

Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

T L Whittall Limited
Hergest Camp Farm
Lower Hergest
Kington
Hereford
Herefordshire
HR5 3ER

Permit number

EPR/BP3003MP

Hergest Camp Farm

Permit number EPR/BP3003MP

Introductory note

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

The main features of the permit are as follows.

Hergest Camp Farm is situated approximately 2.5 kilometres southwest of Kington, Hereford. The installation is approximately centred on National Grid Reference SO 27597 54676.

The Installation is operated by T L Whittall Limited and comprises six poultry houses, numbered one to six, for broilers. The six poultry houses provide a combined capacity for 215,000 bird places. The houses are stocked with day-old chicks, which are grown until they reach slaughter weight (approximately 36 - 39 days of age); with thinning taking place at approximately 29 - 33 days of the growth cycle, where approximately 30% of the birds are taken. There is approximately seven days between cycles. This equates to approximately eight cycles each year.

All poultry houses are ventilated by high velocity roof fans with emission points higher than 5.5 metres above ground level and an efflux speed at or greater than 7 metres per second. All houses also have gable end fans, although these are operated infrequently to maintain temperature, typically during times of hot weather.

Birds are fed a minimum of three diets during their growth, with gradually reducing levels of protein and phosphorus as bird age increases. Feed is delivered from an accredited feed mill and blown into bulk feed bins situated at the ends of the houses and distributed to the birds via a pan feeding system. Water is supplied to the livestock via a nipple drinking system fitted with cups to reduce leakage and spills.

At depletion, the litter is removed from the site and sold to a third party and spread to land. Water from the wash out of poultry houses is channelled to underground dirty water collection tanks to await export from the site. In addition, spent footbath disinfectants are added to the storage tanks. Wash water is spread (in accordance with a manure management plan for the receiving land and NVZ rules, if applicable) on operator-owned land or with a contingency of a licensed disposal company. Heating for the poultry houses is provided by LPG heaters.

Roof water from the poultry houses and yard water (excluding all times yards are contaminated e.g. catching, mucking out or washing, when water from the yard drains to the underground dirty water tanks) from between poultry houses 1 – 4 drain to either French drains, which sit adjacent to poultry houses 1 - 4, or to clean water drains adjacent to houses 1 and 3, which ultimately drain to the River Arrow via settlement chambers/sediment traps, situated immediately to the north west of poultry house 1. Yard water (excluding all times yard is contaminated e.g. catching, mucking out or washing, when water drains to underground dirty water tanks) from the south of poultry houses 1 – 4 drains to a soakaway pond via a pipe to the southwest of poultry house 1. Roof water from poultry houses 5 and 6 and clean yard water from between and to the north and south of houses 5 and 6 (excluding all times yards are contaminated e.g. catching, mucking out or washing) is collected via gutters, downpipes and clean water drains, and drains via an underground pipe to a stone filled underground soakaway, which is covered with grass, to the north of houses 5 and 6. Yard water (excluding all times yard is contaminated e.g. catching, mucking out or washing, when water from the yard drains to underground dirty water tanks) from the north of poultry house 6 drains via two outlets in the kerb wall, to a stone filled soakaway. There is an outlet to the River Arrow, via settlement chambers/sediment traps (situated immediately to the northwest of poultry house 1), which receives clean yard water (excluding all times yards are contaminated e.g. catching, mucking out or washing, when water from the yard drains to the underground dirty water tanks) from the yard to the north of poultry houses 1 – 4. During clean out operations a diverter valve is used to channel yard surface water to the underground dirty water collection tanks for exporting off site to be spread on operator owned land.

The land around the site is predominantly agricultural. The surrounding topography is relatively flat and low lying. Associated food is stored on the installation in sealed food bins. Fallen stock during the production cycle are collected and recorded daily and stored in freezers in a purpose-built building on site. The carcasses are collected regularly (once a week at the start of the cycle, rising to three times per week near to the end of the

cycle) by a licensed collection agent under the National Fallen Stock Scheme. At the end of the cycle the houses are depopulated, washed, and disinfected ready for the next cycle.

