



Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Moorefield Farm Limited

Moorfield Farm
Lilley Green Road
Alvechurch
Birmingham
B48 7HD

Variation application number

EPR/FP3837QF/V002

Permit number

EPR/FP3837QF

Moorfield Farm

Permit number EPR/FP3837QF

Introductory note

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

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

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

This variation authorises the following changes:

- Change in number of birds and type of birds from 150,000 pullets to 185,000 broilers.
- Replacement of the lagoon with an underground concrete slurry pit, fitted with floating cover.
- Table S3.2 amended to remove reference to the lagoon.
- Change to Operator's registered address.
- IC1, 2 and 3 in Table S1.3 marked as 'complete'.

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

The rest of the installation is operated as follows:

Moorfield Farm Poultry Unit is operated by Moorefield Farm Limited and is located approximately 4 kilometres to the east of Alvechurch, in Worcestershire. The M42 motorway runs along the southern boundary of the installation. The installation is approximately centred on National Grid Reference SP 06776 73124.

The installation comprises five poultry houses, numbered one to five, which operate a fully littered floor system for the rearing of chicken for meat production; the houses provide a combined capacity for 185,000 broilers. Chicks are brought in from hatchery at a day old and at 35 days a proportion of the birds are removed for slaughter, with the remaining birds reared for approximately 41 to 42 days, before being transported off site for processing. Houses are empty for clean out for approximately 10 days, giving around 7 cycles per annum.

The houses are ventilated using roof inlets and side extraction fans. All five houses also have gable end fans, although these are operated infrequently to maintain temperature, typically in the summer months. The houses are warmed by Liquid Petroleum Gas (LPG).

At the end of the growing period, all birds are removed from the houses and the litter is exported off site and sold for spreading on third party land. The empty houses are then washed and disinfected ready for the next crop. The wash water is channelled to an underground concrete slurry pit, fitted with floating cover, and subsequently the contents are exported off site and spread on third party land. Roof water from the poultry houses is intercepted, via grassed areas acting as soakaways and French drains, prior to discharge to ditch. Yard surface water (excluding all times yards are contaminated e.g. catching, mucking out or washing) is intercepted via French drains prior to discharge to ditch. The ditch ultimately drains to the River Cole. During clean out operations a diverter valve is used to channel yard surface water to the underground slurry pit for exporting off site.

There is one standby generator, with a net thermal rated input of 0.378MWth, for use in the event of mains power failure. The generator will not be tested for more than 50 hours per annum, and will not be used for

more than 500 hours per annum, averaged over a 3 year period. The generator falls outside of the requirements of the Medium Combustion Plant Directive.

The land around the site is used primarily for arable farming, although there are some wooded areas and meadows. Associated food is stored on the installation in silos adjacent to the poultry houses, positioned away from site traffic. Mortalities are collected from the houses daily and stored in locked and sealed containers on site, prior to removal and disposal, at least twice weekly, in accordance with the Animal By-Product Regulations.

There are no Special Areas of Conservation (SAC), Special Protection Areas (SPA) or Ramsars within 5km of the installation. There are seven Sites of Special Scientific Interest (SSSI) within 5km of the installation, and fifteen other nature conservation sites within 2km comprising of eight Local Wildlife Sites (LWS) and seven 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.

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

The schedules specify the changes made to the permit.

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

Status log of the permit		
Description	Date	Comments
Application EPR/HP3638TN/A001	Duly made 02/09/10	Application for an intensive farming poultry installation permit.
Additional information received	02/09/10 and 28/09/10	Ammonia modelling.
Additional information received	21/12/10	21/12/10 Housing and drainage.
Additional information received	19/01/11 and 28/01/11	Drainage details and site closure plan.
Permit determined EPR/HP3638TN/A001	02/03/2011	Original permit issued to Seafield Pedigrees Limited.
Application EPR/FP3837QF/T001 (full transfer of permit EPR/HP3638TN)	26/02/2019	Application to transfer the permit in full to Moorefield Farm Limited.
Transfer determined EPR/FP3837QF	05/03/2019	Full transfer of permit complete.
Application EPR/FP3837QF/V002 (variation and consolidation)	Duly made 19/04/23	Application to change bird type and number from 150,000 pullets to 200,000 broilers.
Additional information received	09/05/23, 10/05/23 22/05/23 & 31/05/23	Revised odour management plan, noise management plan, fugitive emissions risk assessment, site drainage plan, site plan, standby generator details and confirmation lagoon has been replaced with an underground slurry pit.
Additional information received	07/06/23	Confirmation of reduction in bird numbers to 185,000 broilers.
Variation determined EPR/FP3837QF	14/06/23	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/FP3837QF

