

# Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

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Steven Wilkinson and June Wilkinson  
(trading as Wilkinson Brothers)

Grange Farm Poultry Unit  
Grange Farm  
Sudbroke Park  
Lincoln  
LN3 5BB

Hall Farm  
Sudbroke Park  
Lincoln  
LN2 2QZ

Old Hall Farm  
Sudbroke Park  
Lincoln  
LN2 2QZ

Permit number  
EPR/EP3831MA

Variation number  
EPR/EP3831MA/V005

# **Grange Farm, Hall Farm and Old Hall Farm**

## **Permit number EPR/EP3831MA**

### **Introductory note**

#### **This introductory note does not form a part of the permit**

The following notice gives notice of the variation and consolidation of an environmental permit.

This installation consists of three aggregated farms: Grange Farm (centred on TF 04923 76760), Hall Farm (centred on TF 04364 76639) and Old Hall Farm (centred on TF 04210 76567 and TF 04233 75975).

This variation authorises the increase of broilers at Grange Farm by 13,200, to make a total of 250,000. This increase in bird numbers will be accommodated by the addition of one more shed on site (referenced shed 8), taking the total number of sheds on the Grange Farm site to 8. Shed 8 has a fully littered floor, with high velocity (minimum 7m/s) roof fans.

The area of the site has been extended to accommodate the additional poultry house, and a revised site plan is included in Schedule 7 of this notice. Grange Farm will continue to be operated using the same operating techniques.

This variation also authorises the installation of a single 950kW biomass boiler to generate hot water used to heat all of the poultry houses at the Grange Farm site. The biomass boiler shall burn only virgin timber (including wood chips and pellets), miscanthus or straw. The existing boiler units and the associated LPG tank are being retained, only to be used as back up to the biomass boiler unit.

There are no changes to the bird numbers or infrastructure at Hall Farm and Old Hall Farm as a result of this variation.

This variation implements the requirements of the EU Directive on Industrial Emissions.

The schedules specify the changes made to the original permit.

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

<b>Status log of the permit</b>		
<b>Description</b>	<b>Date</b>	<b>Comments</b>
Application EPR/EP3831MA/A001	Duly made 17/01/07	Application for an intensive farming poultry installation permit.
Additional information requested 16/05/07	Received 18/05/07	
Permit EPR/EP3831MA/A001 determined	02/07/07	Permit issued
Application reference EPR/EP3831MA/V002	Duly made 01/06/09	
Variation issued EPR/EP3831MA/V002	10/12/09	
Application reference EPR/EP3831MA/V003	Duly made 26/11/10	
Variation issued EPR/EP3831MA/V003	06/12/10	
Application reference EPR/EP3831MA/V004	Duly made 05/11/12	Application to aggregate Grange Farm, Hall Farm and Old Hall Farm
Additional information	Received 28/12/12	Further Ammonia modelling
Variation issued EPR/EP3831MA/V004	06/02/13	Varied permit issued
Application reference EPR/EP3831MA/V005	Duly made 03/06/13	Application to vary the permit to increase bird numbers, add a biomass boiler and update the permit to modern conditions to include the requirements of IED.
Variation issued EPR/EP3831MA/V005	14/06/13	Varied and consolidated permit issued to Steven Wilkinson and June Wilkinson in modern condition format.

End of introductory note

# Notice of variation and consolidation

The Environmental Permitting (England and Wales) Regulations 2010

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2010 varies and consolidates

**permit number**  
**EPR/EP3831MA**

issued to:

**Steven Wilkinson and June Wilkinson (trading as Wilkinson Brothers)** (“the operator”),

whose principal office is

**Hallbrooke**  
**Hall Farm**  
**Sudbrooke Park**  
**Lincoln**  
**LN2 2QZ**

to operate installations at

**Grange Farm**      and      **Hall Farm**                      and      **Old Hall Farm**  
**Sudbrooke Park**                      **Sudbrooke Park**                      **Sudbrooke Park**  
**Lincoln**                      **Lincoln**                      **Lincoln**  
**LN3 5BB**                      **LN2 2QZ**                      **LN2 2QZ**

to the extent set out in the schedules.

The notice shall take effect from 14/06/13

Name	Date
<b>C G Morris</b>	<b>14/06/2013</b>

Authorised on behalf of the Environment Agency

**Schedule 1**

All conditions have been varied by the consolidated permit as a result of an application made by the operator, and meet the requirements of the Industrial Emissions Directive.

**Schedule 2 – consolidated permit**

Consolidated permit issued as a separate document.



# Permit

The Environmental Permitting (England and Wales) Regulations 2010

**Permit number**  
**EPR/EP3831MA**

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/EP3831MA authorising,

**Steven Wilkinson and June Wilkinson (trading as Wilkinson Brothers)** (“the operator”),

whose principal office is

**Hallbrooke**  
**Hall Farm**  
**Sudbrooke Park**  
**Lincoln**  
**LN2 2QZ**

to operate installations at

**Grange Farm**      and      **Hall Farm**      and      **Old Hall Farm**  
**Sudbrooke Park**      **Sudbrooke Park**      **Sudbrooke Park**  
**Lincoln**      **Lincoln**      **Lincoln**  
**LN3 5BB**      **LN2 2QZ**      **LN2 2QZ**

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

Name	Date
<b>C G Morris</b>	<b>14/06/2013</b>

Authorised on behalf of the Environment Agency



# Conditions

## 1 Management

### 1.1 General management

1.1.1 The operator shall manage and operate the activities:

- (a) in accordance with a written management system that identifies and minimises risks of pollution, including those 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 it kept at or near the place where those duties are carried out.

### 1.2 Energy efficiency

1.2.1 The operator shall:

- (a) take appropriate measures to ensure that energy is used efficiently in the activities;
- (b) review and record at least every four years whether there are suitable opportunities to improve the energy efficiency of the activities; and
- (c) take any further appropriate measures identified by a review.

### 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;
- (b) maintain records of raw materials and water used in the activities;
- (c) review and record at least every four years whether there are suitable alternative materials that could reduce environmental impact or opportunities to improve the efficiency of raw material and water use; and
- (d) take any further appropriate measures identified by a review.

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

1.4.1 The operator shall take appropriate measures to ensure that:

- (a) the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and
- (b) 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

(c) where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.

1.4.2 The operator shall review and record at least every four years whether changes to those measures should be made and take any further appropriate measures identified by a review.

## **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 (a) 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.

(b) 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 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.

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

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

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

2.3.5 The operator shall:

- (a) maintain and implement a manure management plan;
- (b) review and record at least every four years whether changes to the plan should be made;
- (c) make any appropriate changes to the plan identified by the review.

2.3.6 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.

- 2.3.7 The operator shall ensure that where waste produced by the activities is sent to a landfill site, it meets the waste acceptance criteria for that landfill.

## **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, S3.2 and S3.3.

3.1.2 The limits given in schedule 3 shall not be exceeded.

### **3.2 Emissions of substances not controlled by emission limits**

3.2.1 Emissions of substances not controlled by emission limits (excluding odour) 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;
- (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.

3.2.4 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.

### **3.3 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 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 3 tables S3.1, S3.2 and S3.3 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 from pests;
  - (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 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 keep on site all records, plans and the management system required to be maintained by this permit, unless otherwise agreed in writing by the Environment Agency.

