

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

David Davies & Company LLP (trading as David Davies & Company LLP)

New House Poultry Units
Minsterley
Shrewsbury
Shropshire
SY5 0HR

Variation application number

EPR/GP3537TT/V004

Permit number

EPR/GP3537TT

New House Poultry Units

Permit number EPR/GP3537TT

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 changes below.

New House Poultry Units, operated by David Davies & Company LLP, comprises of two sites: New House Farm and Park Turn Farm. The site was originally permitted for 730,000 egg laying birds at New House Farm, and 120,000 pullets at Park Turn Farm. The original permit also allowed for 10,373 tonnes of manure to be stored at New House Farm, and 1,000 tonnes at Park Turn Farm.

This variation is to, at New House Farm, hold 592,000 egg laying chickens in vertical tiered cages, 65,000 barn layers in an aviary system, and 64,000 free range layers, also in an aviary system. It is also proposed to reduce the number of pullet birds at Park Turn Farm from 120,000 to 110,000.

The amount of manure to be stored on site will be reduced to 5,950 tonnes at New House Farm, with 50 tonnes stored at Park Turn Farm.

The installation boundary is to be extended to allow for the construction of two new buildings for the free range birds and the free range ranging area.

The rest of the operation remains unchanged and an updated description of the installation and its operations is given below for each unit.

New House Farm

New House Farm is centred on National Grid Reference SJ 37695 04049 and is situated approximately one kilometre south of the village of Minsterley.

The site was originally permitted for 730,000 egg laying birds and the storage of 10,373 tonnes of manure.

This variation is to change the operation at New House Farm, to permit 592,000 egg laying chickens in vertical tiered cages in existing houses 5 - 9, 65,000 barn layers in an aviary system in existing houses 4 R1 and 4 R2, and 64,000 free range layers in newly constructed houses FR1 and FR2, also in an aviary system. This is a reduction of birds to 721,000 in total at this site. The amount of manure to be stored on site will be reduced to 5,950 tonnes.

The site at New House Farm has seven existing houses and two newly constructed houses for the free range birds. The free range chickens have daytime access to ranging areas via a series of pop-holes along the sides of the houses. There is an extension to the installation boundary at New House Farm to allow for the construction of the houses and ranging area for the free range birds. All houses will be BAT compliant.

Birds will be brought in from a rearing farm prior to them starting to lay with an average cycle length of 75 weeks. The new free range houses will be ventilated using high velocity roof fans, with emission points higher than 5.5 metres above ground level and efflux speed greater than 11 metres per second, with additional low velocity side fan outlets for cross-house ventilation used infrequently for temperature control in hot weather conditions. Ventilation in the existing houses will remain as low velocity cross-flow ventilation with side fan outlets.

Manure is either forced air dried and removed weekly (all houses except free range) or removed twice weekly via manure belts (free range house). Some litter will be spread to land in the control of the permit holder and the rest will be exported to separately controlled businesses.

Dirty water from yards and animal housing is collected in drains and diverted to an underground storage tank to await export off site to spread on land owned by the operator. All clean water is directed off site via open ditches that leads to the Minsterley Brook, to the north of the site.

Park Turn Farm

Park Turn Farm, centred on NGR SJ 36580 04999, is situated approximately half a kilometre to the west of Minsterley.

The site was originally permitted for 120,000 pullets, and the storage of 1,000 tonnes of manure. This variation is to reduce the number of pullets at Park Turn Farm from 120,000 to 110,000 and to reduce manure storage to 50 tonnes.

No changes to the infrastructure is required, this will remain as side fan outlets for cross-flow ventilation. Manure will be collected from the muck belt and removed from the site. Some litter will be spread to land in the control of the permit holder and the rest will be exported to separately controlled businesses.

Dirty water is collected in underground drains and collected in a holding tank to be exported off site to land owned by the operator. Clean water is collected in drains and diverted via downpipes to an offsite open ditch that subsequently drains to Rea Brook, located to the north of the site.

There is one Special Area of Conservation (SAC) located within 5 kilometres of the installation. There are nine Sites of Special Scientific Interest (SSSI) located within 5 km of the installation; however, four of these are designated for their geological features and have not been considered further. There are also 11 other nature conservation sites, comprising of seven Local Wildlife Sites (LWS), three Ancient Woodlands (AW) and one Local Nature Reserves (LNR) within 2 km of the installation.