There are no Special Areas of Conservation (SAC), Special Protection Areas (SPA) or Ramsar sites within 5km of the Installation. There are nine Sites of Special Scientific Interest (SSSI) within 5km of the installation, and 37 other nature conservation sites within 2km comprising of 19 Local Wildlife Sites (LWS) and 18 Ancient Woodlands. An assessment of the impact of emissions has been carried out and the Installation is considered to have no adverse effect on the nature conservation sites, with the exception of one LWS for which an assessment has been carried out and the impact is considered acceptable.

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

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/BP3003MP/A001	Duly made 11/04/2022	Application for an intensive farming poultry installation permit.
Additional information requested 04/07/2022	10/08/2022	Further details provided on site infrastructure, manure management, site drainage, poultry growth cycle, placement of turkeys, and odour management, and receipt of revised and additional documents as detailed in Table S1.2, in response to Schedule 5 Notice.
Additional information requested 13/12/2022	07/02/2023	Further details provided on odour management and contingency measures, noise management and contingency measures, site drainage, standby generator, and site photographs, and receipt of revised and additional documents as detailed in Table S1.2, in response to Schedule 5 Notice.
Additional information requested 28/02/2023	28/02/2023	Reformatted odour management plan provided.
Additional information requested 21/03/2023	30/03/2023	Further details confirming sensitive receptor details incorporated into a revised dust and bioaerosol management plan.
Additional information requested 06/03/2023	03/04/2023	Updated odour management plan received, and heat exchanger and odour abatement information provided.
Additional information requested 05/04/2023	11/04/2023	Updated information on historic placement of male and female turkeys.
Additional information requested 11/04/2023	11/04/2023	Updated information provided on odour abatement plans.
Additional information requested 19/06/2023	26/06/2023	Further details provided on Installation name, clarification of poultry manure destination and detail of wash water spreading and contingency measures, frequency of carcass collections and odour management plan amendments and receipt of revised Technical Standards document.
Additional information received	28/06/2023	Revised Odour Management Plan provided.
Additional information received	29/06/2023	Revised site layout/drainage plan provided.
Additional information requested 14/03/2024	15/03/2024	Further details provided for standby generator operation.
Permit determined EPR/BP3003MP (billing reference: BP3003MP)	DD/MM/YYYY	Permit issued to T L Whittall Limited.

End of introductory note

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/BP3003MP

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

T L Whittall Limited (“the operator”),

whose registered office is

The Old Rectory

Moccas

Hereford

Herefordshire

HR2 9LA

company registration number **04208774**

to operate an installation at

Hergest Camp Farm

Lower Hergest

Kington

Hereford

Herefordshire

HR5 3ER

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; and
 - (b) maintain records of fuel and energy consumption used in the activities.

1.3 Efficient use of raw materials

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

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

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

2 Operations

2.1 Permitted activities

- 2.1.1 The only activities authorised by the permit are the activities specified in schedule 1 table S1.1 (the "activities").

2.2 The site

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

2.3 Operating techniques

- 2.3.1 The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by the Environment Agency.
- 2.3.2 If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan or other documentation ("plan") specified in schedule 1, table S1.2 or otherwise required under this permit which identifies and minimises the risks of pollution relevant to that plan, and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 2.3.3 The operator shall maintain and implement a system to record the number of animal places and animal movements.
- 2.3.4 The operator shall ensure that a diet formulation and nutritional strategy is used to reduce the total nitrogen and total phosphorus excreted.
- 2.3.5 The operator shall take appropriate measures in disposal or recovery of solid manure or slurry to prevent, or where this is not practicable, to minimise pollution.
- 2.3.6 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.
- 2.3.7 The operator shall ensure that where waste produced by the activities is sent to a relevant waste operation, that operation is provided with the following information, prior to the receipt of the waste:
- (a) the nature of the process producing the waste;
 - (b) the composition of the waste;
 - (c) the handling requirements of the waste;
 - (d) the hazardous property associated with the waste, if applicable; and
 - (e) the waste code of the waste.

2.4 Improvement programme

- 2.4.1 The operator shall complete the improvements specified in schedule 1 table S1.3 by the date specified in that table unless otherwise agreed in writing by the Environment Agency.
- 2.4.2 Except in the case of an improvement which consists only of a submission to the Environment Agency, the operator shall notify the Environment Agency within 14 days of completion of each improvement.