### 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 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
- (a) In the event 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;
  - (b) in the event 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) in the event 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:

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

In any other case:

- (a) the death of any of the named operators (where the operator consists of more than one named individual);
- (b) any change in the operator's name(s) or address(es); and
- (c) 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 "without delay", in which case it may be provided by telephone.

# Schedule 1 - Operations

<b>Table S1.1 activities</b>		
<b>Activity listed in Schedule 1 of the EP Regulations</b>	<b>Description of specified activity</b>	<b>Limits of specified activity</b>
Section 6.9 A(1)(a)(i) Rearing of poultry intensively in an installation with more than 40,000 places	The rearing of poultry in an installation with a capacity for 292,600 poultry places comprising of:  <b>Grange Farm:</b> 250,000 broiler places <b>Hall Farm:</b> 27,500 breeder/layer places <b>Old Hall Farm:</b> 15,100 breeder/layer places	From receipt of birds, raw materials and fuels onto the site to removal of birds and associated wastes from site
<b>Directly Associated Activity</b>		
Biomass Boiler	Operation of a Biomass Boiler with a rated thermal input of 950kW for site heating requirements, burning biomass fuel not comprising waste or animal carcasses.	From receipt of raw materials and fuels, to release of combustion products to air and associated wastes removed from site.

<b>Table S1.2 Operating techniques</b>		
<b>Description</b>	<b>Parts</b>	<b>Date Received</b>
Application EPR/EP3831MA/A001	Application form and supporting information	17/01/07
Application EPR/EP3831MA/V002	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.	01/06/09
Application EPR/EP3831MA/V004	Application, Part C3, Section 3, Table 3 – Technical standards	27/09/12
Additional information	Confirmation of site plans and drainage details	23/01/13
Application EPR/EP3831MA/V005	Application form Part C3 and Supporting information	07/05/13 and 03/06/13

<b>Table S1.3 Improvement programme requirements</b>		
<b>Reference</b>	<b>Requirement</b>	<b>Date</b>
IC1	<p>A written plan shall be submitted to the Agency for approval detailing proposals for replacing or covering existing uncovered slurry stores and lagoons to comply with the requirements of section 6.3.1 of TGN How to Comply, Version 1. The proposals shall include a timetable for the replacement and refurbishment work. 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>	Completed in 2011
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, including specific reference to building maintenance, areas around buildings prone to build-up of manure, slurry and spilt feed and drainage from yards contaminated by manures or slurries 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.</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>	Completed in 2011
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 &amp; 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 Drafting note – Include if identified by “no” answer in the application [The plan shall include specific reference to drinkers and troughs, which shall be designed to prevent leakage.] 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>	Completed in 2011

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

<b>Table S2.1 Raw materials and fuels</b>	
<b>Raw materials and fuel description</b>	<b>Specification</b>
Virgin timber (including wood chips and pellets), miscanthus or straw	Not to include any waste material

## Schedule 3 – Emissions and monitoring

<b>Table S3.1 Point source emissions to air – emission limits and monitoring requirements</b>						
<b>Emission point ref. &amp; location</b>	<b>Parameter</b>	<b>Source</b>	<b>Limit (incl. unit)</b>	<b>Reference period</b>	<b>Monitoring frequency</b>	<b>Monitoring standard or method</b>
<b>Grange Farm</b>						
High velocity roof fan outlets on buildings 1,2,3,4,5,6,7 and 8 as shown on 'Grange site plan June 13_NEW' submitted with application EPR/EP3831MA/V005	---	Poultry houses 1-8	---	---	---	---
Gable end fan outlets on buildings 1,2,3,4,5,6 and 7 as shown on 'Grange site plan June 13_NEW' submitted with application EPR/EP3831MA/V005	---	Poultry houses 1-7	---	---	---	---
Vent from LPG tanks as shown on the building layout plan in the application EPR/EP3831MA/V004	---	LPG tanks	---	---	---	---
Vent from fuel oil tanks as shown on the building layout plan in the application EPR/EP3831MA/V004	---	Diesel tanks				
Emissions from biomass boiler as shown on 'Grange site plan June 13_NEW' submitted with application EPR/EP3831MA/V005	---	950kW biomass boiler	---	---	---	---
<b>Hall Farm</b>						
High velocity roof fan outlets on buildings 1, 2, 3 and 4 as shown in the application EPR/EP3831MA/V004	---	Poultry houses 1, 2 and 4	---	---	---	---
Side fan outlet on building 3 as shown in the application EPR/EP3831MA/V004		Poultry house 3				
Vent from LPG tanks as shown on the building layout plan in the application EPR/EP3831MA/V004	---	LPG Tanks	---	---	---	---
<b>Old Hall Farm</b>						

<b>Table S3.1 Point source emissions to air – emission limits and monitoring requirements</b>						
<b>Emission point ref. &amp; location</b>	<b>Parameter</b>	<b>Source</b>	<b>Limit (incl. unit)</b>	<b>Reference period</b>	<b>Monitoring frequency</b>	<b>Monitoring standard or method</b>
High velocity roof fan outlets on buildings 1,2,3, 5 and 6 as shown in the application EPR/EP3831MA/V004	---	Poultry houses 1, 2, 3, 5 and 6	---	---	---	---
Vent from LPG tanks as shown on the building layout plan in the application EPR/EP3831MA/V004	---	LPG Tanks	---	---	---	---

<b>Table S3.2 Point Source emissions to water (other than sewer) – emission limits and monitoring requirements</b>						
<b>Emission point ref. &amp; location</b>	<b>Parameter</b>	<b>Source</b>	<b>Limit (incl. unit)</b>	<b>Reference Period</b>	<b>Monitoring frequency</b>	<b>Monitoring standard or method</b>
<b>Grange Farm</b>						
Outlets to Nettleham Beck as shown on the site drainage plan in application EPR/EP3831MA/V005	---	Surface water run off from roof and yard areas serving poultry house 1-8	---	---	---	---
<b>Hall Farm</b>						
Drains feeding to Nettleham Beck as shown on the site drainage plan in application EPR/EP3831MA/V004	---	Roof water run off from poultry houses 1-4	---	---	---	---
<b>Old Hall Farm</b>						
Drains feeding to Nettleham Beck as shown on the site drainage plan in application EPR/EP3831MA/V004	---	Roof water run off from poultry houses 1, 2, 3, 5 & 6	---	---	---	---

<b>Table S3.4 Point source emissions to land– emission limits and monitoring requirements</b>						
<b>Emission point ref. &amp; location</b>	<b>Parameter</b>	<b>Source</b>	<b>Limit (incl. Unit)</b>	<b>Reference period</b>	<b>Monitoring frequency</b>	<b>Monitoring standard or method</b>
<b>Grange Farm</b>						

**Table S3.4 Point source emissions to land– emission limits and monitoring requirements**

<b>Emission point ref. &amp; location</b>	<b>Parameter</b>	<b>Source</b>	<b>Limit (incl. Unit)</b>	<b>Reference period</b>	<b>Monitoring frequency</b>	<b>Monitoring standard or method</b>
Emission to soakaways as shown on the site drainage plan in the application EPR/EP3831MA/A001	---	Surface water run off from roof and yard areas serving poultry houses 1-8	---	---	---	---

## **Schedule 4 - Reporting**

There is no reporting under this schedule.

## 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 unless otherwise specified below**

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	

<b>Time periods for notification following detection of a breach of a limit</b>	
<b>Parameter</b>	<b>Notification period</b>

<b>(c) Notification requirements for the detection of any significant adverse environmental effect</b>	
<b>To be notified within 24 hours of detection</b>	
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.	

