

Surrender and variation notice with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

D. Millard, C. Millard and P. Millard (trading as Halfpenny Farm)

Halfpenny Farm Poultry Unit
Halfpenny Farm
Cold Pool Lane
Badgeworth
Cheltenham
Gloucestershire
GL51 4UP

Surrender application number

EPR/QP3537MC/S004

Permit number

EPR/QP3537MC

Halfpenny Farm Poultry Unit

Permit number EPR/QP3537MC

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) part surrenders and variations may comprise a consolidated permit reflecting the variations and a notice specifying the variations included in that consolidated permit.

The following notice gives notice of the surrender in part, and variation, of an environmental permit and any changes made as a result are set out in the schedules. This includes varied conditions as a result of a review in order to ensure compliance with the Best Available Techniques (BAT) Conclusions for the Intensive Rearing of Poultry or Pigs, dated 21 February 2017.

Halfpenny Farm Poultry Unit is situated to the north east of the village of Badgeworth. The installation is approximately centred on grid reference 390673,220282.

As a result of a part surrender application made by the operator, poultry houses 1 and 2, comprising a total of 36,000 bird places, have been removed from the permit. This includes associated land, a biomass boiler, biomass fuel storage, water emissions, a standby generator and diesel fuel tank. Land around the remaining poultry houses, numbered 3 and 4, has also been reduced in size.

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

The installation is operated by D. Millard, C. Millard and P. Millard (trading as Halfpenny Farm) and comprises two broiler houses with a stocking capacity of 127,000 places designed for rearing broiler chickens for meat production.

The houses are of wooden construction, with metal roofs and concrete bases. Nipple drinker lines are used to minimise water use and maintain dry litter. This, together with good environmental control in the houses, helps to maintain good litter condition and hence reduce ammonia and odours. Water consumption is monitored and recorded daily from individual meters in the sheds. Ventilation for the poultry houses is provided by roof fan extraction outlets and additional gable end fans for use in the summer.

Feed is delivered from the company UKASTA accredited feed mill and blown into bulk feed bins situated at the ends of the houses, from the feed bins the feed is augered into the houses and distributed to the birds via a pan feeding system. Birds which die during the production cycle are removed from the houses each day and the numbers are recorded. The carcasses are collected by a licensed collection agent under the National Fallen Stock Scheme.

Birds will be housed at day old and de-populated at around thirty-five to forty-nine days of age with approximately seven days empty between cycles, which will give between 6 to 8.5 cycles per annum. This will be done on an "all-in/all-out" basis. Upon depletion of the site all birds and litter are removed from the houses and the whole installation is washed down and disinfected before beginning the next cycle. The wash water is directed via gullies and drains to underground tanks. The tanks and pits are emptied by tanker when site wash down is complete.

The three biomass boilers, with an aggregated thermal rated input not exceeding 0.63 MWth, burn clean virgin woodchip to generate hot water heating for the poultry houses. The biomass boilers meet the technical criteria to be eligible for the Renewable Heat Incentive. The fuel storage building has a capacity of 50 tonnes. Boiler ash is stored securely in sealed heat proof containers awaiting disposal off-site as a waste with litter at crop depletion.

Wash water and used litter is removed from site and spread on third party land. All roof water from the poultry houses and yard water (excluding poultry house wash out periods) discharges to the watercourse via a series of French drains.

Releases from this type of installation may include releases of ammonia and dust to air, releases to controlled water, land and groundwater together with odour and noise. The installation will not have a “significant effect” on a European designation (within 5 km) or Sites of Special Scientific Interest (within 5km) as they have previously been screened out from requiring further assessment by use of the AQMAU AFP1 screening tool.

There are human sensitive receptors within 400 metres of the installation boundary.