We have reviewed the new housing introduced with this permit variation for this installation against the BAT conclusions as defined in Intensive Farming BAT conclusion document dated 21/02/17. The permit conditions and schedules ensure the compliance of the new housing with this BAT conclusions document.

The site is subject to a Climate Change Levy Agreement.

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 EP3639UN	16/07/07	Duly made
Additional Information Requested	06/03/07	Response received 15/03/07
Additional Information Requested	03/12/07	Response received 04/12/07
Additional Information Requested	22/02/08	Response received 25/02/08
Permit determined	31/03/08	Permit issued to David Davies & Company LLP
Agency Variation Ref: Let2/MG	08/08/08	Agency initiated variation to amend improvement conditions requiring the submission of an Emission Reduction Plan.
Transfer Application EPR/GP3537TT/T001	Duly make 30/06/10	Application to transfer the permit to David Davies & Company LLP

Status log of the permit		
Description	Date	Comments
Transfer determined EPR/GP3537TT	25/08/10	Permit transferred
Environment Agency Variation EPR/GP3537TT/V002	24/08/10	Agency initiated variation to remove improvement conditions requiring the submission of an Emission Reduction Plan.
Variation Notice EPR/GP3537TT/V002 issued	05/10/10	Variation issued
Part Surrender application EPR/GP3537TT/S003	Duly made 19/03/19	Application to surrender Hall Farm
Additional Information requested	19/03/19	Response received 19/03/19
Part surrender determined EPR/GP3537TT/S003	04/02/19	Part surrender completed
Application EPR/GP3537TT/V004 (variation and consolidation)	Duly made 20/06/19	Application to vary the permit to change bird numbers, to add new poultry houses and to expand the installation boundary, and update the permit to modern conditions.
Variation determined EPR/GP3537TT/V004 (billing reference: UP3303PM)	10/12/19	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

Permit number

EPR/GP3537TT

Issued to

David Davies & Company LLP (trading as David Davies & Company LLP) (“the operator”)

whose registered office is

New House Farm

Minsterley

Shrewsbury

Shropshire

SY5 0HR

limited liability partnership number OC355457

to operate a regulated facility at

New House Farm	and	Park Turn
Minsterley		Minsterley
Shrewsbury		Shrewsbury
Shropshire		Shropshire
SY5 0HR		SY5 0HR

to the extent set out in the schedules.

The notice shall take effect from 10/12/2019

Name	Date
Anne Lloyd	10/12/2019

Authorised on behalf of the Environment Agency

Schedule 1

All conditions have been varied by the consolidated permit 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/GP3537TT

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/GP3537TT/V004 authorising,

David Davies & Company LLP (trading as David Davies & Company LLP) (“the operator”),

whose registered office is

New House Farm

Minsterley

Shrewsbury

Shropshire

SY5 0HR

limited liability partnership number OC355457

to operate an installation at

New House Farm and Park Turn
Minsterley Minsterley
Shropshire Shropshire
SY5 0HR SY5 0HR

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

Name	Date
Anne Lloyd	10/12/2019

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 red on the site plan at schedule 7 to this permit.

2.3 Operating techniques

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

3 Emissions and monitoring

3.1 Emissions to water, air or land

- 3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points specified in table S3.1 and 3.2.
- 3.1.2 The limits given in schedule 3 shall not be exceeded.
- 3.1.3 Periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.

3.2 Emissions of substances not controlled by emission limits

- 3.2.1 Emissions of substances not controlled by emission limits shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.
- 3.2.2 The operator shall:

- (a) if notified by the Environment Agency that the activities are giving rise to pollution, submit to the Environment Agency for approval within the period specified, an emissions management plan which identifies and minimises the risks of pollution from emissions of substances not controlled by emission limits; and
- (b) implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.2.3 All liquids in containers, whose emission to water or land could cause pollution, shall be provided with secondary containment, unless the operator has used other appropriate measures to prevent or where that is not practicable, to minimise, leakage and spillage from the primary container.

3.3 Odour

3.3.1 Emissions from the activities shall be free from odour at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved odour management plan, to prevent or where that is not practicable to minimise the odour.

3.4 Noise and vibration

3.4.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved noise and vibration management plan to prevent or where that is not practicable to minimise the noise and vibration.

3.5 Monitoring

3.5.1 The operator shall, unless otherwise agreed in writing by the Environment Agency, undertake the monitoring specified in the following tables in schedule 3 to this permit:

- (a) point source emissions specified in tables S3.1 and S3.2; and
- (b) process monitoring specified in table S3.3;

3.5.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.