<b>Name*</b>	
<b>Post</b>	
<b>Signature</b>	
<b>Date</b>	

\* 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 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.

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

“*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.

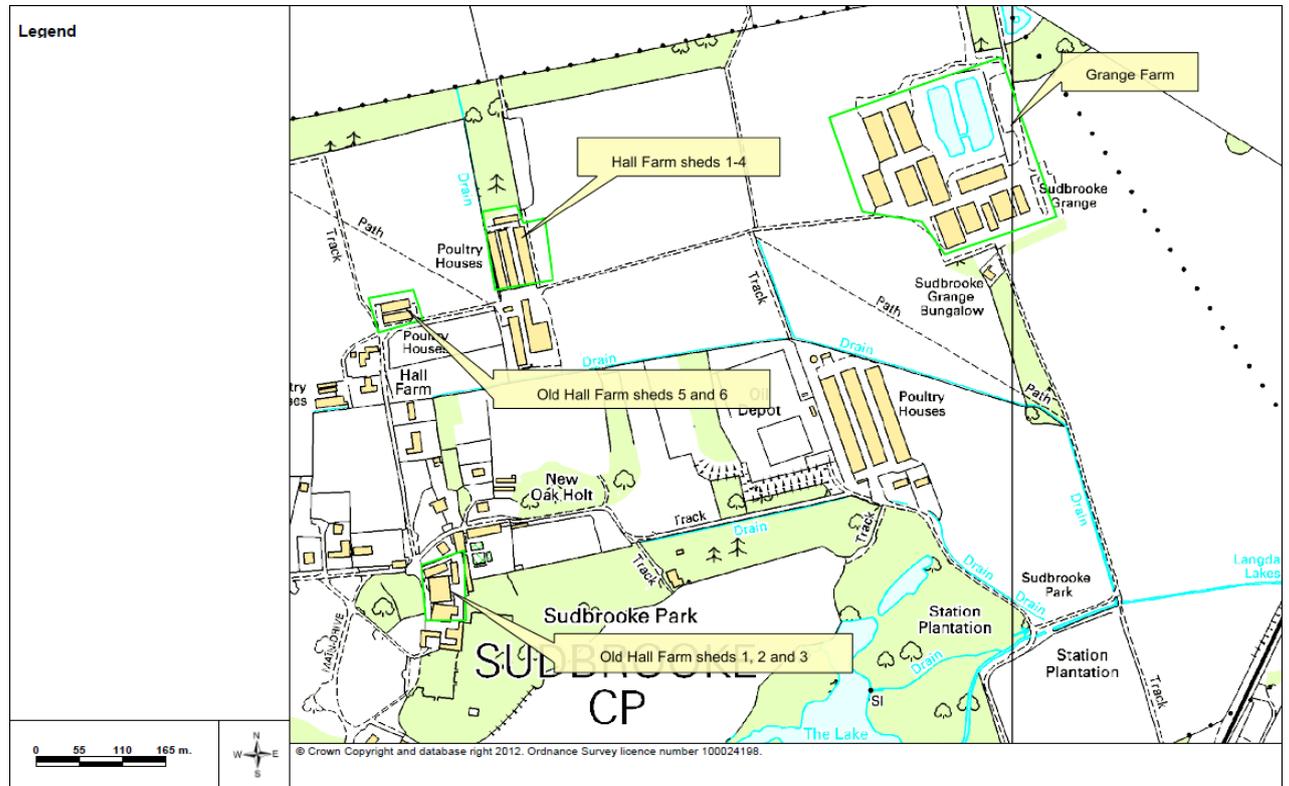
“*SGN How to comply – Intensive Farming*” The EPR Sector Guidance Note 6.09 for intensive pig and poultry farmers, Version 2 published January 2010.

“*year*” means calendar year ending 31 December.

“*Waste code*” means the six digit code referable to a type of waste in accordance with the List of Wastes (England) Regulations 2005, or List of Wastes (Wales) Regulations 2005, as appropriate, and in relation to hazardous waste, includes the asterisk.

# Schedule 7 - Site plan

Installation boundary plan



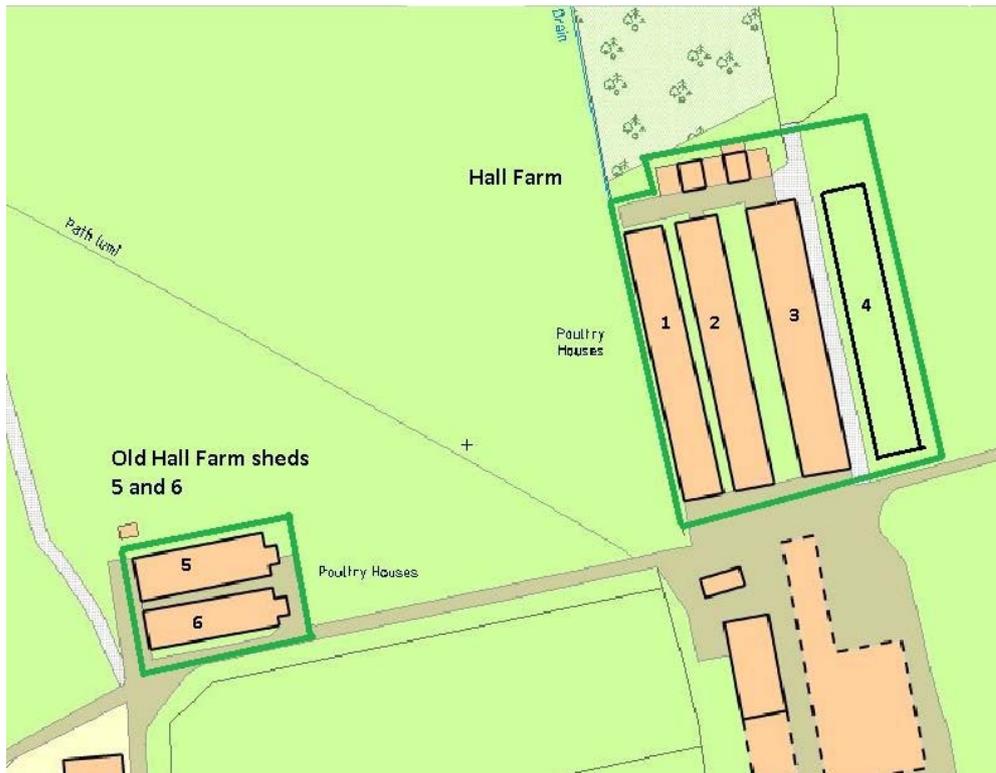
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## Grange Farm

