# Permit with introductory note

Pollution Prevention and Control (England & Wales) Regulations 2000

Sunhill Pig Unit.

Chapel Ascote Farms Limited
Welsh Way
Poulton
Cirencester
Gloucestershire
GL7 5SY

Permit number

JP3037MR

# Sunhill Pig Unit.
# Permit Number : JP3037MR

# Introductory note

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

The main features of the installation are as follows;

Chapel Ascote Farms Limited have recently taken over the operations at Sunhill Piggery, from H.F.Hart Limited. Sunhill Piggery has a capacity of up to 4,000 production pigs over 30kg, which are reared to the point of slaughter. Finished animals are removed to a nearby facility where they are processed for the human food chain.

The site is situated in a largely rural area, with the market town of Fairford being 3.5km to the South. The land around the site is predominantly farmed for grazing and arable. There is some residential housing within 400 metres of the installation. The site is flat and most of the surrounding land is flat or gently undulating and forms part of the Southern Cotswolds, an Area of Outstanding Natural Beauty. There is one European Designated Conservation site within 10km of the installation, namely North Meadow and Clattengher Farm (SAC), and SSSI of Barnsley Warren lies about 4900m distant.

There are 12 pig houses in styles to suit the pig production carried out. Most of the sheds are low level 'Trowbridges' built in 1997. These sheds are naturally ventilated by a computer controlled side vent extraction system, and associated fuel, feed mill and storage tanks are positioned on the installation. Mortalities are stored in covered containers and regularly collected by a licensed contractor and disposed of off site. Both dry and liquid feed is fed to the animals during their production cycle. Dry feeds are bought in pre-mixed, but liquid feeds are mixed on site from a range of waste products from human food production. Feed is stored in large steel tanks on-site before use.

Slurry is collected throughout the production cycle in concrete slatted channels beneath the pig housing and is pumped to earth banked slurry lagoons within the installation. Clean roof water is piped away to a ditch running adjacent to the site. At the end of a production cycle, the sheds are washed down and disinfected before new stock is introduced. The wash water and contaminated yard water enters the slurry system and is pumped to the slurry lagoons. All slurry is spread on land operated by Sunhill Piggery according to a manure management plan, or on land belonging to neighbouring farms.

Releases from this type of installation may include ammonia and dust to air, releases to controlled water, land and groundwater and releases of odour and noise.

| Status Log of the permit | | |
|---|---|---|
| **Detail** | **Date** | **Response Date** |
| Application JP3037MR | 19/02/07 | |
| Additional Information Request | 27/04/07 | 13/06/07 |
| Additional Information Request | 26/06/07 | 29/06/07 |
| Permit determined | 25/07/07 | |

End of Introductory Note

# Permit

Permit number
**JP3037MR**

The Environment Agency (the Agency) in exercise of its powers under Regulation 10 of the Pollution Prevention and Control (England and Wales) Regulations 2000 (SI 2000 No 1973) hereby authorises,

**Chapel Ascote Farms Limited** ("the operator"),

whose registered office is

**2 Lombard Street West**

**West Bromwich**

**West Midlands**

**B70 8EH**

company registration number 3311710

to operate an installation at

**Welsh Way**
**Poulton**
**Cirencester**
**Gloucestershire**
**GL7 5SY**

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

| Signed | Date |
|---|---|
| | |

**R. Holland**

Authorised to sign on behalf of the Agency

# Conditions

# 1 Management

## 1.1 General management

1.1.1 The activities shall be managed and operated:

(a) in accordance with a management system, which identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents and non-conformances and those drawn to the attention of the operator as a result of complaints; and

(b) by sufficient persons who are competent in respect of the responsibilities to be undertaken by them in connection with the operation of the activities.

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 Accident management plan

1.2.1 The operator shall:

(a) maintain and implement an accident management plan;

(b) review and record at least every 4 years or as soon as practicable after an accident, (whichever is the earlier) whether changes to the plan should be made;

(c) make any appropriate changes to the plan identified by a review.

## 1.3 Energy efficiency

1.3.1 The operator shall:

(a) take appropriate measures to ensure that energy is used efficiently in the activities;

(b) review and record at least every 4 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.

## 1.4 Efficient use of raw materials

1.4.1 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 4 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.

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

1.5.1. The operator shall:

(a) take appropriate measures to ensure that waste produced by the activities is avoided or reduced, or where waste is produced it is recovered wherever practicable or otherwise disposed of in a manner which minimises its impact on the environment;

(b) review and record at least every 4 years whether changes to those measures should be made; and

(c) take any further appropriate measures identified by a review.