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 QP3537MC	Duly made 23/01/07	Application for an intensive poultry farm with capacity for 159,000 broiler places.
Additional information received	16/08/07	
Permit determined QP3537MC	05/10/07	Permit issued D. Millard, W. Millard and C. Millard (trading as Halfpenny Farms).
Application EPR/QP3537MC/V002 (variation notice)	Duly made 27/04/09	Application to add an additional partner as permit holder, include an outlet to watercourse, change the capacity of poultry farm to 163,000 broiler places, include a permit condition for spreading on site of wash water and add to Schedule 4 Table 4.1 - Side vent outlets to poultry houses 1 and 2.
Permit determined QP3537MC (PAS ref: BP3830KF)	07/05/09	Permit issued D. Millard, W. Millard C. Millard and P. Millard (trading as Halfpenny Farms).
Application EPR/QP3537MC/V003 (variation and consolidation)	Duly made 06/05/16	Application to vary the permit to add 4 biomass boilers and fuel storage areas.
Additional information received	12/05/16	Amended Biomass Operation – Management and Emergency plan.
Additional information received	24/05/16	Confirmation of fate of wash water, ventilation for poultry house 4 and fate of yard/roof water.
Additional information received	08/06/16	Clarification regarding land drains and fate of wash water and used litter.
Additional information received	28/06/16	Request to remove W. Millard as a permit holder.
Additional information received	29/06/16	Revised site drainage plan and confirmation regarding diverter valve.
Variation determined EPR/QP3537MC (PAS ref: MP3233DT)	30/06/16	Varied and consolidated permit issued in modern condition format. Also implements the requirements of the European Union Directive on Industrial Emissions.
Part surrender application EPR/QP3537MC/S004	Duly made 17/06/20	Application to surrender poultry houses 1 and 2 (36,000 places), 1 biomass boiler and associated permitted area. Additional area also surrendered.
Additional information received	01/07/20	Confirmation of BAT measures/compliance, site boundary, aggregated boiler capacity.
Part surrender determined EPR/QP3537MC (billing ref: TP3002BU)	21/07/20	Part surrender complete. Consolidated permit issued. Permit also reviewed in accordance with Intensive Rearing of Poultry or Pigs (IRRP) BAT Conclusions.

End of introductory note

Notice of surrender and variation

The Environmental Permitting (England and Wales) Regulations 2016

The Environment Agency in exercise of its powers under regulation 25 and 20 of the Environmental Permitting (England and Wales) Regulations 2016 accepts the surrender in part of and varies

Permit number

EPR/QP3537MC

Issued to

D. Millard, C. Millard and P. Millard (trading as Halfpenny Farm) (“the operator”)

of

**Halfpenny Farm
Cold Pool Lane
Badgeworth
Cheltenham
Gloucestershire
GL51 4UP**

to operate a regulated facility at

**Halfpenny Farm Poultry Unit
Halfpenny Farm
Cold Pool Lane
Badgeworth
Cheltenham
Gloucestershire
GL51 4UP**

to the extent set out in the schedules.

This notice shall take effect from 21/07/2020

Name	Date
Maxine Evans	21/07/2020

Authorised on behalf of the Environment Agency

Schedule 1 – changes to the permit

The following conditions were varied as a result of the surrender application made by the operator:

- Condition 2.1.1, by amending table S1.1 (Activities).
- Condition 2.2.1, by amending the plan in Schedule 7 showing the extent of the site.
- Conditions 3.1.1 and 3.1.2, by amending table S3.1 (Point source emissions to air) and table S3.2 (Point source emissions to water).

All remaining conditions have been varied as a result of an Environment Agency initiated variation.

Note: The conditions numbers used in this schedule refer to those in the consolidated permit.

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2010

Permit number

EPR/QP3537MC

This is the consolidated permit referred to in the surrender and variation notice for application EPR/QP3537MC/S004 authorising,

D. Millard, C. Millard and P. Millard (trading as Halfpenny Farm) (“the operator”),

of

**Halfpenny Farm
Cold Pool Lane
Badgeworth
Cheltenham
Gloucestershire
GL51 4UP**

to operate an installation at

**Halfpenny Farm Poultry Unit
Halfpenny Farm
Cold Pool Lane
Badgeworth
Cheltenham
Gloucestershire
GL51 4UP**

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

Name	Date
Maxine Evans	21/07/2020

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 operator is only authorised to carry out the activities specified in schedule 1 table S1.1 (the "activities").

2.2 The site

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

2.3 Operating techniques

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

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

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

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

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

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

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

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

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 listed in schedule 3 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.

3.3.2 The operator shall:

- (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to odour, submit to the Environment Agency for approval within the period specified, an odour management plan which identifies and minimises the risks of pollution from odour; and
- (b) implement the approved odour management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

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.