2.5 Pre-operational conditions

2.5.1 The activities shall not be brought into operation until the measures specified in schedule 1 table S1.4 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;
- (c) of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.

4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.

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

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

Where the operator is a registered company:

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

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

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

In any other case:

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

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

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

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

4.4 Interpretation

4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.

4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made “immediately”, in which case it may be provided by telephone.

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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 215,000 broiler places.	From receipt of birds, raw materials and fuels onto the site to removal of birds and associated wastes from site.

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application EPR/BP3003MP/A001	Responses to application form B3.5 and referenced supporting documentation.	11/04/2022
Response to Schedule 5 Notice dated 04/07/2022	Response to Schedule 5 Notice confirming the details of the site infrastructure, manure management, site drainage, poultry growth cycle, placement of turkeys, noise and odour management, and including the receipt of the following documents: <ul style="list-style-type: none"> - (Revised) Contingency's document - (Revised) Emergency Plan - Document titled: Hergest Camp Farm Schedule 5 Responses - (Revised) Installation Boundary - (Revised) Noise and Vibration Hergest Camp Farm risk assessment - (Revised) Non-Technical Summary - (Revised) Odour Assessment Hergest Camp Farm - Receptor Map - Document titled: Washing operations for Hergest Camp Farm 	10/08/2022
Response to Schedule 5 Notice dated 13/12/2022	Response to Schedule 5 Notice confirming details on odour management and contingency measures, noise management and contingency measures, site drainage, standby generator and site photographs, and including the receipt of the following documents: <ul style="list-style-type: none"> - Hergest Camp Farm Schedule 5 Response 1 - (Revised) Noise Management Plan - Monitoring Points Map - Hergest Camp Additional Odour Reduction document - Hergest Camp Farm – Noise Protocol 	07/02/2023
Response to request for further information 21/03/2023	Response to request for further information confirming receptor details, including the receipt of the following documents: <ul style="list-style-type: none"> - (Revised) Dust & Bioaerosol Management Plan 	30/03/2023
Response to request for further information 19/06/2023	Response to request for further information confirming Installation name, clarification on poultry manure destination and detail of wash water spreading and contingency measures, frequency of carcass collections and odour management plan amendments, including the receipt of the following document: <ul style="list-style-type: none"> - (Revised) Technical Standards 	26/06/2023
Additional information received	Revised details of additional odour control measures, including the receipt of the following document: <ul style="list-style-type: none"> - (Revised) Odour Management Plan 	28/06/2023
Additional information received	Revised site drainage information provided, including the receipt of the following document: <ul style="list-style-type: none"> - (Revised) Layout Drainage Plan 	29/06/2023
Additional information requested 14/03/2024	Response to request for further information clarifying operation of standby generator.	15/03/2024

