (incl. Unit)   | Monitoring frequency (1) | Monitoring standard or method  |
|---|---|--|--------------------------|--|
| Broilers in houses 1 to 3   | kg N excreted/animal place/year                             | 'From 21/02/2021'<br>0.6 kg N/animal place/year                              | Annually                 | Using a mass balance of nitrogen based on the feed intake, dietary content of crude protein, and animal performance or Estimation by using manure analysis for total nitrogen content                      |
|   | kg P <sub>2</sub> O <sub>5</sub> excreted/animal place/year | 'From 21/02/2021'<br>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 or Estimation by using manure analysis for total phosphorus content |
| Broilers in houses 4 to 7   | 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 or 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                 | Using a mass balance of phosphorus based on the feed intake, dietary content of crude protein, total phosphorus and animal performance or Estimation by using manure analysis for total phosphorus content |
| Broilers in houses 1 to 3   | kg NH <sub>3</sub> /animal place/year                       | 'From 21/02/2021'<br>0.08 kg NH <sub>3</sub> /animal place/year              | Annually                 | Estimation using emission factors  |

**Table S3.3 Process monitoring requirements**

| <b>Emission point reference or source or description of point of measurement</b>                                     | <b>Parameter</b>                      | <b>Limit (incl. Unit)</b>                  | <b>Monitoring frequency (1)</b> | <b>Monitoring standard or method</b> |
|--|---------------------------------------|--|---------------------------------|--------------------------------------|
| Broilers in houses 4 to 7  | 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 houses 1 to 7  | Dust                                  | n/a  | Annually                        | Estimation using emission factors    |
| <b>Notes</b><br>(1) For all existing housing permitted before 21/02/17 the monitoring is a requirement from 21/02/21 |                                       |  |                                 |                                      |

## Schedule 4 – Reporting

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

| <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 S4.3 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 | 08/06/2018          |
| kg N excreted/animal place/year & 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 | 08/06/2018          |
| Dust atmospheric mass emission  | Form Process Monitoring 1 or other form as agreed in writing by the Environment Agency | 08/06/2018          |

# 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.

“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.

“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.

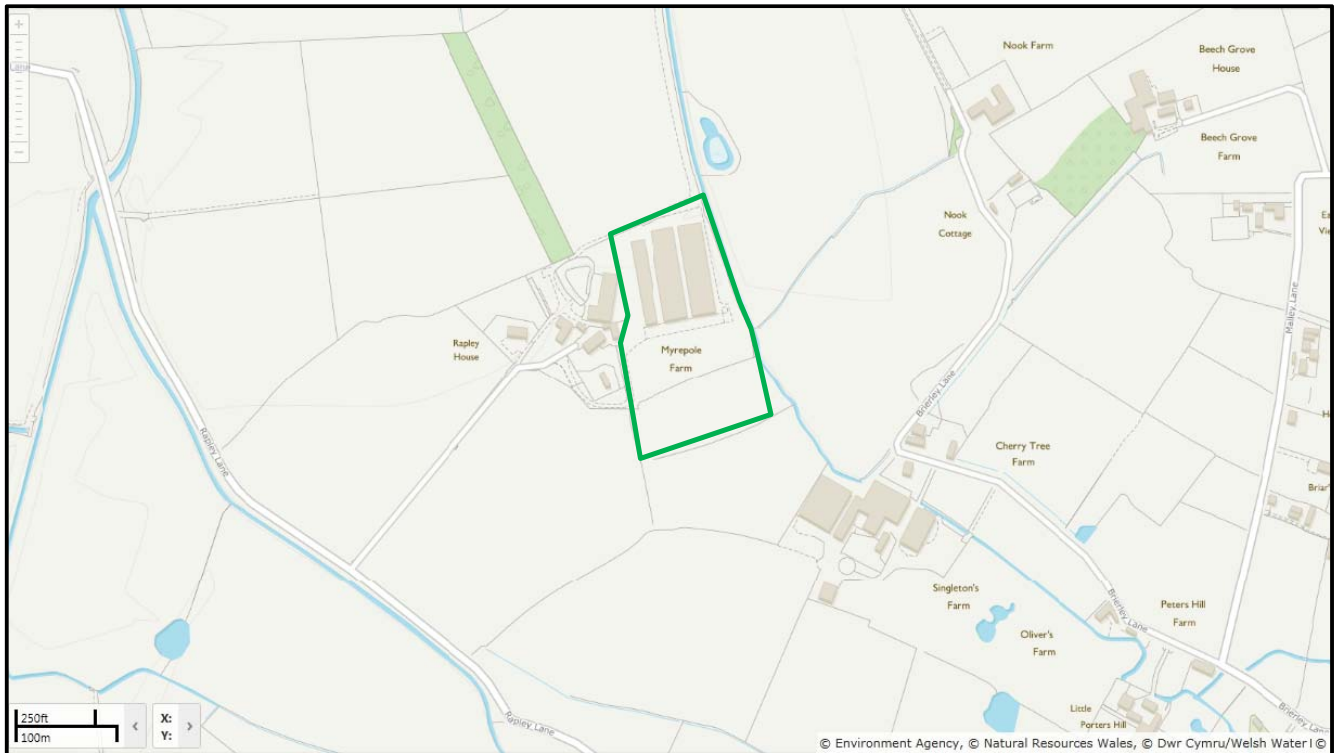
'Waste code' means the six digit code referable to a type of waste in accordance with the List of Wastes and in relation to hazardous waste, includes the asterisk