3.4.2 The operator shall:

- (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to noise and vibration, submit to the Environment Agency for approval within the period specified, a noise and vibration management plan which identifies and minimises the risks of pollution from noise and vibration; and
- (b) implement the approved noise and vibration management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.5 Monitoring

- 3.5.1 The operator shall, unless otherwise agreed in writing by the Environment Agency, undertake the monitoring specified in the following tables in schedule 3 to this permit:
- (a) point source emissions specified in tables S3.1 and S3.2; and
 - (b) process monitoring specified in table S3.3.
- 3.5.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.
- 3.5.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.5.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.

3.6 Pests

- 3.6.1 The activities shall not give rise to the presence of pests which are likely to cause pollution, hazard or annoyance outside the boundary of the site. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved pests management plan, have been taken to prevent or where that is not practicable, to minimise the presence of pests on the site.
- 3.6.2 The operator shall:
- (a) if notified by the Environment Agency, submit to the Environment Agency for approval within the period specified, a pests management plan which identifies and minimises risks of pollution, hazard or annoyance from pests; and
 - (b) implement the pests management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

4 Information

4.1 Records

- 4.1.1 All records required to be made by schedules 3, 4 and 5 to this permit shall:
- (a) be legible;
 - (b) be made as soon as reasonably practicable;
 - (c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and
 - (d) be retained, unless otherwise agreed in writing by the Environment Agency, for at least 6 years from the date when the records were made, or in the case of the following records until permit surrender:
 - (i) off-site environmental effects; and
 - (ii) matters which affect the condition of the land and groundwater.
- 4.1.2 The operator shall maintain convenient access, in either electronic or hard copy, to the records, plans and management system required to be maintained by this permit.

4.2 Reporting

- 4.2.1 The operator shall send all reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.
- 4.2.2 For the following activities referenced in schedule 1, table S1.1 a report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment Agency) each year. The report(s) shall include as a minimum:
- (a) a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data.
- 4.2.3 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the Environment Agency, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:
- (a) in respect of the parameters and emission points specified in schedule 4 table S4.1;
 - (b) for the reporting periods specified in schedule 4 table S4.1 and using the forms specified in schedule 4 table S4.2; and
 - (c) giving the information from such results and assessments as may be required by the forms specified in those tables.
- 4.2.4 The operator shall, unless notice under this condition has been served within the preceding four years, submit to the Environment Agency, within six months of receipt of a written notice, a report assessing whether there are other appropriate measures that could be taken to prevent, or where that is not practicable, to minimise pollution.

4.3 Notifications

- 4.3.1 In the event:
- (a) that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately :—
 - (i) inform the Environment Agency,
 - (ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and
 - (iii) take the measures necessary to prevent further possible incidents or accidents; and
 - (b) of a breach of any permit condition the operator must immediately :—
 - (i) inform the Environment Agency, and
 - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;
 - (c) of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.
- 4.3.2 Any information provided under condition 4.3.1 (a)(i), or 4.3.1 (b)(i) where the information relates to the breach of a limit specified in the permit, shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.
- 4.3.3 Where the Environment Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Environment Agency when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this

information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.

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

Where the operator is a registered company:

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

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

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

In any other case:

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

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

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

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

4.4 Interpretation

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

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

Schedule 1 – Operations

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 127,000 broiler places.	From receipt of birds, raw materials and fuels onto the site to removal of birds and associated wastes from site.
Directly Associated Activity	Description of specified activity	Limits of specified activity
Biomass boiler	Operation of 3 biomass boilers with an aggregated thermal rated input not exceeding 0.63 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.

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application QP3537MC	Responses to Parts B2.3.1, B2.3.2, B2.3.3, B2.6.1, B2.6.2, B2.6.3, B2.7.1 and B2.7.2 in the application form.	23/01/07
Request for further Information	Response to request for information regarding discharge of surface and roof water, collection of wash down water and poultry house ventilation types.	16/08/07
Variation Application EPR/QP3537MC/V003	Responses to Part C3.5 of the application form and all referenced supporting documentation.	06/05/16
Request for further information	Response to Request for Information providing amended Biomass Operation – Management and Emergency plan.	12/05/16
Request for further information	Response to Request for Information confirming the fate of wash water, ventilation for poultry house 4 and the fate of yard/roof water.	24/05/16
Request for further information	Response to Request for Information regarding the land drains and clarifying the fate of the wash water and used litter.	08/06/16
Request for further information	Response to Request for Information providing revised site drainage plan and confirmation regarding diverter valves.	29/06/16
Surrender Application EPR/QP3537MC/S004	Responses to Part E2 of the application form and all referenced supporting documentation.	17/06/20
Request for further information	Response to Request for Information confirming revised aggregated thermal rated input of biomass boilers and confirming that the farm will be operated in accordance with the IRPP BAT Conclusions	01/07/20