Table S1.3 Improvement programme requirements

Reference	Requirement	Date
IC1	<p>a) The Operator shall carry out the monitoring in accordance with the proposals approved under pre-operational measure 1 in Table S1.4. The Operator shall undertake a review of the odour monitoring results at the Installation and provide a written report to the Environment Agency for approval detailing the results of the monitoring within 1 calendar month of the completion of the monitoring.</p> <p>b) The Operator shall undertake and submit a written review to the Environment Agency for approval of the Odour Management Plan (OMP) for the Installation covering, but not limited to, the following areas:</p> <ul style="list-style-type: none"> • A review of any substantiated odour complaints related to the Installation within the same 12 months as odour monitoring report required in part IC1 (a). • Monitoring conclusions from report in IC1(a). • A review of the effectiveness of the existing odour control measures within the OMP. • An assessment of whether any additional mitigation measures are appropriate. <p>c) Where the review under IC1 (b) concludes a revised OMP is appropriate the Operator shall then submit to the Environment Agency, for approval within 1 calendar month of the completion of the above review, an updated OMP and include within the OMP any additional appropriate measures proposed, including timescales for their implementation. The measures may include, but not be limited to, the installation of additional heat exchangers, or the installation of air scrubber abatement, in light of the report produced in IC1(a).</p>	<p>a) Report to be submitted within 13 calendar months from commencement of broiler operation</p> <p>b) Review to be submitted within 14 calendar months from commencement of broiler operation</p> <p>c) Revised OMP to be submitted within 15 calendar months from commencement of broiler operation</p>
IC2	<p>a) After the Installation has been operational for 12 months, or sooner if requested in writing by the Environment Agency, the Operator shall undertake a review of the Noise Management Plan (NMP) for the Installation and provide a written report to the Environment Agency for approval covering, but not limited to, the following areas:</p> <ul style="list-style-type: none"> • A review of any substantiated noise complaints for the Installation. • A review of the effectiveness of the existing noise control measures within the NMP. • An assessment of whether any additional mitigation measures are appropriate. <p>If requested by the Environment Agency, the review shall include a comprehensive noise assessment report, undertaken by an experienced and suitably qualified person, in accordance with the procedures given in BS4142:2014 + A1:2019 (Methods for rating and assessing industrial and commercial sound). The Operator shall follow the protocol (titled 'Hergest Camp Farm – Noise Monitoring Protocol 3rd February 2023') submitted with the application, or an alternative protocol, as agreed in writing by the Environment Agency. The assessment shall include the identification and assessment of the impact of noise emissions upon surrounding sensitive receptors arising from site operations.</p> <p>b) Where the review under IC2 (a) concludes a revised NMP is</p>	<p>a) Review to be submitted within 13 calendar months from commencement of broiler operation</p>

Table S1.3 Improvement programme requirements

Reference	Requirement	Date
	appropriate, the Operator shall then submit to the Environment Agency, for approval, within 1 calendar month of the completion of the above review, an updated NMP (having regard to IC2a) and include within the NMP any additional appropriate measures proposed, including for the further attenuation and/or management of noise and shall include timescales for their implementation.	b) Revised NMP to be submitted within 14 calendar months from commencement of broiler operation

Table S1.4 Pre-operational measures

Reference	Pre-operational measures
1	<p>The Operator shall submit a written report and obtain the Environment Agency's written approval to it, which includes the specification of the heat exchanger to be installed at one poultry house, and details of the odour monitoring programme which is to commence as soon as the Installation is operational. The heat exchanger shall be installed in accordance with the Environment Agency's written approval.</p> <p>The report shall also include, but not be limited to:</p> <ul style="list-style-type: none"> • Details of a monitoring plan which will compare odour emissions in terms of measuring odour units from the poultry house with the heat exchanger installed, with measurements taken before and after the heat exchanger. • Confirmation that the odour monitoring will meet MCERTS standard 13725 for measurement of odour in terms of odour units with specific reference to ventilation design, allowing sampling to be taken in line with the standard. • Any revised documents required in support of the permit such as, but not limited to, site layout and drainage plans indicating the location of the heat exchanger and revised technical standards. • Any other relevant standards used for the monitoring, and sampling and analysis methodologies used to obtain the data. • A monitoring programme timeline to cover confirmation of installation of monitoring equipment and a minimum of 12 months of monitoring as soon as operations commence with broiler chickens in the poultry house with the heat exchanger installed. • Confirmation of the date of installation of the heat exchanger.

Schedule 2 – Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels	
Raw materials and fuel description	Specification
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Schedule 3 – Emissions and monitoring

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
High velocity roof fan outlets on poultry houses 1 - 6 shown on the site plan in schedule 7	Poultry houses 1 - 6	---	---	---	---	---
Gable end fan outlets on poultry houses 1 - 6 shown on the site plan in schedule 7	Poultry houses 1 - 6	---	---	---	---	---
Exhaust from standby generator as shown on the revised site plan reference 'Hergest Camp Farm Layout Drainage' received 29/06/2023 in support of application EPR/BP3003MP/A001	Standby Generator 0.606MWth	---	---	---	---	---
Vent from oil tank as shown on the revised site plan reference 'Hergest Camp Farm Layout Drainage' received 29/06/2023 in support of application EPR/BP3003MP/A001	Diesel tank	---	---	---	---	---