3.5.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.5.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.

3.6 Pests

3.6.1 The activities shall not give rise to the presence of pests which are likely to cause pollution, hazard or annoyance outside the boundary of the site. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved pests management plan, have been taken to prevent or where that is not practicable, to minimise the presence of pests on the site.

3.6.2 The operator shall:

- (a) if notified by the Environment Agency, submit to the Environment Agency for approval within the period specified, a pests management plan which identifies and minimises risks of pollution, hazard or annoyance from pests; and
- (b) implement the pests management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

4 Information

4.1 Records

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

4.2 Reporting

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

4.3 Notifications

- 4.3.1 In the event:
- (a) that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately :—
 - (i) inform the Environment Agency,
 - (ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and
 - (iii) take the measures necessary to prevent further possible incidents or accidents; and
 - (b) of a breach of any permit condition the operator must immediately :—

- (i) inform the Environment Agency, and
 - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;
- (c) of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.
- 4.3.2 Any information provided under condition 4.3.1 (a)(i), or 4.3.1 (b)(i) where the information relates to the breach of a limit specified in the permit, shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.
- 4.3.3 Where the Environment Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Environment Agency when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.
- 4.3.4 The Environment Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:
- Where the operator is a registered company:
- (a) any change in the operator's trading name, registered name or registered office address; and
 - (b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.
- Where the operator is a corporate body other than a registered company:
- (c) any change in the operator's name or address; and
 - (d) any steps taken with a view to the dissolution of the operator.
- In any other case:
- (e) the death of any of the named operators (where the operator consists of more than one named individual);
 - (f) any change in the operator's name(s) or address(es); and
 - (g) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.
- 4.3.5 Where the operator proposes to make a change in the nature or functioning, or an extension of the activities, which may have consequences for the environment and the change is not otherwise the subject of an application for approval under the Regulations or this permit:
- (a) the Environment Agency shall be notified at least 14 days before making the change; and
 - (b) the notification shall contain a description of the proposed change in operation.
- 4.3.6 The Environment Agency shall be given at least 14 days notice before implementation of any part of the site closure plan.
- 4.3.7 Where the operator has entered into a climate change agreement with the Government, the Environment Agency shall be notified within one month of:
- (a) a decision by the Secretary of State not to re-certify the agreement;
 - (b) a decision by either the operator or the Secretary of State to terminate the agreement; and
 - (c) any subsequent decision by the Secretary of State to re-certify such an agreement.

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 total capacity for 831,000 places for poultry comprising: New House Farm: 592,000 laying hens, 65,000 barn laying hens, 64,000 free range laying hens Park Turn Farm: 110,000 pullets	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
Carcass incineration	Operation of an Incinerator for carcass disposal Animal and Plant Health Agency (APHA) approved < 50 kg/hr.	From receipt of raw materials, fuels and input of carcasses to release of combustion products to air and associated wastes removed from site.

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application EPR/EP3639UN/A001	The responses to sections 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	16/07/07
Request for Information dated 06/03/07	Entire Response	15/03/07
Request for Information dated 03/12/07	Response to Request of Information confirming information on quantities and location of manure storage	04/12/07
Additional Information Request 22/02/08	Response to Request for Information confirming information on animal numbers and quantities and location of manure storage	25/02/08
Application EPR/GP3537TT/V004	Responses to Part C3.5 of the application form and referenced supporting documentation and responses to Not Duly Made request for further information (sent 03/06/19) confirming information on management plans, charges, ammonia modelling report, site plan and non-technical summary.	20/06/19
Additional Information received 09/12/19	Request from operator to allow for storage of manure at Park Turn Farm (50 tonnes) and reduce storage allowance at New House Farm (5,950 tonnes).	09/12/19

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
	New House Farm and Park Turn	
IC1	The operator shall provide written proposals to reduce the emission from the installation by 63% or such other measures so that the contribution to the ammonia concentration in air at Minsterley Meadows SSSI is no more than 3 µg/m ³ as an annual average. The proposals should include timescales for implementation not exceeding 12 months. The proposals shall be implemented by the operator from the date of approval in writing by the Environment Agency, subject to such	Completed 29/07/10