Issued to

Moorefield Farm Limited (“the operator”)

whose registered office is

**28 Blackwood Road
Sutton Coldfield
B74 3PH**

company registration number 11189897

to operate an installation at

**Moorfield Farm
Lilley Green Road
Alvechurch
Birmingham
B48 7HD**

to the extent set out in the schedules.

The notice shall take effect from 14/06/2023.

Name	Date
Rebecca Warren	14/06/2023

Authorised on behalf of the Environment Agency

Schedule 1

All conditions have been varied by the consolidated permit EPR/FP3837QF 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/FP3837QF

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/FP3837QF/V002 authorising,

Moorefield Farm Limited (“the operator”),

whose registered office is

**28 Blackwood Road
Sutton Coldfield
B74 3PH**

company registration number 11189897

to operate an installation at

**Moorfield Farm
Lilley Green Road
Alvechurch
Birmingham
B48 7HD**

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

Name	Date
Rebecca Warren	14/06/2023

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 authorised by the permit is the activity specified in schedule 1 table S1.1 (the “activities”).

2.2 The site

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

2.3 Operating techniques

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

2.4 Improvement programme

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

3 Emissions and monitoring

3.1 Emissions to water, air or land

- 3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points specified in tables 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.

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 185,000 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/HP3638TN/A001	Responses to the application form and supporting documents.	Duly made 02/09/10
Response to Schedule 5 Notice dated 03/12/10	Housing and drainage details.	21/12/10
Additional information requested 19/01/11	Drainage details and site closure plan.	19/01/11 & 28/01/11
Application EPR/FP3837QF/V002	Responses to Part C3.5 of the application form and referenced supporting documentation, and additional information received in response to not duly made request for information, including receipt of the following: <ul style="list-style-type: none"> • Environmental risk assessment (noise, odour and accident). • Ammonia modelling assessment and data input files. • Details of number of birds and side fans per house. • Technical standards document. • Confirmation of compliance with all relevant best available techniques (BAT) conclusions as defined in the intensive rearing of poultry or pigs (IRPP) BAT conclusions document, dated 21/02/17. 	Duly made 19/04/23
Additional information requested 26/04/23 & 10/05/23	Revised odour management plan, noise management plan, fugitive emissions risk assessment, site plan and standby generator details.	09/05/23 & 10/05/23
Additional information requested 19/05/23	Confirmation that the lagoon for storage of wash water and dirty water has been replaced with an underground concrete slurry pit, fitted with floating cover.	22/05/23
Additional information requested 31/05/23	Revised site drainage plan.	31/05/23
Additional information requested 07/06/23	Revision of broiler numbers to 185,000 birds.	07/06/23