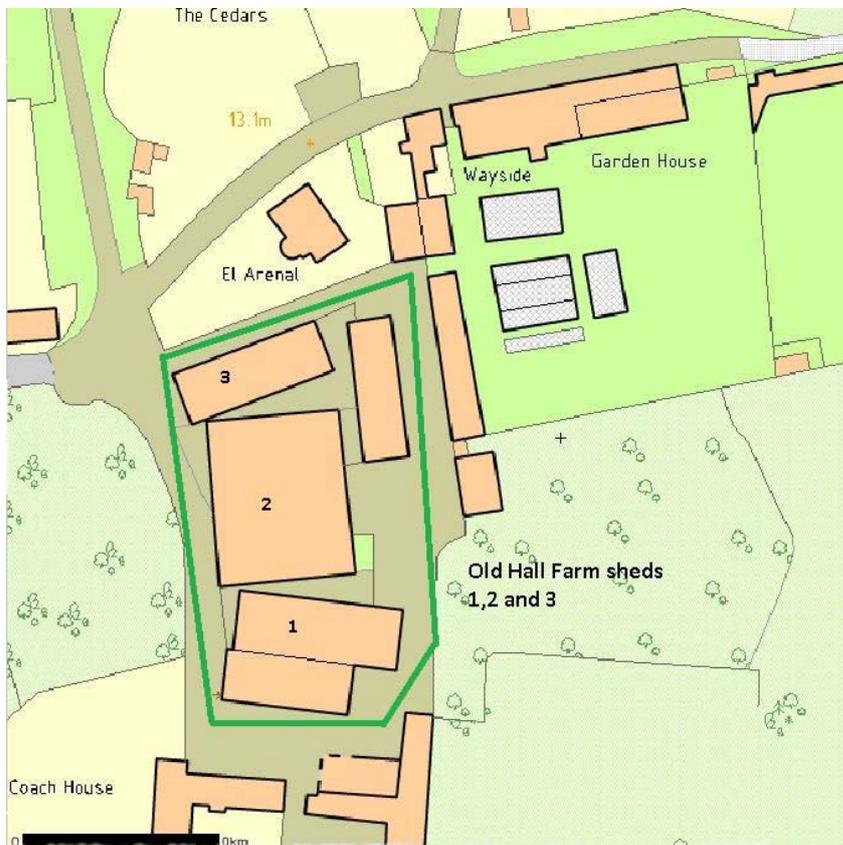


Variation and consolidation  
number EPR/EP3831MA/V005

## Hall Farm and Old Hall Farm sheds 5 and 6



## Old Hall Farm sheds 1, 2 and 3



END OF PERMIT

## **Environment Agency permitting decisions**

### **Variation and consolidation**

We have decided to grant the permit for Grange Farm, Hall Farm and Old Hall Farm operated by Steven Wilkinson and June Wilkinson (trading as Wilkinson Brothers).

The permit number is EPR/EP3831MA

The variation number is EPR/EP3831MA/V005

This permit was applied for and determined as a Normal variation

We consider in reaching that decision we have taken into account all relevant considerations and legal requirements and that the permit will ensure that the appropriate level of environmental protection is provided.

This variation authorises an increase in broilers at Grange Farm by 13,200, to make a total of 250,000. This increase in bird numbers will be accommodated by the addition of one more shed on site (referenced shed 8).

This variation also authorises the installation of a single 950kW biomass boiler to generate hot water used to heat all of the poultry houses at the Grange Farm site.

### **Purpose of this document**

This decision document:

- explains how the application has been determined
- provides a record of the decision-making process
- shows how all relevant factors have been taken into account
- justifies the specific conditions in the permit other than those in our generic permit template.

Unless the decision document specifies otherwise we have accepted the applicant's proposals.

### **Structure of this document**

- Key issues
- Annex 1 the decision checklist

## Key issues of the decision

### Industrial Emissions Directive

The Environmental Permitting (England and Wales) (Amendment) Regulations 2013 were made on the 20 February and came into force on 27 February. These Regulations transpose the requirements of the Industrial Emissions Directive (IED).

Amendments have been made to the conditions of this variation so that it now implements the requirements of the EU Directive on Industrial Emissions.

### Groundwater/Soil Monitoring

As a result of the requirements of the Industrial Emissions Directive, all permits are now required to contain condition 3.2.4 relating to groundwater monitoring. However, the Environment Agency's H5 Guidance states **that it is only necessary for the operator to take samples** of soil or groundwater and measure levels of contamination where the evidence that there is, or could be existing contamination and:

- The environmental risk assessment has identified that the same contaminants are a particular hazard; or
- The environmental risk assessment has identified that the same contaminants are a hazard and your risk assessment has identified a possible pathway to land or groundwater.

H5 Guidance further states that it is **not essential for the Operator** to take samples of soil or groundwater and measure levels of contamination where:

- The environmental risk assessment identifies no hazards to land or groundwater; or
- Where the environmental risk assessment identifies only limited hazards to land and groundwater and there is no reason to believe that there could be historic contamination by those substances that present the hazard; or
- Where the environmental risk assessment identifies hazards to land and groundwater but there is evidence that there is no historic contamination by those substances that pose the hazard.

The site condition report for Grange Farm, Hall Farm and Old Hall Farm demonstrates that there are no hazards to land or groundwater and no historic contamination on site that may present a hazard. In addition, the Operator has confirmed that the condition of this additional area and the permitted activities which will take place on it, are the same as for the existing installation.

**Therefore, although this condition is included in the permit, no groundwater monitoring will be required at this installation as a result.**

## **Biomass boiler**

The applicant is varying their permit to include one 950kW biomass boiler.

In line with the Environment Agency's May 2013 document "Biomass boilers on EPR Intensive Farms", an assessment has been undertaken to consider the proposed addition of the biomass boiler.

This guidance states that the Environment Agency has assessed the pollution risks and has concluded that air emissions from small biomass boilers are not likely to pose a significant risk to the environment or human health providing certain conditions are met. Therefore a quantitative assessment of air emissions will not be required where:

- the fuel will be derived from virgin timber, miscanthus or straw, and;
- the biomass boiler appliance and installation meets the technical criteria to be eligible for the Renewable Heat Incentive, and;
- the aggregate boiler net rated thermal input is:
  - A. less than 0.5MWth, or;
  - B. less than 1MWth where the stack height is greater than 1 metre above the roof level of adjacent buildings (where there are no adjacent buildings, the stack height must be a minimum of 3 metres above ground), and there are:
    - no Special Areas of Conservation, Special Protection Areas, Ramsar sites or Sites of Special Scientific Interest within 500 metres of the emission point(s);
    - no National Nature Reserves, Local Nature Reserves, ancient woodlands or local wildlife sites within 100 metres of the emission point(s), or;
  - C. less than 2MWth where, in addition to the above criteria for less than 1MWth boilers, there are:
    - no sensitive receptors within 150 metres of the emission point(s).

The biomass boiler meets the requirements of criteria B above, and is therefore considered not likely to pose a significant risk to the environment or human health and no further assessment is required.

## Annex 1: decision checklist

This document should be read in conjunction with the Duly Making checklist, the application and supporting information and permit/ notice.