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

Emission point ref. & location	Source	Parameter	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
French drains acting as soakaways adjacent to poultry houses 1 – 4, as indicated on the revised drainage plan reference 'Hergest Camp Farm Layout Drainage' received 29/06/2023 in support of application EPR/BP3003MP/A001	Roof water from the poultry houses 1 - 4 and water draining from the yard (excluding all times yard is contaminated e.g. catching, mucking out or washing, when water from the yard drains to the underground dirty water tanks) from between poultry houses 1 – 4 drains.	---	---	---	---	---
Outlet to River Arrow, to the northeast of the site, as indicated on the revised drainage plan reference 'Hergest Camp Farm Layout Drainage' received 29/06/2023 in support of application EPR/BP3003MP/A001	Roof water from the poultry houses 1 – 4 via French drains and water draining from the yard (excluding all times yard is contaminated e.g. catching, mucking out or washing, when water from the yard drains to the underground dirty water tanks) adjacent to houses 1 & 2 and 3 & 4 all via sediment traps prior to discharge.	---	---	---	---	---
Outlet to River Arrow, as indicated on the revised drainage plan reference 'Hergest Camp Farm Layout Drainage' received 29/06/2023 in support of application EPR/BP3003MP/A001	Water draining from the yard (excluding all times yards are contaminated e.g. catching, mucking out or washing, when water from the yard drains to the underground dirty water tanks) from the yard north of poultry houses 1 – 4, via a settlement pit and sediment traps prior to discharge.	---	---	---	---	---

Outlet to soakaway pond via a pipe to the southwest of poultry house 1, as indicated on the revised drainage plan reference 'Hergest Camp Farm Layout Drainage' received 29/06/2023 in support of application EPR/BP3003MP/A001	Water draining from the yard (excluding all times yard is contaminated e.g. catching, mucking out or washing) from the south of poultry houses 1 – 4.	---	---	---	---	---
Outlet to stone filled underground soakaway north of poultry house 5 & 6 as indicated on the revised drainage reference 'Hergest Camp Farm Layout Drainage' received 29/06/2023 in support of application EPR/BP3003MP/A001	Roof water from poultry houses 5 & 6, and yard water from between and to the north and south of houses 5 & 6 (excluding all times yard is contaminated e.g. catching, mucking out or washing), collected via gutters, downpipes and clean water drains.	---	---	---	---	---
Outlet to stone filled soakaway north of poultry house 6 via two outlets in the kerb wall, as indicated on the revised drainage plan reference 'Hergest Camp Farm Layout Drainage' received 29/06/2023 in support of application EPR/BP3003MP/A001	Water draining from the yard (excluding all times yard is contaminated e.g. catching, mucking out or washing, when water from the yard drains to the underground dirty water tanks) from the north of poultry house 6.	---	---	---	---	---

Emission point reference or source or description of point of measurement	Parameter	Limit (incl. Unit)	Monitoring frequency	Monitoring standard or method
Broilers in houses 1 - 6	kg N excreted/animal place/year	0.6kg N/animal place/year	Annually	Estimation by using manure analysis for total nitrogen content
	kg P ₂ O ₅ excreted/animal place/year	0.25kg P ₂ O ₅ animal place/year	Annually	Estimation by using manure analysis for total phosphorus content
	kg NH ₃ /animal place/year	0.08kg NH ₃ /animal place/year	Annually	Estimation using emission factors
	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.

Table S4.1 Reporting of monitoring data			
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

Table S4.3 Reporting forms		
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/YYYY <i>(date of issue)</i>
kg N excreted/animal place/year	Form Process Monitoring 1 or other form as agreed in writing by the Environment Agency	DD/MM/YYYY <i>(date of issue)</i>
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/YYYY <i>(date of issue)</i>
Dust atmospheric mass emission	Form Process Monitoring 1 or other form as agreed in writing by the Environment Agency	DD/MM/YYYY <i>(date of issue)</i>

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 breach of permit conditions not related to limits	
To be notified within 24 hours of detection	
Condition breached	
Date, time and duration of breach	
Details of the permit breach i.e. what happened including impacts observed.	
Measures taken, or intended to be taken, to restore permit compliance.	