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
	New House Farm and Park Turn	
	amendments, timescales or additions as notified by the Environment Agency.	
IC2	The operator shall submit a written Emission Reduction Plan to the Agency for approval containing proposals that reduce the emission from the permitted installation so that the contribution to the ammonia concentration in air at the wildlife site known as Minsterley Meadows (SSSI) (1007172) is no more than 1.5µg/m ³ as an annual average. The Emission Reduction Plan shall contain timescales for the implementation of the individual measures proposed which shall be by 30 October 2011 at the latest.	Removed from permit in variation EPR/GP3537TT/V002
IC3	The operator shall submit a written Emission Reduction Plan to the Agency for approval containing proposals that reduce the emission from the permitted installation so that the contribution to the ammonia concentration in air at the wildlife site known as The Stiperstone and the Hollies (SAC) (UK0012810) is no more than 0.2µg/m ³ as an annual average. The Emission Reduction Plan shall contain timescales for the implementation of the individual measures proposed which shall be by 30 October 2011 at the latest.	Removed from permit in variation EPR/GP3537TT/V002
IC4	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. The notification requirements of condition 2.5.2 shall be deemed to have been complied with on submission of the plan. 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.	Completed
IC5	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 The notification requirements of condition 2.5.2 shall be deemed to have been complied with on submission of the plan. 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.	Completed
	New House Farm	
IC6	The Operator shall ensure that methods are implemented to prevent, or where that is not practicable minimise, the potential for diffuse pollution from the mixing and milling of dry foodstuff that meet the appropriate measures in S3.3 of TGN How to Comply, Version 1.	Completed

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
New House Farm						
Side fan outlets on poultry houses 4 R1, 4 R2 and 5 - 9 as shown on the site plan in schedule 7	Poultry houses 4 R1, 4 R2 and 5 - 9	---	---	---	---	---
High velocity roof fan outlets on poultry houses FR1 and FR2 as shown on the site plan in schedule 7	Poultry houses FR1 and FR2	---	---	---	---	---
Chimney from carcass incinerator as shown in the 'New House Plans' site plan in application EPR/GP3537TT/V004	Carcass incinerator	---	---	---	---	---
Exhausts from stand-by generator as shown in the 'New House Plans' site plan in application EPR/GP3537TT/V004	Standby generator	---	---	---	---	---
Vents from oil tank as shown in the 'New House Plans' site plan in application EPR/GP3537TT/V004	Diesel tank	---	---	---	---	---
Park Turn Farm						
Side fan outlets on poultry house 1 as shown in the 'New House Plans' site plan in application EPR/GP3537TT/V004	Poultry house 1	---	---	---	---	---
Vents from oil tank as shown in the 'New House Plans' site plan in application EPR/GP3537TT/V004	Diesel tank	---	---	---	---	---
Exhausts from stand-by generator as shown in the 'New House Plans' site plan in application EPR/GP3537TT/V004	Standby generator	---	---	---	---	---

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
New House Farm						
Outlets to offsite drainage ditch as shown on the drainage plan in application EPR/GP3537TT/V004, which ultimately drains to Minsterley Brook	Roof and yard drainage serving poultry houses 4 R1, 4 R2 and 5-9	---	---	---	---	---
Park Turn Farm						
Outlets to offsite drainage ditch as shown on the drainage plan in application EPR/GP3537TT/V004, which ultimately drains to Rea Brook	Roof and yard drainage serving poultry house 1	---	---	---	---	---

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
New House Farm				
Laying hens in houses 4 R1, 4 R2 and 5 - 9	kg N excreted/animal place/year	From 21/02/21 0.8 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 21/02/21 0.45 kg P ₂ O ₅ animal place/year	Annually	Estimation by using manure analysis for total phosphorus content
Laying hens in houses FR1 and FR2	kg N excreted/animal place/year	0.8 kg N/animal place/year	Annually	Estimation by using manure analysis for total nitrogen content
	kg P ₂ O ₅ excreted/animal place/year	0.45 kg P ₂ O ₅ animal place/year	Annually	Estimation by using manure analysis for total phosphorus content
Laying hens cage housing system in poultry houses 5-9	kg NH ₃ /animal place/year	From 21/02/21 0.08 kg NH ₃ /animal place/year	Annually	Estimation using emission factors
Laying hens non-cage aviary housing system in poultry houses 4 R1 and 4 R2	kg NH ₃ /animal place/year	From 21/02/21 0.13 kg NH ₃ /animal place/year	Annually	Estimation using emission factors
Laying hens non-cage aviary system in poultry houses FR1 and FR2	kg NH ₃ /animal place/year	0.13 kg NH ₃ /animal place/year	Annually	Estimation using emission factors
Laying hens in poultry houses 4 R1, 4 R2, 5 - 9, FR1 and FR2	Dust	n/a	Annually	Estimation using emission factors
Park Turn Farm				