Aspect considered	Justification / Detail	Criteria met
		Yes
<b>Consultation</b>		
Scope of consultation	The consultation requirements were identified and implemented. The decision was taken in accordance with RGN 6 High Profile Sites, our Public Participation Statement and our Working Together Agreements.	✓
<b>Operator</b>		
Control of the facility	We are satisfied that the applicant (now the operator) is the person who will have control over the operation of the facility after the grant of the permit. The decision was taken in accordance with EPR RGN 1 Understanding the meaning of operator.	✓
<b>European Directives</b>		
Applicable directives	All applicable European directives have been considered in the determination of the application.  Amendments have been made to the conditions of this variation so that it now implements the requirements of the EU Directive on Industrial Emissions.	✓
<b>The site</b>		
Extent of the site of the facility	The operator has provided a plan which we consider is satisfactory, showing the extent of the site of the facility  A plan is included in the permit and the operator is required to carry on the permitted activities within the site boundary.	✓
Site condition report	The operator has provided a description of the condition of the site, with the original application. The operator has extended the area of the site to accommodate the additional poultry house (referenced shed 8). They have confirmed that the condition of this additional area and the permitted activities which will take place on it, are the same as for the existing installation.  We consider this description is satisfactory. The decision	✓

Aspect considered	Justification / Detail	Criteria met
		Yes
	was taken in accordance with our guidance on site condition reports and baseline reporting under IED–guidance and templates (H5).	
Biodiversity, Heritage, Landscape and Nature Conservation	<p>The application is within the relevant distance criteria of a site of heritage, landscape or nature conservation, and/or protected species or habitat.</p> <p>A full assessment of the application and its potential to affect the sites has been carried out (using the Ammonia Screening Tool v4.3) as part of the permitting process. As the only change resulting from this variation is happening to the Grange Farm area of the site, this is the only area which has been included in the pre-application screening.</p> <p>The increase in ammonia resulting from the increase in bird numbers does not cause an exceedance of the critical level thresholds for ammonia, therefore we consider that the application will not affect the features of the sites.</p> <p>An appendix 4 form was saved to file for information only on 7<sup>th</sup> June 2013.</p> <p>We have not formally consulted on the application. The decision was taken in accordance with our guidance.</p>	✓
<b>Environmental Risk Assessment and operating techniques</b>		
Environmental risk	<p>We have reviewed the operator's assessment of the environmental risk from the facility.</p> <p>The operator's risk assessment is satisfactory.</p> <p>The assessment shows that, applying the conservative criteria in our guidance on Environmental Risk Assessment, all emissions may be categorised as environmentally insignificant.</p>	✓
Operating techniques	<p>We have reviewed the techniques used by the operator and compared these with the relevant guidance notes.</p> <p>The additional area of the site being added as a result of this variation will be operated using the same operating techniques as the other areas of the site.</p>	✓

Aspect considered	Justification / Detail	Criteria met
		Yes
	<p>This includes:</p> <ul style="list-style-type: none"> <li>• Water delivered via nipple drinkers to minimise spillage.</li> <li>• Water usage is monitored daily.</li> <li>• Wash down water is directed to a foul water storage tank.</li> <li>• High velocity roof fans (minimum efflux velocity of 7m/s) to improve dispersion of emissions.</li> <li>• Carcasses removed daily by an approved contractor.</li> <li>• Litter is transported on covered vehicles.</li> </ul> <p>The proposed techniques for control are in line with the benchmark levels contained in the SGN EPR6.09 and we consider them to represent appropriate techniques for the facility. The permit conditions ensure compliance with relevant BREFs and BAT Conclusions, and ELVs deliver compliance with BAT-AELs.</p>	
<b>The permit conditions</b>		
Updating permit conditions during consolidation.	<p>We have updated previous permit conditions to those in the new generic permit template as part of permit consolidation. The new conditions have the same meaning as those in the previous permit(s).</p> <p>The operator has agreed that the new conditions are acceptable.</p>	✓
Raw materials	<p>We have specified limits and controls on the use of raw materials and fuels.</p> <p>We have specified that only virgin timber (including wood chips and pellets), miscanthus or straw shall be used as a fuel for the biomass boiler. These materials are never to be mixed with, or replaced by, waste.</p>	✓
Incorporating the application	<p>We have specified that the applicant must operate the permit in accordance with descriptions in the application, including all additional information received as part of the determination process.</p> <p>These descriptions are specified in the Operating</p>	✓

Aspect considered	Justification / Detail	Criteria met
		Yes
	Techniques table in the permit.	
<b>Operator Competence</b>		
Environment management system	There is no known reason to consider that the operator will not have the management systems to enable it to comply with the permit conditions. The decision was taken in accordance with RGN 5 on Operator Competence.	✓
Relevant convictions	<p>The National Enforcement Database has been checked to ensure that all relevant convictions have been declared.</p> <p>No relevant convictions were found.</p> <p>The operator satisfies the criteria in RGN 5 on Operator Competence.</p>	✓

# Notice of variation with introductory note

Environmental Permitting (England & Wales) Regulations 2010

---

Steven Wilkinson and June Wilkinson  
(Trading as Wilkinson Brothers)

Grange Farm Poultry Unit  
Grange Farm  
Sudbrooke Park  
Lincoln  
LN3 5BB

Hall Farm  
Sudbrooke Park  
Lincoln  
LN2 2QZ

Old Hall Farm  
Sudbrooke Park  
Lincoln  
LN2 2QZ

Variation application number  
EPR/EP3831MA/V006

Permit number  
EPR/EP3831MA

# **Grange Farm, Hall Farm and Old Hall Farm**

## **Permit number EPR/EP3831MA**

### **Introductory note**

#### **This introductory note does not form a part of the notice**

The following notice gives notice of the variation of an environmental permit.

This variation is to increase the number of broilers on Grange Farm by 10,000 making a total of 260,000. The total numbers of birds over the three farms will be:-

- Grange Farm, 260,000 broilers
- Hall Farm, 27,500 breeder/layer places
- Old Hall Farm, 15,100 breeder/layer places

Total birds 302,600.

This variation also authorises the installation of a single biomass boiler with a thermal input of 1100kWth to generate hot water used to heat all of the poultry houses at the Hall Farm site and number eight shed at Grange Farm. The biomass boiler shall burn only virgin timber (including wood chips and pellets), miscanthus or straw.

Also renaming of Installation boundary plan in Schedule 7 of the permit to Location map and amended plan of Hall Farm to show position of biomass boiler.

The schedules specify the changes made to the original permit.

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

<b>Status log of the permit</b>		
<b>Description</b>	<b>Date</b>	<b>Comments</b>
Application EPR/EP3831MA/A001	Duly made 17/01/07	Application for an intensive farming poultry installation permit.
Additional information requested 16/05/07	Received 18/05/07	
Permit EPR/EP3831MA/A001 determined	02/07/07	Permit issued
Application reference EPR/EP3831MA/V002	Duly made 01/06/09	
Variation issued EPR/EP3831MA/V002	10/12/09	
Application reference EPR/EP3831MA/V003	Duly made 26/11/10	
Variation issued EPR/EP3831MA/V003	06/12/10	
Application reference EPR/EP3831MA/V004	Duly made 05/11/12	Application to aggregate Grange Farm, Hall Farm and Old Hall Farm
Additional information	Received 28/12/12	Further Ammonia modelling
Variation issued EPR/EP3831MA/V004	06/02/13	Varied permit issued
Application reference EPR/EP3831MA/V005	Duly made 03/06/13	Application to vary the permit to increase bird numbers, add a biomass boiler and update the permit to modern conditions to include the requirements of IED.
Variation issued EPR/EP3831MA/V005	14/06/13	Varied and consolidated permit issued to Steven Wilkinson and June Wilkinson in modern condition format.
Application reference EPR/EP3831MA/V006	17/03/2014	Application to vary the permit to increase bird numbers, add a biomass boiler
Additional information received	02/04/2014	Updated Noise, Odour, Risk assessments, boiler specification clarification
Variation duly made	02/04/2014	
Variation issued EPR/EP3831MA/V006	16/04/2014	Varied permit issued

End of introductory note

## Notice of variation

Environmental Permitting (England and Wales) Regulations 2010

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2010 varies

**Permit number**  
**EPR/EP3831MA**

**issued to:**  
**Steven Wilkinson and June Wilkinson (trading as Wilkinson Brothers)**  
("the Operator")

whose principal office is

Hallbrooke  
Hall Farm  
Sudbrooke Park  
Lincoln  
LN2 2QZ

to operate regulated facilities at

**Grange Farm** and **Hall Farm** and **Old Hall Farm**  
**Sudbrooke Park** **Sudbrooke Park** **Sudbrooke Park**  
**Lincoln** **Lincoln** **Lincoln**  
**LN3 5BB** **LN2 2QZ** **LN2 2QZ**

to the extent set out in the schedules.