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

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

“Manure and slurry” have the following meaning:

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

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

“pests” means Birds, Vermin and Insects.

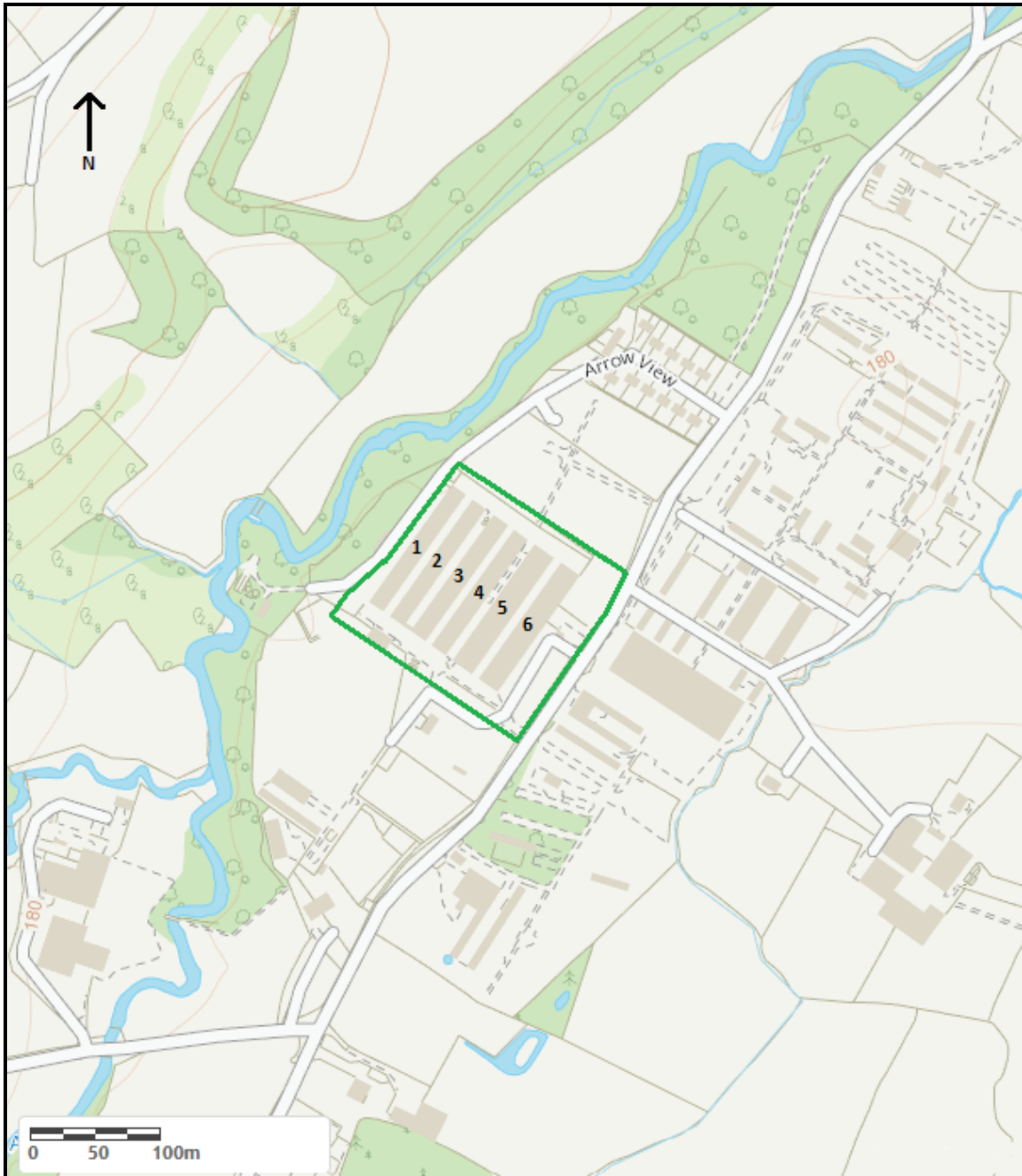
“Waste code” means the six digit code referable to a type of waste in accordance with the List of Wastes and in relation to hazardous waste, includes the asterisk

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

“year” means calendar year ending 31 December.