## 1.6 Site security

1.6.1. Site security measures shall prevent unauthorised access to the site, as far as practicable.

# 2 Operations

## 2.1 Permitted activities

2.1.1 The operator is 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 2 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 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 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.

2.3.4 The operator shall:

(a) maintain and implement a manure management plan;

(b) review and record at least every 4 years whether changes to the plan should be made;

(c) make any appropriate changes to the plan identified by the review.

## 2.4 Off-site conditions

There are no off-site conditions under this section.

## 2.5 Improvement programme

2.5.1 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 Agency.

2.5.2 Except in the case of an improvement, which consists only of a submission to the Agency, the operator shall notify the Agency within 14 days of completion of each improvement.

## 2.6 Pre-operational conditions

2.6.1 The operations specified in schedule 1 table S1.4 shall not commence until the measures specified in that table have been completed.

## 2.7 Closure and decommissioning

2.7.1 The operator shall maintain and operate the activities so as to prevent or where that is not practicable, to minimise, any pollution risk on closure and decommissioning.

2.7.2 The operator shall maintain a site closure plan which demonstrates how the activities can be decommissioned to avoid any pollution risk and return the site to a satisfactory state.

2.7.3 The operator shall carry out and record a review of the site closure plan at least every 4 years.

2.7.4 The site closure plan (or relevant part thereof) shall be implemented on final cessation or decommissioning of the activities or part thereof.

# 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 4 tables S4.1 and S4.2.

## 3.2 Transfers off-site

3.2.1 Records of all the wastes sent off site from the activities, for either disposal or recovery, shall be maintained.

## 3.3 Fugitive emissions of substances

3.3.1 Fugitive emissions of substances (excluding odour, noise and vibration) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, have been taken to prevent or where that is not practicable, to minimise, those emissions.

3.3.2 All liquids 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.

## 3.4 Odour

3.4.1 Emissions from the activities shall be free from odour at levels likely to cause annoyance outside the site, as perceived by an authorised officer of the Agency, unless the operator has used appropriate measures, including those specified in schedule 1 table S1.5, to prevent or where that is not practicable to minimise the odour.

## 3.5 Noise and vibration

3.5.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause annoyance outside the site, as perceived by an authorised officer of the Agency, unless the operator has used appropriate measures, including those specified in schedule 1 table S1.6, to prevent or where that is not practicable to minimise the noise and vibration.

# 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 Agency, for at least 6 years from the date when the records were made.

4.1.2 Any records required to be made by this permit shall be supplied to the Agency within 14 days where the records have been requested in writing by the Agency.

4.1.3 All records required to be held by this permit shall be held on the site or at another location agreed by the Agency and shall be available for inspection by the Agency at any reasonable time.

## 4.2 Reporting

4.2.1 A report or reports shall be submitted to the Agency by 31 January (or other date agreed with the Agency) each year. The report (s) shall include;

(a) where the operator's management system encompasses annual improvement targets, a summary report of the previous year's progress against such targets;

(b) details of any contamination or decontamination of the site which has occurred.

4.2.2 The operator shall, unless notice under this condition has been served within the preceding 4 years, submit to the Agency, within 6 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.

4.2.3 All reports and notifications required by the permit shall be sent to the Agency using the contact details supplied in writing by the Agency.

## 4.3 Notifications

4.3.1 The Agency shall be notified without delay following the detection of:

(a) any malfunction, breakdown or failure of equipment or techniques, accident, or fugitive emission which has caused, is causing or may cause significant pollution;

(b) the breach of a limit specified in the permit;

(c) any significant adverse environmental effects.

4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 6 to this permit within the time period specified in that schedule.

4.3.3 Prior written notification shall be given to the Agency of the following events and in the specified timescales:

(a) as soon as practicable prior to the permanent cessation of any of the activities;

(b) cessation of operation of part or all of the activities for a period likely to exceed 1 year; and

(c) resumption of the operation of part or all of the activities after a cessation notified under (b) above.

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

4.3.5 Where the 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 Agency when the relevant monitoring is to take place. The operator shall provide this information to the Agency at least 14 days before the date the monitoring is to be undertaken.

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

(a) any change in the operator's trading name, registered name or registered office address;

(b) any change to particulars of the operator's ultimate holding company (including details of an ultimate holding company where an operator has become a subsidiary); and

(c) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.

4.3.7 Climate Change Agreement

Where the operator has entered into a climate change agreement with the Government, the 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 7 shall have the meaning given in that schedule.