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC1	The operator shall bund the Agricultural fuel oil storage facilities to comply with the requirements of S3.3 of TGN How to Comply, Version 1.	Complete
IC2	<p>A written plan shall be submitted to the Agency for approval, following a review of all site drainage at the installation. The plan should take into account the appropriate measures for the management of drainage systems and run-off in S3.3 of TGN How to Comply, Version 1 and include a timetable for any improvements to the drainage system.</p> <p>The notification requirements of condition 2.5.2 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 Agency subject to such amendments or additions as notified by the Agency.</p>	Complete
IC3	<p>A written plan shall be submitted to the 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 S6.2.1 & S6.2.2 of TGN How to Comply, Version 1. 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 2.5.2 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 Agency subject to such amendments or additions as notified by the Agency.</p>	Complete
IC4	<p>Submit a written odour management plan to the Environment Agency for approval. The plan must contain the appropriate measures for odour control specified in:</p> <ul style="list-style-type: none"> • section 3.3 and Appendix 4 of SGN 6.09 How to comply with your environmental permit for intensive farming; • H4 Odour Management - How to comply with your environmental permit; and • BAT Conclusions document for the intensive rearing of poultry or pigs; <p>and must contain dates for the implementation of individual measures.</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> <p>(note: Guidance can be found at www.nfuonline.com/assets/14807)</p>	31/12/2020

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC5	<p>Submit a written noise management plan to the Environment Agency for approval. The plan must contain the appropriate measures for noise control specified in:</p> <ul style="list-style-type: none"> • section 3.4 and Appendix 5 of SGN 6.09 How to comply with your environmental permit for intensive farming; • Environmental permitting: H3 part 2 noise assessment and control; and • BAT Conclusions document for the intensive rearing of poultry or pigs; <p>and must contain dates for the implementation of individual measures.</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>	31/12/2020

Schedule 2 – 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

Emission point ref. & location	Source	Parameter	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
Roof fan outlets on poultry houses as shown on Site Plan B in Schedule 7	Poultry houses 3 and 4	---	---	---	---	---
Gable end fan outlets on poultry houses as shown on Site Plan B in schedule 7	Poultry houses 3 and 4	---	---	---	---	---
Exhaust from standby generator	Standby Generator	---	---	---	---	---
Vent from oil tank	Diesel tank	---	---	---	---	---
Emissions from 3 biomass boilers as shown on Site Plan B in schedule 7	Biomass boilers - Aggregated 0.63 MWth	---	---	---	---	---

Emission point ref. & location	Source	Parameter	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
Outlet to watercourse as shown on Site Plan B in schedule 7.	Roof water from poultry houses 3 and 4 and yard surface water (excluding poultry house wash out periods) intercepted by French drains prior to discharge.	---	---	---	---	---

Table S3.3 Process monitoring requirements				
Emission point ref. & location	Parameter	Limit (incl. Unit)	Monitoring frequency (1)	Monitoring standard or method
All broiler houses as shown on Site Plan B in schedule 7	kg N excreted/animal place/year	From 21/02/2021 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	From 21/02/2021 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	From 21/02/2021 0.08 kg NH ₃ /animal place/year	Annually	Estimation using emission factors
	Dust	n/a	Annually	Estimation using emission factors

Notes

(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.

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

Schedule 5 – Notification

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the EP Regulations.

Part A

Permit Number	
Name of operator	
Location of Facility	
Time and date of the detection	

(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution	
To be notified within 24 hours of detection	
Date and time of the event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances(s) potentially released	
Best estimate of the quantity or rate of release of substances	
Measures taken, or intended to be taken, to stop any emission	
Description of the failure or accident.	

(b) Notification requirements for the breach of a limit	
To be notified within 24 hours of detection	
Emission point reference/ source	
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	

(b) Notification requirements for the breach of a limit	
To be notified within 24 hours of detection	
Measures taken, or intended to be taken, to stop the emission	

Time periods for notification following detection of a breach of a limit	
Parameter	Notification period

(c) Notification requirements for the detection of any significant adverse environmental effect	
To be notified within 24 hours of detection	
Description of where the effect on the environment was detected	
Substances(s) detected	
Concentrations of substances detected	
Date of monitoring/sampling	

Part B – to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	
The dates of any unauthorised emissions from the facility in the preceding 24 months.	