The notice shall take effect from 16/04/2014

Name

Date

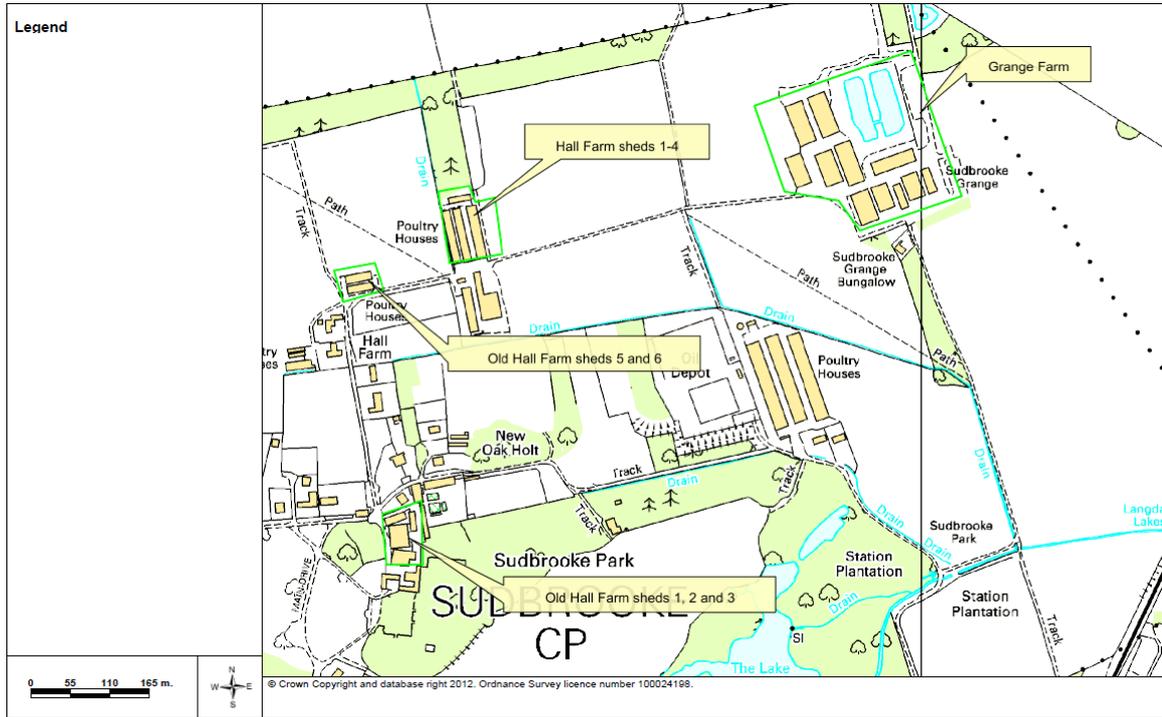
**Thomas Ruffell**

**16/04/2014**

Authorised on behalf of the Environment Agency

# Schedule 1 – conditions to be deleted

## Installation boundary plan



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## Schedule 2 – conditions to be amended

The following conditions are amended as a result of the application made by the Operator

Table S1.1, as referred to in Condition 2.1.1, is amended as follows:

<b>Table S1.1 activities</b>		
<b>Activity listed in Schedule 1 of the EP Regulations</b>	<b>Description of specified activity</b>	<b>Limits of specified activity</b>
Section 6.9 A(1)(a)(i) Rearing of poultry intensively in an installation with more than 40,000 places	<p>The rearing of poultry in an installation with a capacity for 302,600 poultry places comprising of:</p> <p><b>Grange Farm:</b> 260,000 broiler places  <b>Hall Farm:</b> 27,500 breeder/layer places  <b>Old Hall Farm:</b> 15,100 breeder/layer places</p>	From receipt of birds, raw materials and fuels onto the site to removal of birds and associated wastes from site
<b>Directly Associated Activity</b>		
Biomass Boilers	<p>Operation of a Biomass Boiler at Grange Farm with a rated thermal input of 950kW for site heating requirements, burning biomass fuel not comprising waste or animal carcasses.</p> <p>Operation of Biomass Boilers at Hall Farm with a rated thermal input of 1100kW for site heating requirements, burning biomass fuel not comprising waste or animal carcasses.</p>	From receipt of raw materials and fuels, to release of combustion products to air and associated wastes removed from site.

- 2.3.1 (a) 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.
- (b) 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 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.

Table S1.2, as referred to in Condition 2.3.1, is amended as follows:

<b>Table S1.2 Operating techniques</b>		
<b>Description</b>	<b>Parts</b>	<b>Date Received</b>
Application EPR/EP3831MA/A001	Application form and supporting information	17/01/07
Application EPR/EP3831MA/V002	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.	01/06/09
Application EPR/EP3831MA/V004	Application, Part C3, Section 3, Table 3 – Technical standards	27/09/12
Additional information	Confirmation of site plans and drainage details	23/01/13
Application EPR/EP3831MA/V005	Application form Part C3 and Supporting information	07/05/13 and 03/06/13
Application EPR/EP3831MA/V006	Application form Part C3 and Supporting information	17/03/2014
Request for further information	RFI emails dated 28/03/14 and 02/04/14	28/03/14 and 02/04/14

Table S3.1, as referred to in Condition 3.1.1, is amended as follows:

<b>Table S3.1 Point source emissions to air – emission limits and monitoring requirements</b>						
<b>Emission point ref. &amp; location</b>	<b>Parameter</b>	<b>Source</b>	<b>Limit (incl. unit)</b>	<b>Reference period</b>	<b>Monitoring frequency</b>	<b>Monitoring standard or method</b>
<b>Grange Farm</b>						
High velocity roof fan outlets on buildings 1,2,3,4,5,6,7 and 8 as shown on 'Grange site plan June 13_NEW' submitted with application EPR/EP3831MA/V005	---	Poultry houses 1-8	---	---	---	---
Gable end fan outlets on buildings 1,2,3,4,5,6 and 7 as shown on 'Grange site plan June 13_NEW' submitted with application EPR/EP3831MA/V005	---	Poultry houses 1-7	---	---	---	---
Vent from LPG tanks as shown on the building layout plan in the application EPR/EP3831MA/V004	---	LPG tanks	---	---	---	---
Vent from fuel oil tanks as shown on the building layout plan in the application EPR/EP3831MA/V004	---	Diesel tanks	---	---	---	---
Emissions from biomass boiler as shown on 'Grange site plan June 13_NEW' submitted with application EPR/EP3831MA/V005	---	950kW biomass boiler	---	---	---	---