# Schedule 1 - Operations

**Table S1.1 Activities**

| Activity listed in Schedule 1 of the PPC Regulations | Description of specified activity | Limits of specified activity |
|---|---|---|
| Section 6.9 A(1)(a) Rearing of poultry or pigs intensively in an installation with more than: 2,000 places for production pigs (over 30kg) | Rearing of pigs intensively in an installation with a capacity for 4,000 production pig places. | From receipt of production pigs (over 30kg), raw materials and fuels on to the site to finished pigs and associated wastes being removed from site. |
| **Directly Associated Activities** | | |
| – – – | – – – | – – – |

**Table S1.2 Operating techniques**

| Description | Parts | Date Received |
|---|---|---|
| Application | The responses to sections B2.3.1, B2.3.2, B2.3.3, B2.5.1, B2.5.2, B2.5.3, B2.7.1 and B 2.7.2 in the Application. | 19/02/07 |
| Request for Information dated 27/04/07 | Response to Request for Information confirming site boundary, drainage and foodstuff storage. | 13/06/07 |
| Request for Information dated 26/06/07 | Response to Request for Information confirming change of company names and management details. | 29/06/07 |

| Table S1.3 Improvement programme requirements | | |
|---|---|---|
| **Reference** | **Requirement** | **Date** |
| IC1 | 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 5.3.1 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.<br><br>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. | 31/01/08 |
| IC2 | 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.<br><br>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. | 31/07/08 |
| IC3 | A written plan shall be submitted to the Agency for approval following a review of existing pig housing and management practices at the installation. The plan shall take into account the appropriate measures in S5.2.1 & S5.2.2 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<br>The notification requirements of condition 2.5.2 shall be deemed to have been complied with on submission of the plan.<br><br>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. | 31/07/08 |

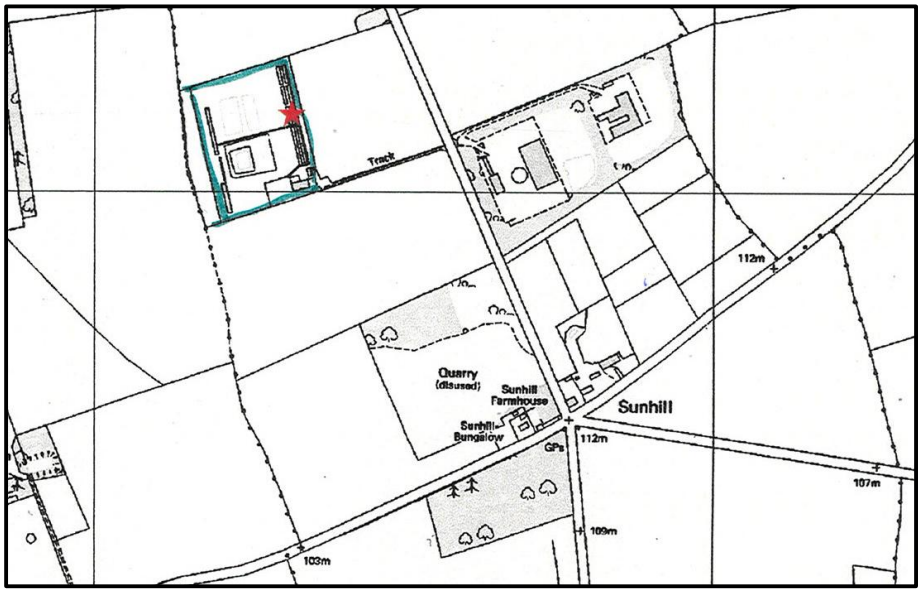
| Table S1.4 Pre-operational measures for future development | | |
|---|---|---|
| **Reference** | **Operation** | **Pre-operational measures** |
| Condition 2.6.1 | Building of new carcass incinerator at Sunhill Piggery. | The operator shall advise the Agency 14 days prior to commissioning the incinerator, and ensure that the incinerator has appropriate Animal Health Authorisation. |

| Table S1.5 Appropriate measures for odour | |
|---|---|
| **Measure** | **Dates** |
| The operator shall maintain and implement the odour management plan submitted with the application in accordance with TGN SRG 6.02(Farming), Odour Management at Intensive Livestock Installations<br><br>The operator shall review the plan and record at least every 4 years or as soon as practicable after a complaint, (whichever is the earlier) whether changes to the plan should be made and make any appropriate changes to the plan identified by a review. | 25/07/07 |