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
New House Farm				
Pullets in house 1	kg NH ₃ /animal place/year	n/a	Annually	Estimation using emission factors
Pullets in house 1	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

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	10/12/2019
kg N excreted/animal place/year	Form Process Monitoring 1 or other form as agreed in writing by the Environment Agency	10/12/2019
kg P ₂ O ₅ excreted/animal place/year	Form Process Monitoring 1 or other form as agreed in writing by the Environment Agency	10/12/2019
Dust atmospheric mass emission	Form Process Monitoring 1 or other form as agreed in writing by the Environment Agency	10/12/2019

Schedule 5 – Notification

These pages outline the information that the operator must provide.

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

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

Part A

Permit number	
Name of operator	
Location of facility	
Time and date of the detection	

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

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

Time periods for notification following detection of a breach of a limit

Parameter	Notification period

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

Part B – to be submitted as soon as practicable

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

* authorised to sign on behalf of the operator

Schedule 6 – Interpretation

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

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

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

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

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

“emissions to land” includes emissions to groundwater.

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

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

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

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

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

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

“Manure and slurry” have the following meaning:

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

“pests” means Birds, Vermin and Insects.

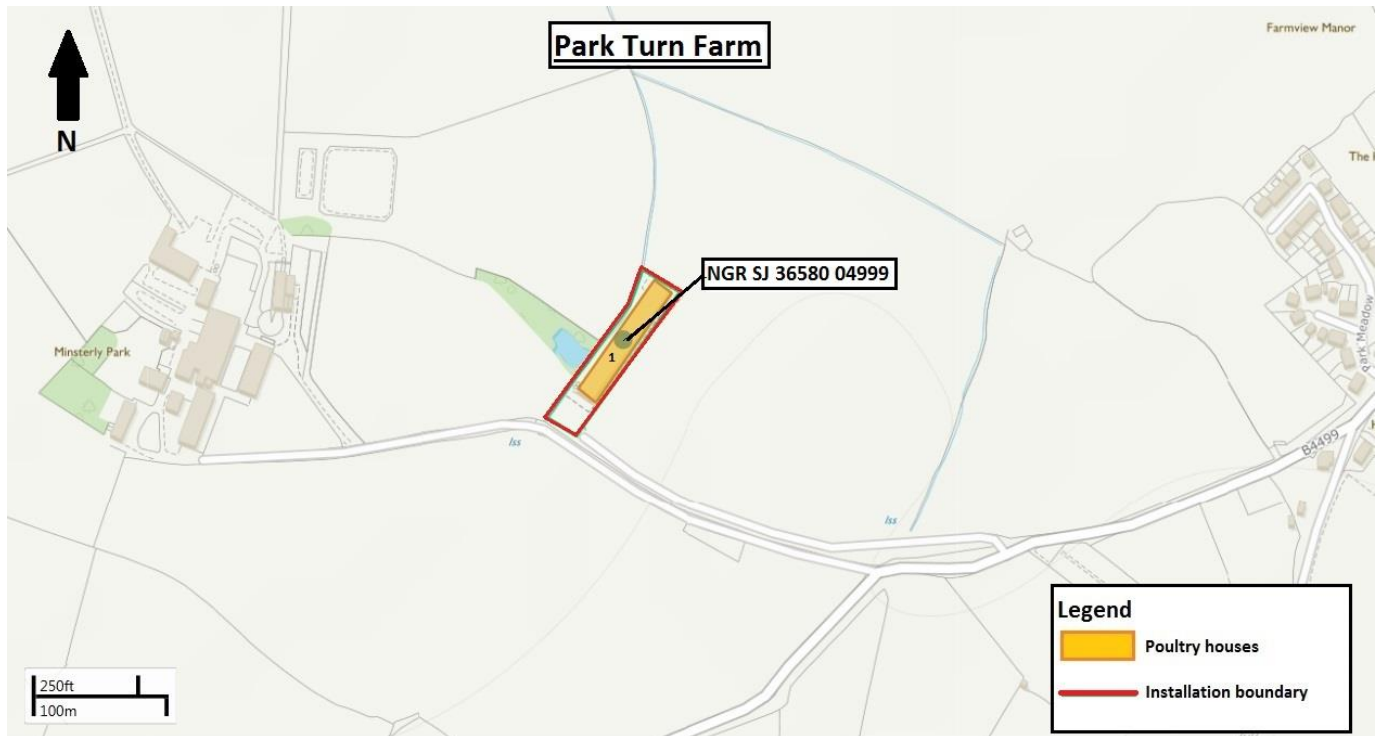
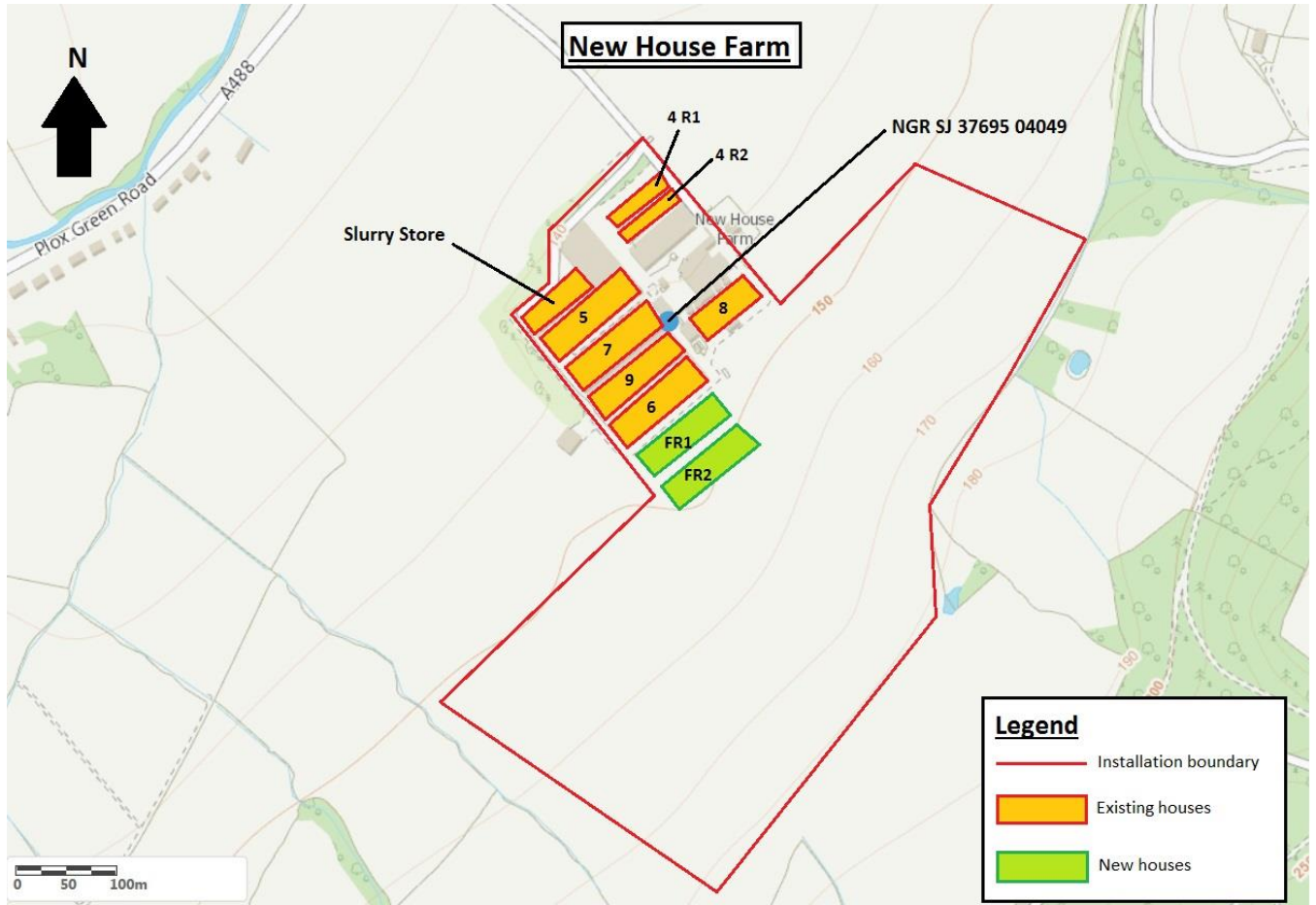
“Waste code” means the six digit code referable to a type of waste in accordance with the List of Wastes and in relation to hazardous waste, includes the asterisk