**Table S3.1 Point source emissions to air – emission limits and monitoring requirements**

<b>Emission point ref. &amp; location</b>	<b>Parameter</b>	<b>Source</b>	<b>Limit (incl. unit)</b>	<b>Reference period</b>	<b>Monitoring frequency</b>	<b>Monitoring standard or method</b>
<b>Hall Farm</b>						
High velocity roof fan outlets on buildings 1, 2, 3 and 4 as shown in the application EPR/EP3831MA/V004	---	Poultry houses 1, 2 and 4	---	---	---	---
Side fan outlet on building 3 as shown in the application EPR/EP3831MA/V004		Poultry house 3				
Vent from LPG tanks as shown on the building layout plan in the application EPR/EP3831MA/V004	---	LPG Tanks	---	---	---	---
Emissions from biomass boiler as shown on 'Hall Farm site plan submitted with application EPR/EP3831MA/V006	---	1100kW biomass boiler	---	---	---	---
<b>Old Hall Farm</b>						
High velocity roof fan outlets on buildings 1,2,3, 5 and 6 as shown in the application EPR/EP3831MA/V004	---	Poultry houses 1, 2, 3, 5 and 6	---	---	---	---
Vent from LPG tanks as shown on the building layout plan in the application EPR/EP3831MA/V004	---	LPG Tanks	---	---	---	---

## Schedule 3 – conditions to be added

### 2.5 Pre-operational conditions

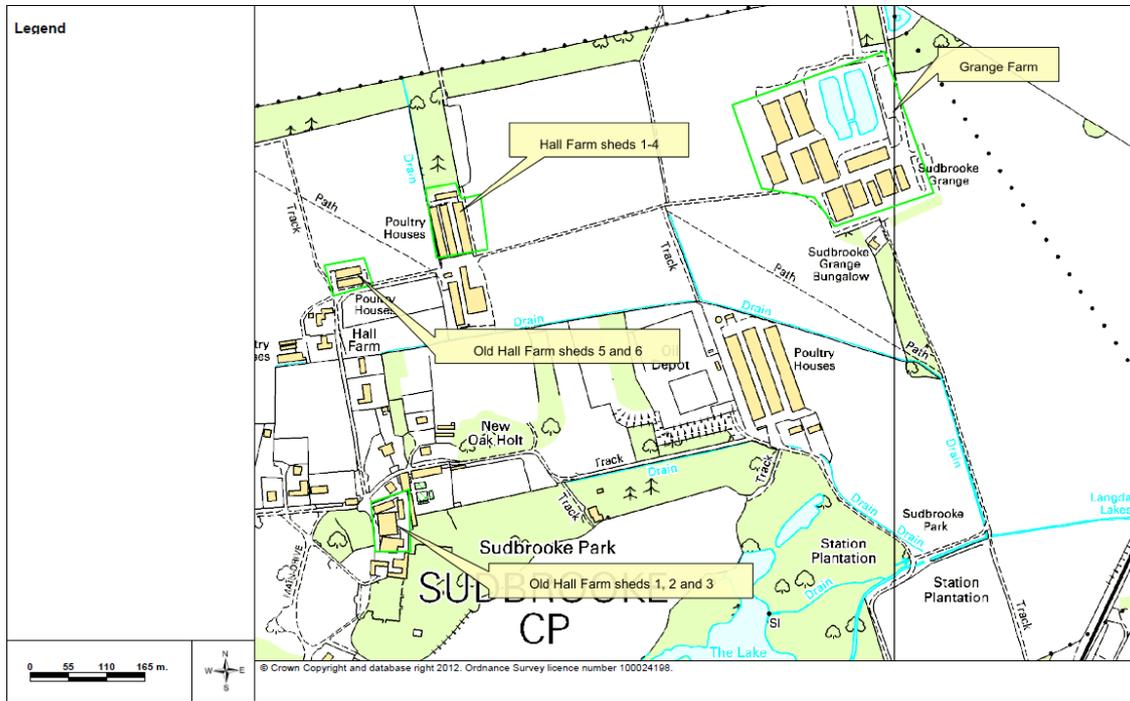
2.5.1 The activities shall not be brought into operation until the measures specified in Schedule 1 Table S1.4 have been completed.

Table S1.4, as referred to in Condition 2.5.1, is added to Schedule 1 as follows:

<b>Table S1.4 Pre-operational measures</b>	
<b>Reference</b>	<b>Pre-operational measures</b>
<b>PO1</b>	At least 14 days prior to the commencement of installation of the biomass boiler to be utilised at Hall Farm the Operator shall send evidence in the form of a certificate from Ofgem stating that the above boiler meets the criteria to qualify for RHI.

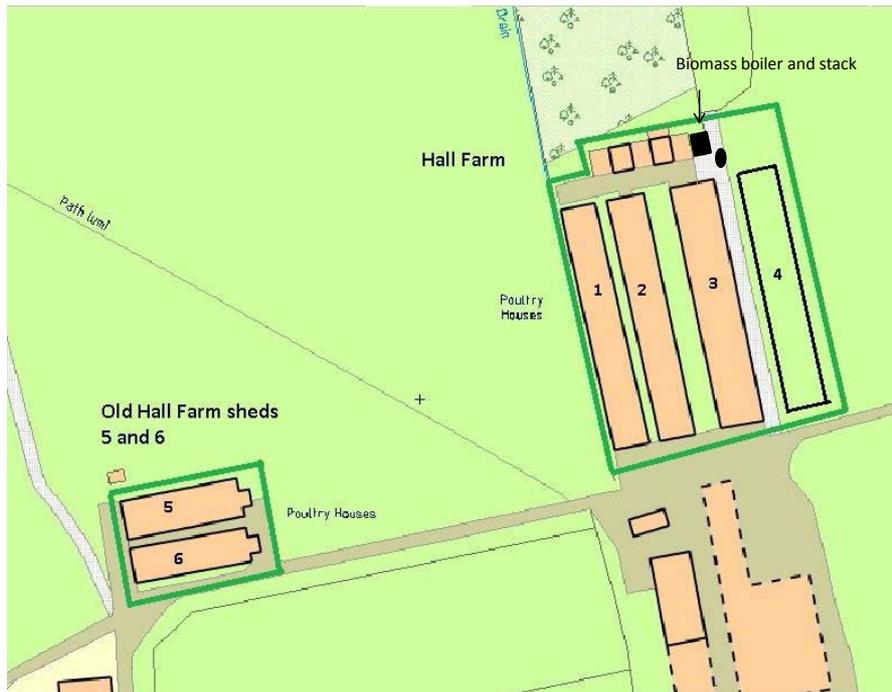
# Schedule 4 – location map and new plan for Hall Farm

## Installation location map



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## Amended plan of Hall Farm



# Environment Agency permitting decisions

## Variation

We have decided to issue the variation for Grange Farm Poultry Unit which includes Grange farm, Hall Farm and Old Hall Farm operated by Steven Wilkinson and June Wilkinson, (Trading as Wilkinson Brothers).

The variation number is EPR/EP3831MA/V006

We consider in reaching that decision we have taken into account all relevant considerations and legal requirements and that the permit will ensure that the appropriate level of environmental protection is provided.

## Purpose of this document

This decision document:

- explains how the application has been determined
- provides a record of the decision-making process
- shows how all relevant factors have been taken into account
- justifies the specific conditions in the permit other than those in our generic permit template.

Unless the decision document specifies otherwise we have accepted the applicant's proposals.

## Structure of this document

- Key issues
- Annex 1 the decision checklist

## Key Issues

### Biomass boiler

The applicant is varying their permit to include a biomass boilers with a net rated thermal input of 1100kWth.