Table S1.3 Improvement programme requirements

Reference	Requirement	Date
IC1	<p>A written plan shall be submitted to the Environment Agency for approval detailing proposals for replacing or covering existing uncovered slurry stores and lagoons to comply with the requirements of S3.2 of SGN How to Comply – Intensive Farming, Version 2. The proposals shall include a timetable for the replacement and refurbishment work. 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 ¹
IC2	<p>A written plan shall be submitted to the Environment Agency for approval, following a review of the lightly contaminated and dirty water site drainage at the installation.</p> <p>The plan should take into account the appropriate measures for the management of lightly contaminated and dirty water drainage systems and run-off in S3.2 of SGN How to Comply – Intensive Farming, Version 2, and include a timetable for any identified improvements to the drainage system. 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 ²
IC3	<p>The Operator shall submit a written emissions reduction plan to the Environment Agency for approval containing proposals that reduce ammonia emissions from the permitted installation.</p> <p>The plan must demonstrate the contribution from the permitted installation to the ammonia concentration in air at the Nature Conservation Sites known as Moorfield Coppice, Ponds North of Watery Lane and the River Cole Local Wildlife Sites are no more than 3µg/m³ as an annual average.</p> <p>The plan must demonstrate the contribution from the permitted installation to the nutrient nitrogen deposition at the Nature Conservation Sites known as Moorfield Coppice, Ponds North of Watery Lane and the River Cole Local Wildlife Sites are no more than 10kg/ha/yr as an annual average.</p> <p>The plan must demonstrate the contribution from the permitted installation to acidification at the Nature Conservation Sites known as Moorfield Coppice, Ponds North of Watery Lane and the River Cole Local Wildlife Sites are no more than 2.74 keq/ha/yr as an annual average.</p> <p>The emission reduction plan shall contain timescales for the implementation of the individual measures proposed which shall be by 02 March 2013</p>	Complete ³

Notes:

- 1 Due to changes in guidance, IC1 is no longer applicable for slurry lagoons used purely for storing poultry wastewater.
- 2 IC2 satisfied following review of drainage proposals submitted with variation application EPR/FP3837QF/V002.
- 3 IC3 satisfied following change in livestock type and number, as a result of variation application EPR/FP3837QF/V002.

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
Gable end fan outlets on poultry houses 1 to 5 as shown on the site drainage plan in schedule 7	Poultry houses 1 to 5	---	---	---	---	---
Side fan outlets on poultry houses 1 to 5 as shown on the site drainage plan in schedule 7	Poultry houses 1 to 5	---	---	---	---	---
Exhaust from standby generator as shown on the site drainage plan in schedule 7	Standby Generator	---	---	---	---	---
Vent from oil tank as shown on the site drainage plan in schedule 7	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
Grassed areas acting as soakaway, running alongside houses 1 to 5, and along western gables of poultry houses 1 to 5, as indicated on the site drainage plan in schedule 7	Roof water from poultry houses 1 to 5	---	---	---	---	---
Outlet to ditch north-west of poultry house 5 as indicated on the site drainage plan in schedule 7, which ultimately drains to the River Cole.	Roof water from poultry houses 1 to 5, intercepted by soakaway and French drains prior to discharge	---	---	---	---	---
Outlet to ditch north-east of poultry house 5 as indicated on the site drainage plan in schedule 7, which ultimately drains to the River Cole.	Water draining from yard to the east of houses 1 to 5 (excluding all times yards are contaminated e.g. catching,					

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

Emission point ref. & location	Source	Parameter	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
	mucking out or washing) intercepted by French drains prior to discharge					

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 5	kg N excreted/animal place/year	0.6 kg N/animal place/year	Annually	Estimation by using manure analysis for total nitrogen content
	kg P ₂ O ₅ excreted/animal place/year	0.25 kg P ₂ O ₅ animal place/year	Annually	Estimation by using manure analysis for total phosphorus content
	kg NH ₃ /animal place/year	0.08 kg 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 S4.2 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	14/06/23
kg N excreted/animal place/year	Form Process Monitoring 1 or other form as agreed in writing by the Environment Agency	14/06/23
kg P ₂ O ₅ excreted/animal place/year	Form Process Monitoring 1 or other form as agreed in writing by the Environment Agency	14/06/23
Dust atmospheric mass emission	Form Process Monitoring 1 or other form as agreed in writing by the Environment Agency	14/06/23

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.

“Existing housing” means housing that is not defined as new housing.

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

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

“Industrial Emissions Directive” means DIRECTIVE 2010/75/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 24 November 2010 on industrial emissions, as read in accordance with Schedule 1A to the Environmental Permitting (England and Wales) Regulations 2016.

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

“Manure and slurry” have the following meaning:

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

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

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

“pests” means Birds, Vermin and Insects.