Name*	
Post	
Signature	
Date	

* authorised to sign on behalf of the operator

Schedule 6 – Interpretation

“accident” means an accident that may result in pollution.

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

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

“BAT conclusions for the intensive rearing of poultry or pigs” means C/2017/0688 Commission Implementing Decision (EU) 2017/302 of 15 February 2017 establishing best available techniques (BAT) conclusions, under Directive 2010/75/EU of the European Parliament and of the Council, for the intensive rearing of poultry or pigs

“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 2010 No.675 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.

“manure management plan” means the requirements described in Section 2.3 of SGN 6.09 How to Comply – Intensive Farming.

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

“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.

“pests” means Birds, Vermin and Insects.

“SGN How to comply – Intensive Farming” The EPR Sector Guidance Note 6.09 for intensive pig and poultry farmers, Version 2 published January 2010.

“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

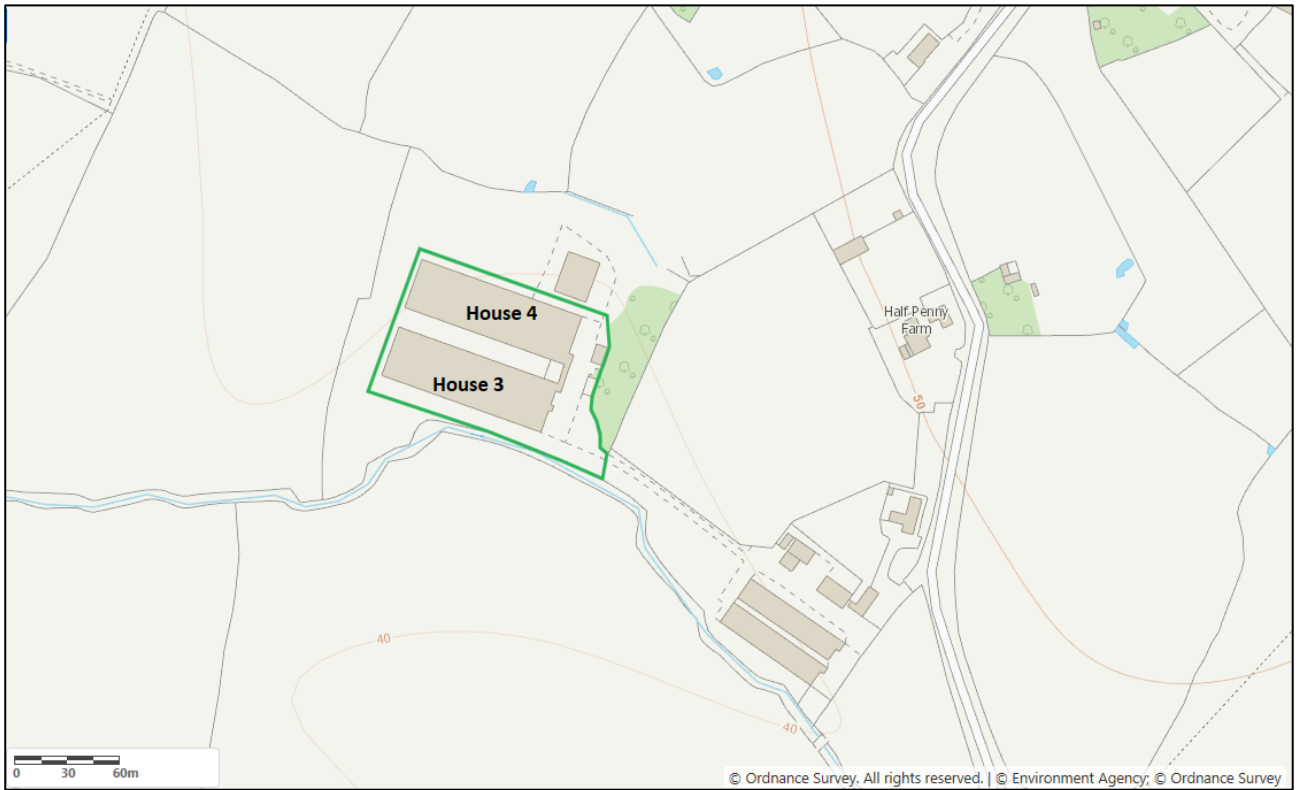
“Waste Framework Directive” or “WFD” means Waste Framework Directive 2008/98/EC of the European Parliament and of the Council on waste.