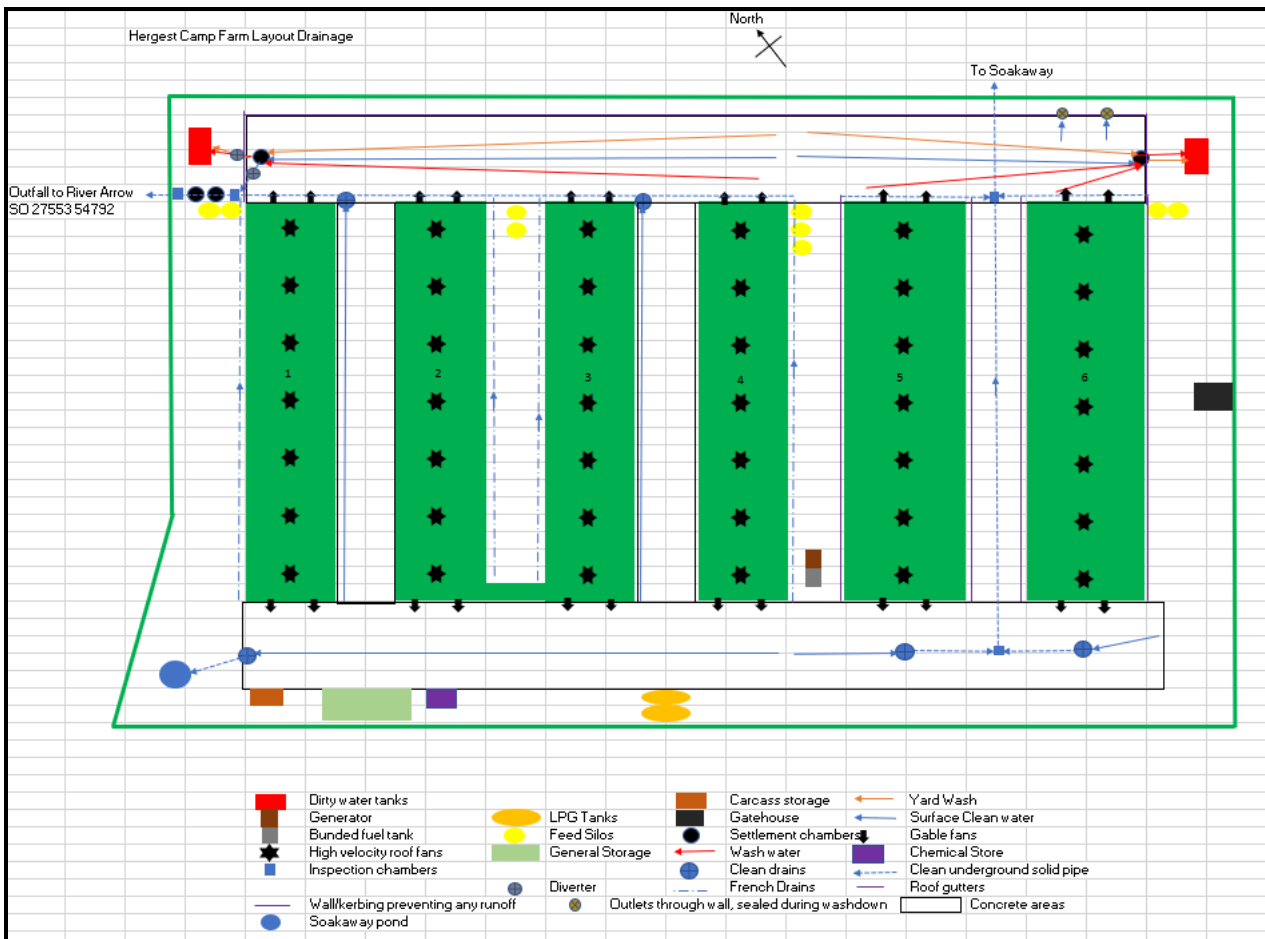
Schedule 7 – Site plan

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



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Site layout plan



END OF PERMIT