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

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

“year” means calendar year ending 31 December.

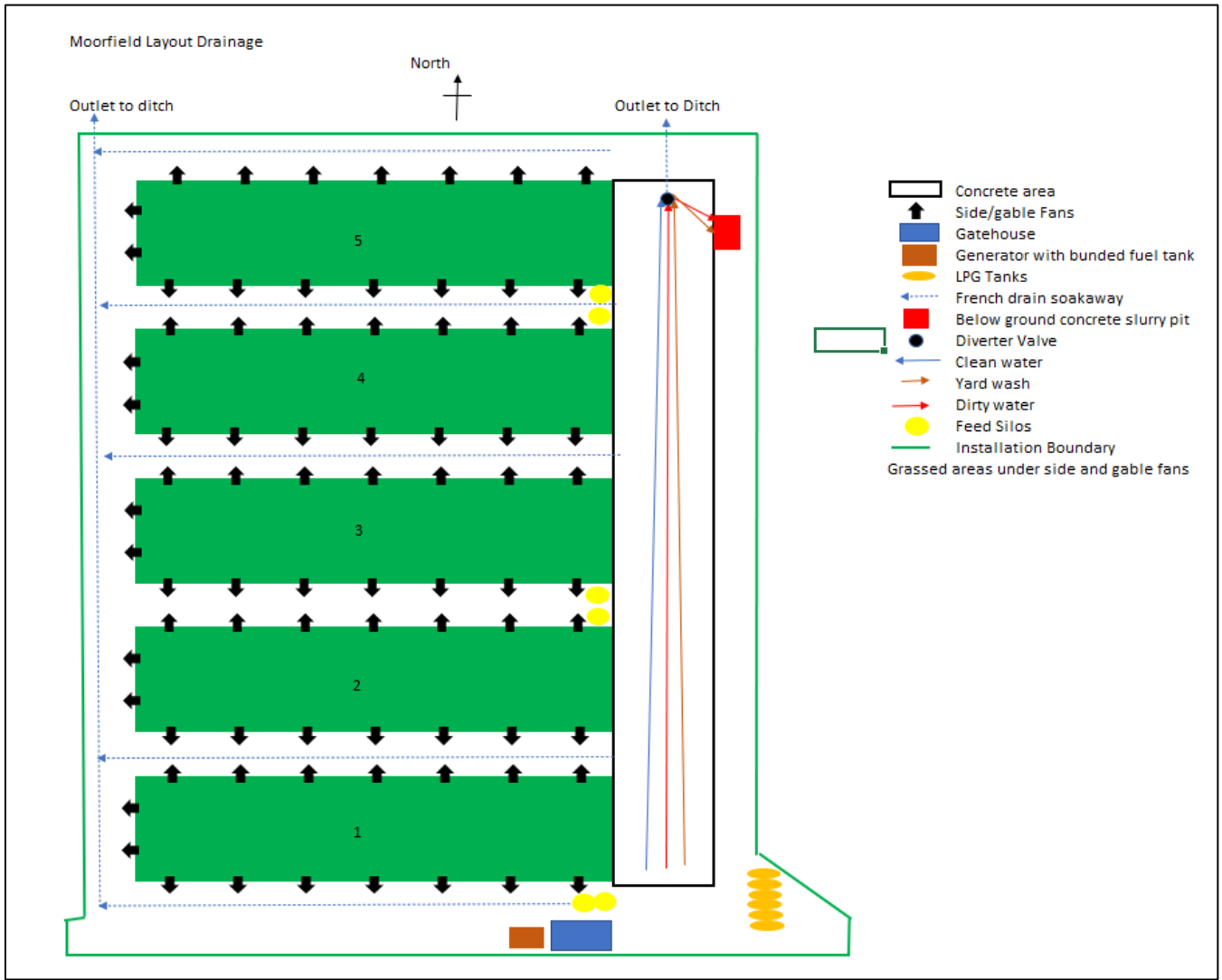
Schedule 7 – Site plan

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



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Site drainage plan



END OF PERMIT