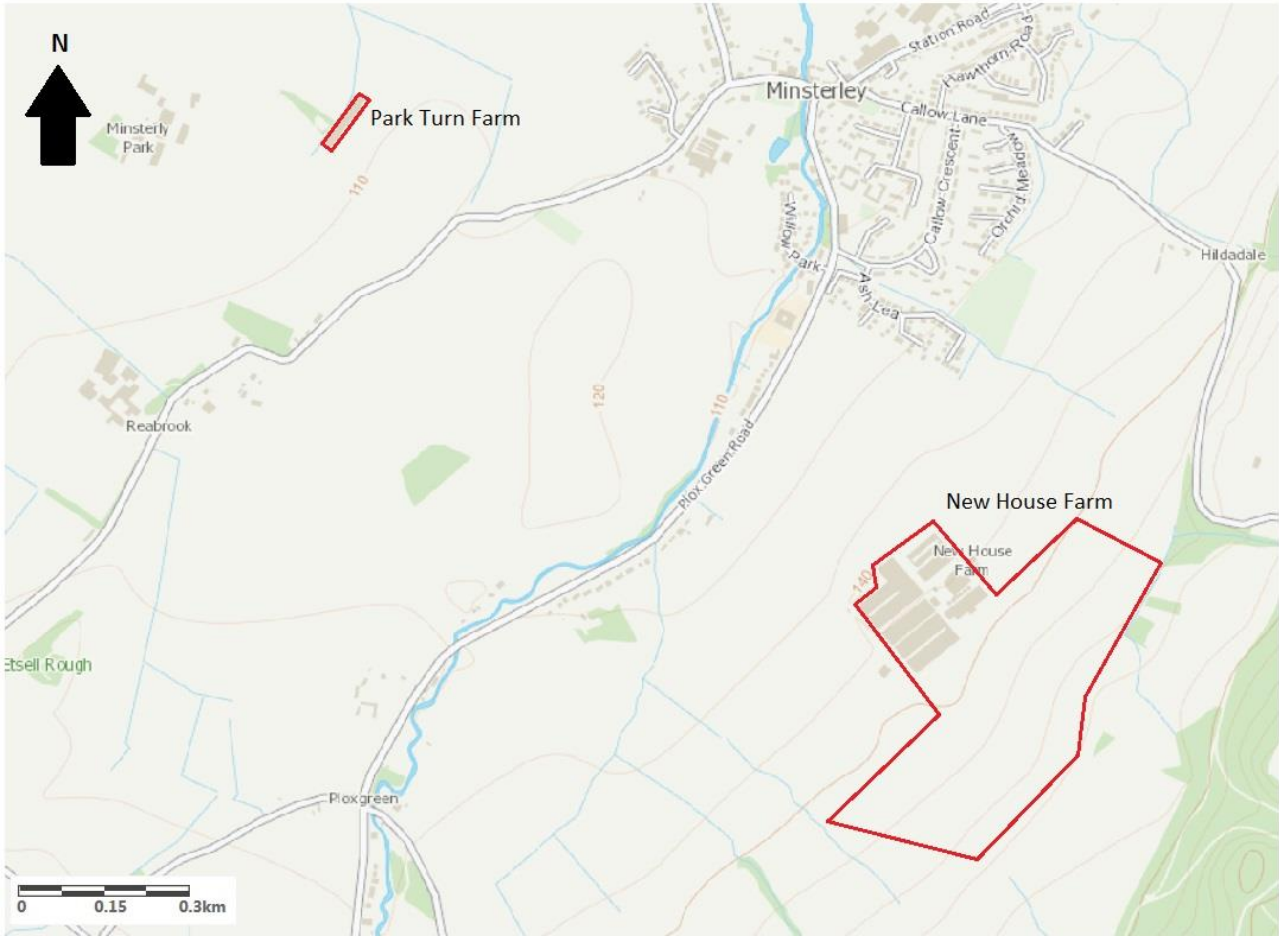
“Waste Framework Directive” or “WFD” means Waste Framework Directive 2008/98/EC of the European Parliament and of the Council on waste.

“year” means calendar year ending 31 December.

Schedule 7 – Site plan

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





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END OF PERMIT