“year” means calendar year ending 31 December.

Schedule 7 – Site plan

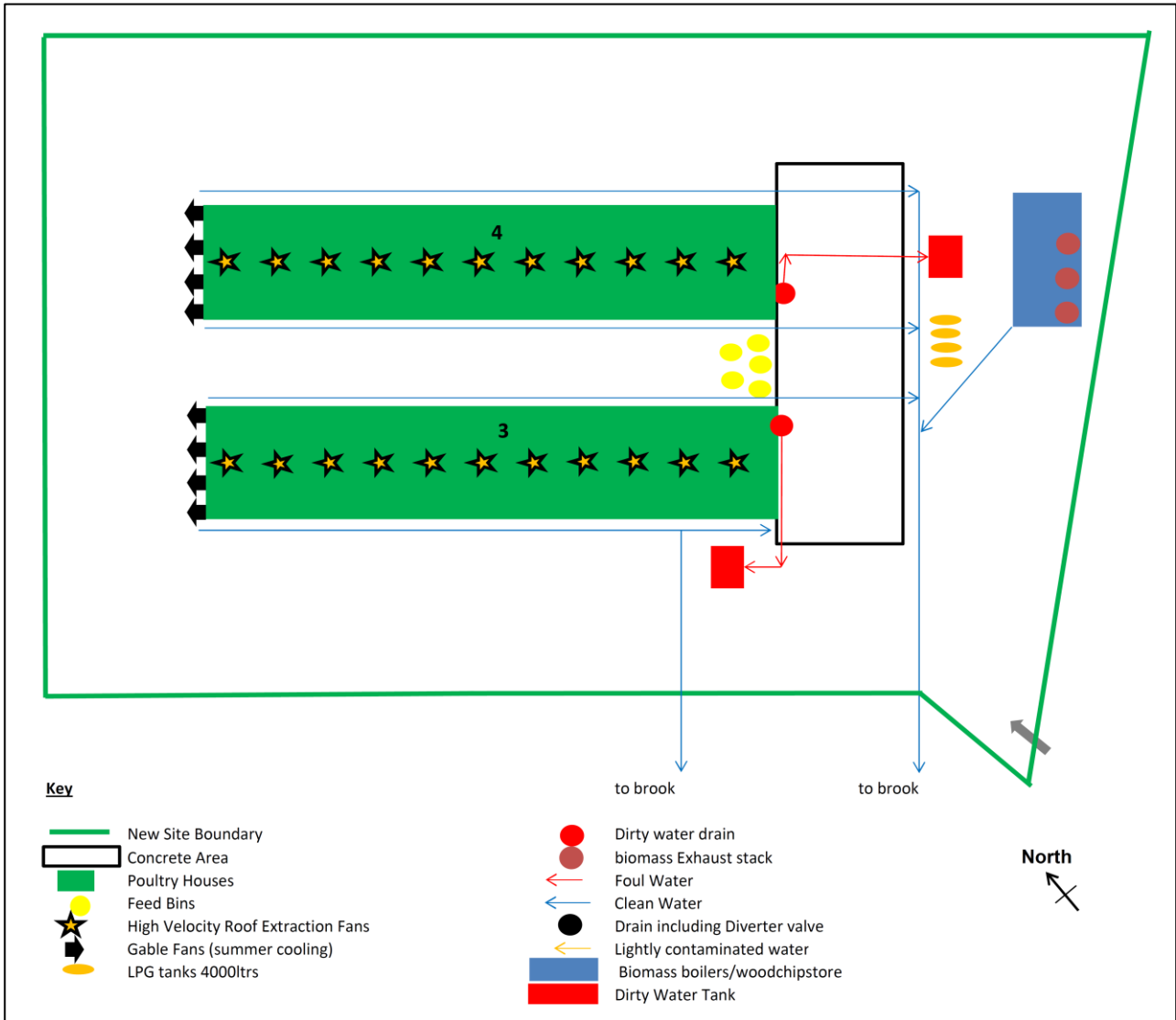
Site Plan A - Location

Site location plan as specified in condition 2.2.1



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Site Plan B - Layout



END OF PERMIT