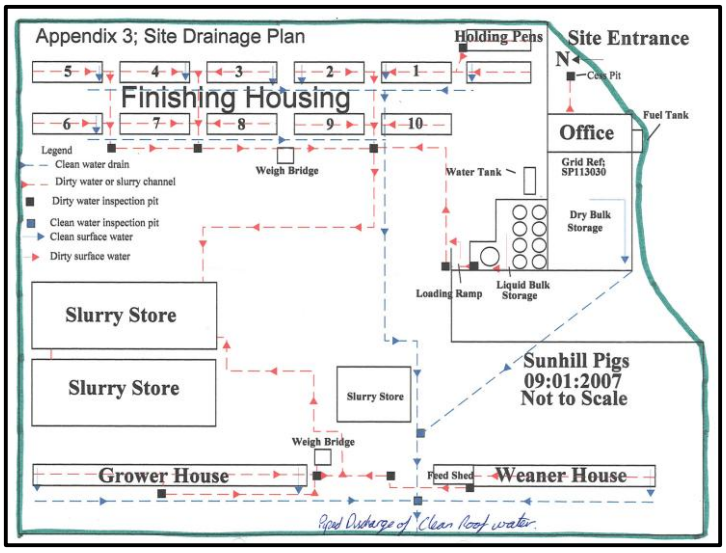
| | |
|---|---|
| **Measure** | **Dates** |
| The operator shall maintain and implement the noise management plan submitted with the application in accordance with TGN SRG 6.02(Farming), Noise Management at Intensive Livestock Installations.<br><br>The operator shall review and record at least every 4 years or as soon as practicable after a complaint, (whichever is the earlier) whether changes to the plan should be made and make any appropriate changes to the plan identified by a review. | 25/07/07 |

# Schedule 2 - Site plan

### Site Location




### Site Map




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# Schedule 3 - Waste types, raw materials and fuels

**Table S3.1 Raw materials and fuels**

| Raw materials and fuel description | Specification |
|---|---|
| -- -- -- | -- -- -- |
| | |

# Schedule 4 – Emissions and monitoring

**Table S4.1 Point source emissions to air – emission limits and monitoring requirements**

| Emission point ref. & location | Parameter | Source | Limit (including unit) | Reference period | Monitoring frequency | Monitoring standard or method |
|---|---|---|---|---|---|---|
| Side vent outlets on pig housing as shown on the plan reference Appendix 3 in the application | --- | Finishing sheds - 1 – 10<br>Grower House<br>Weaner House | ---- | --- | --- | --- |
| Uncovered Earth Banked Slurry Lagoons as shown on the plan, reference Appendix 3 on the application. | --- | Uncovered Earth Banked Slurry Lagoons. | ---- | --- | --- | --- |

**Table S4.2 Point Source emissions to land -- emission limits and monitoring requirements**

| Emission point ref. & location | Parameter | Source | Limit (incl. unit) | Reference Period | Monitoring frequency | Monitoring standard or method |
|---|---|---|---|---|---|---|
| Piped outlets to dry ditch to the west of the site as shown on the plan reference Appendix 1a in the application. | --- | Clean roof water drainage serving finishing sheds 1-10, Grower house, Weaner house, and Holding pens. | ---- | ---- | --- | --- |

# Schedule 5 - Reporting

No reports are required under this schedule.

# Schedule 6 - 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 PPC Regulations.

## Part A

| | |
|---|---|
| Permit Number | |
| Name of operator | |
| Location of Installation | |
| Time and date of the detection | |

| **(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or fugitive emission 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 | |

| 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 installation in the preceding 24 months. | |

| | |
|---|---|
| **Name*** | |
| **Post** | |
| **Signature** | |
| **Date** | |

* authorised to sign on behalf of **Chapel Ascote Farms Limited**.

# Schedule 7 - Interpretation

"a*ccident*" means an accident that may result in pollution.

*"Animal Health"* is the government agency who licences small on farm incinerators. Formerly known as the State Veterinary Service.

"a*nnually*" means once every year.

"a*pplication*" 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 4 to the PPC Regulations.

*"authorised officer*" means any person authorised by the 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.

*"emissions to land*", includes emissions to groundwater.

*"fugitive emission"* means an emission to air, water or land from the activities which is not controlled by an emission limit.

*"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.

*'Manure management plan' means the* requirements described in Section 7.2 of TGN How to Comply,

*"Manure and slurry"* has the meaning given in TGN How to Comply.

*"notify without delay" and "notified without delay"* means that a telephone call can be used, whereas all other reports and notifications must be supplied in writing, either electronically or on paper.

*"PPC Regulations"* means the Pollution, Prevention and Control (England and Wales) Regulations SI 2000 No.1973 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

"*quarter*" means a calendar year quarter commencing on 1 January, 1 April, 1 July or 1 October.

*"TGN How to comply" The* IPPC Technical Guidance Note for intensive pig and poultry farmers, Version 1 published April 2006.

*"year"* means calendar year ending 31 December.

END OF PERMIT