In line with the Environment Agency's May 2013 document "Biomass boilers on EPR Intensive Farms", an assessment has been undertaken to consider the proposed addition of the biomass boilers.

This guidance states that the Environment Agency has assessed the pollution risks and have concluded that air emissions from small biomass boilers are not likely to pose a significant risk to the environment or human health

providing certain conditions are met. Therefore, a quantitative assessment of air emissions will not be required where:

the fuel will be derived from virgin timber, miscanthus or straw, and;

the biomass boiler appliance and installation meets the technical criteria to be eligible for the Renewable Heat Incentive, and;

the aggregate boiler net rated thermal input is:

- A. less than 0.5MWth, or;
- B. less than 1MWth where the stack height is greater than 1 metre above the roof level of adjacent buildings (where there are no adjacent buildings, the stack height must be a minimum of 3 metres above ground), and there are:
  - no Special Areas of Conservation, Special Protection Areas, Ramsar sites or Sites of Special Scientific Interest within 500 metres of the emission point(s);
  - no National Nature Reserves, Local Nature Reserves, ancient woodlands or local wildlife sites within 100 metres of the emission point(s), or;
- C. less than 2MWth where, in addition to the above criteria for less than 1MWth boilers, there are:
  - no sensitive receptors within 150 metres of the emission point(s).

The biomass boilers meet the requirements of criteria **C** above, and are therefore considered not likely to pose a significant risk to the environment or human health and no further assessment is required. In accordance with the Environment Agency's Air Quality Technical Advisory Guidance 14: "for combustion plants under 5MW, no habitats assessment is required due to the size of combustion plant". Therefore, this proposal is considered acceptable and no further assessment is required.

## Annex 1: decision checklist

This document should be read in conjunction with the Duly Making checklist, the application and supporting information and permit / notice.

Aspect considered	Justification / Detail	Criteria met								
		Yes								
<b>Operator</b>										
Control of the facility	We are satisfied that the applicant (now the Operator) is the person who will have control over the operation of the facility after the grant of the permit. The decision was taken in accordance with EPR RGN 1 Understanding the meaning of Operator.	✓								
<b>European Directives</b>										
Applicable directives	All applicable European directives have been considered in the determination of the application.	✓								
<b>The site</b>										
Extent of the site of the facility	The Operator has provided a plan which we consider is satisfactory, showing the extent of the site of the facility	✓								
Biodiversity, Heritage, Landscape and Nature Conservation	<p>The application is within the relevant distance criteria of a site of heritage, landscape or nature conservation, and/or protected species or habitat .</p> <p>Screening using the Ammonia Screening Tool (v4.4) has indicated that the PC for Bardney Limewoods SSSI is predicted to be less than 20% Critical Level for ammonia, acid and N deposition therefore it is possible to conclude no damage. The results of the ammonia screening tool v4.4 are given in the tables below.</p> <p><b>Ammonia Emissions</b></p> <table border="1"> <thead> <tr> <th>Name of SSSI</th> <th>Ammonia Cle (<math>\mu\text{g}/\text{m}^3</math>)</th> <th>PC (<math>\mu\text{g}/\text{m}^3</math>)</th> <th>PC as % of Critical level</th> </tr> </thead> <tbody> <tr> <td>Bardney Limewoods</td> <td><math>1\mu\text{g}/\text{m}^3</math></td> <td>0.050</td> <td>5%</td> </tr> </tbody> </table> <p>Screening using the Ammonia Screening Tool (v4.4) has indicated that the PC for Sudbrooke Park, New Oak Hold and Station Plantation, Barling Pits, Ash Holt, Scothern and British Rail Wood, Scothern Local Wildlife Sites are predicted to be less than 100% Critical Level for</p>	Name of SSSI	Ammonia Cle ( $\mu\text{g}/\text{m}^3$ )	PC ( $\mu\text{g}/\text{m}^3$ )	PC as % of Critical level	Bardney Limewoods	$1\mu\text{g}/\text{m}^3$	0.050	5%	✓
Name of SSSI	Ammonia Cle ( $\mu\text{g}/\text{m}^3$ )	PC ( $\mu\text{g}/\text{m}^3$ )	PC as % of Critical level							
Bardney Limewoods	$1\mu\text{g}/\text{m}^3$	0.050	5%							

Aspect considered	Justification / Detail	Criteria met												
		Yes												
	<p>ammonia, acid and N deposition therefore it is possible to conclude no damage. The results of the ammonia screening tool v4.4 are given in the table below.</p> <p><b>Ammonia Emissions</b></p> <table border="1"> <thead> <tr> <th>Name of LWS</th> <th>Ammonia Cle (<math>\mu\text{g}/\text{m}^3</math>)</th> <th>PC (<math>\mu\text{g}/\text{m}^3</math>)</th> <th>PC as % of Critical level</th> </tr> </thead> <tbody> <tr> <td>Sudbrooke Park</td> <td><math>1\mu\text{g}/\text{m}^3</math></td> <td>1.869</td> <td>62.3</td> </tr> <tr> <td>New Oak Hold and Station Plantation</td> <td><math>3\mu\text{g}/\text{m}^3</math>*</td> <td>1.220</td> <td>40.7</td> </tr> </tbody> </table> <p>*Easimap layer shows no protected lichen/bryophyte species, therefore CLe3 applied.</p> <p>We consider that the application will not affect the features of the site.</p> <p>We have not formally consulted on the application. The decision was taken in accordance with our guidance. An Appendix 4 CROW form will be stored on EDRM for auditing purposes only.</p>	Name of LWS	Ammonia Cle ( $\mu\text{g}/\text{m}^3$ )	PC ( $\mu\text{g}/\text{m}^3$ )	PC as % of Critical level	Sudbrooke Park	$1\mu\text{g}/\text{m}^3$	1.869	62.3	New Oak Hold and Station Plantation	$3\mu\text{g}/\text{m}^3$ *	1.220	40.7	
Name of LWS	Ammonia Cle ( $\mu\text{g}/\text{m}^3$ )	PC ( $\mu\text{g}/\text{m}^3$ )	PC as % of Critical level											
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New Oak Hold and Station Plantation	$3\mu\text{g}/\text{m}^3$ *	1.220	40.7											
<b>Environmental Risk Assessment and operating techniques</b>														
Environmental risk	<p>We have reviewed the Operator's assessment of the environmental risk from the facility.</p> <p>The Operator's risk assessment is satisfactory.</p>	✓												
Operating techniques	<p>We have reviewed the techniques used by the Operator and compared these with the relevant guidance notes.</p>	✓												
<b>The permit conditions</b>														
Raw materials	<p>We have specified limits and controls on the use of raw materials and fuels.</p>	✓												
Incorporating the application	<p>We have specified that the applicant must operate the permit in accordance with descriptions in the application, including all additional information received as part of the determination process.</p> <p>These descriptions are specified in the Operating Techniques table in the permit.</p>	✓												
<b>Operator Competence</b>														
Environment management	<p>There is no known reason to consider that the Operator will not have the management systems to enable it to</p>	✓												

Aspect considered	Justification / Detail	Criteria met
		Yes
system	comply with the permit conditions. The decision was taken in accordance with RGN 5 on Operator Competence.	
Relevant convictions	The National Enforcement Database has been checked to ensure that all relevant convictions have been declared.	✓