"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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END OF PERMIT



Permit Number:           EPR/KP3130NT

Operator:                Mr David Mark Cottam, Mrs  
Suna Jill Cottam, Mr Simon  
Marcus Cottam and Mrs  
Alison Kathrine Cottam

Facility: Myrepole Farm

Form Number:           Process Monitoring 1  
08/06/18

Reporting of other performance indicators for the period DD/MM/YYYY to DD/MM/YYYY

**Ammonia emissions**

| Animal type/housing   | Emission Factor utilised in Kg NH3/animal place /year | Total Value for animal type/housing type in kg NH3/year |
|---|---|---|
| Broilers (fan ventilated, fully littered floor, non-leaking drinkers) |   | Total value for each animal type/housing                |
|   |   |   |
|   |   |   |
|   |   |   |
|   |   |   |
|   |   |   |
|   |   |   |
| <b>Total</b>  | -   | Aggregate value to provide total installation emissions |

Operator's comments:

**Nitrogen excretion**

| Animal type   | Emission Factor utilised in Kg N/animal place /year | Total Value for animal type/housing type in kg N excreted/year |
|---|---|--|
| Broilers (fan ventilated, fully littered floor, non-leaking drinkers) |   | Total value for each animal type                               |
|   |   |  |
|   |   |  |
|   |   |  |
|   |   |  |
|   |   |  |
|   |   |  |
| <b>Total</b>  | -   | Aggregate value to provide total installation emissions        |

Operator's comments:

**Phosphorus excretion**

| Animal type   | Emission Factor utilised in Kg P <sub>2</sub> O <sub>5</sub> /animal place /year | Total Value for animal type/housing type in kg N excreted/year |
|---|--|--|
| Broilers (fan ventilated, fully littered floor, non-leaking drinkers) |  | Total value for each animal type                               |
|   |  |  |
|   |  |  |
|   |  |  |
|   |  |  |
|   |  |  |
|   |  |  |
| <b>Total</b>  | -  | <b>Aggregate value to provide total installation emissions</b> |

Operator's comments:

**Dust emissions**

| Animal type   | Emission Factor utilised in Kg PM10 dust/animal place /year | Total Value for animal type/housing type in kg PM10 dust /year |
|---|---|--|
| Broilers (fan ventilated, fully littered floor, non-leaking drinkers) |   | Total value for each animal type                               |
|   |   |  |
|   |   |  |
|   |   |  |
|   |   |  |
|   |   |  |
|   |   |  |
| <b>Total</b>  | -   | Aggregate value to provide total installation emissions        |

Operator's comments:

Signed .....

Date.....

(Authorised to sign as representative of Operator)