Permit with introductory note

Pollution Prevention and Control (England & Wales) Regulations 2000

Allenford Farms Pig Unit

Mr Roy Shepherd,
The Earl of Radnor,
Viscount Folkestone and
Mr Robert Shepherd
(trading as Allenford Farms)
South Allenford Farm
Damerham
Fordingbridge
Hampshire
SP6 3JW

Permit number

AP3239US

Allenford Farms Pig Unit
Permit Number AP3239US

Introductory note

This introductory note does not form a part of the permit

The main features of the installation are as follows. The partnership, Allenford Farms owns and operates this pig farm, which holds 940 breeding sows and has a capacity for finishing 3,250 pigs (over 30kg).

The site is situated 2km to the west of Damerham. The land to the North, East and South of the site is used for arable and grass farming, with the land to the west being used for beef housing during the winter months. The land to the South and West is flat, but slopes up towards the North-East of the site. There is a small area of woodland to the South and two Sites of Special Scientific Interest (SSSI) Tidpit and Martin Down (under 2km) to the North-West and Boulsbury Wood (under 2km) located to the West.

There are 16 pig houses, 14 with natural ventilation, 2 with fan ventilation and associated fuel, and feed storage silos on the installation. Farrowing sows are outdoors in arcs. Feed is stored and then mixed on site in one of three kitchens. Pig mortalities are incinerated on site in an incinerator approved by Animal Health. The pens are cleaned and disinfected in between batches, the wash water is then collected beneath the buildings and flows into a reception pit before being pumped into an above ground slurry store. Both the manure and slurry is spread onto Allenford Farms own arable farmland in accordance with their manure management plan. The site is situated within a Nitrate Vulnerable Zone. Releases from this type of installation may include releases of 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 AP3239US	Duly made 06/06/07	
Additional Information Request	26/03/07	17/05/07
Additional Information Request	23/07/07	10/08/07
Additional Information Request	02/08/07	12/09/07
Permit determined	25/10/07	

Other existing Licences/Authorisations/Registrations relating to this site		
Holder	**Reference Number**	**Date of issue**
Water Abstraction Licence	13/43/027/G/117	07/06/96

End of Introductory Note

Permit

Permit number
AP3239US

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
Robert Shepherd of Allenford Farms, Damerham, Fordingbridge, Hampshire SP6 3JW
Roy Shepherd of Allenford Farms, Damerham, Fordingbridge, Hampshire SP6 3JW
Viscount Folkestone of Allenford Farms, Damerham, Fordingbridge, Hampshire SP6 3JW
The Earl of Radnor of Allenford Farms, Damerham, Fordingbridge, Hampshire SP6 3JW
("the operator"),

to operate an installation at
South Allenford Farm
Damerham
Fordingbridge
Hampshire
SP6 3JW

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

Signed	Date
Holland	25th October 2007

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:

(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

There are no pre-operational conditions in this permit.

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 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 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) 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.

4.3.7 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

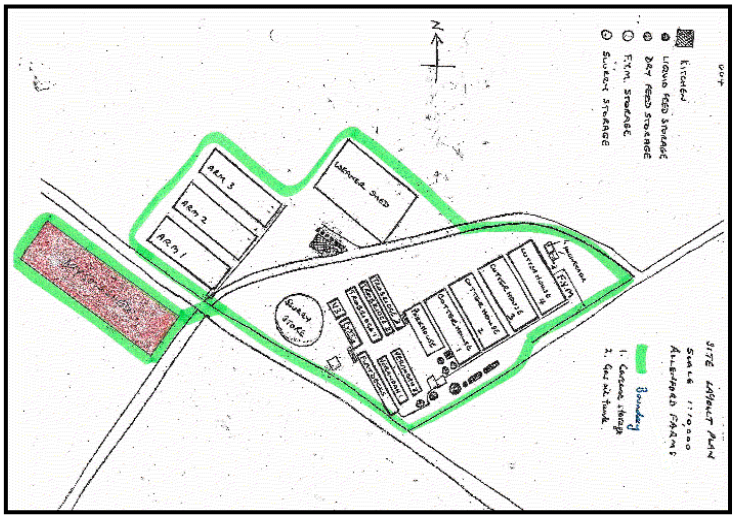
Table S1.1 Activities		
Activity listed in Schedule 1 of the PPC Regulations	**Description of specified activity**	**Limits of specified activity**
Section 6.9 A(1)(a) Rearing of poultry or pigs intensively in an installation with more than: (ii) 2,000 places for production pigs (over 30kg)	Rearing of pigs intensively in an installation with a capacity for 3,250 production pig places.	Keeping of production pigs (over 30kg), including from receipt of raw materials and fuels on to the site to finished pigs and associated wastes being removed from site.
Section 6.9 A(1)(a) Rearing of poultry or pigs intensively in an installation with more than: (iii) 750 places for sows	Rearing of pigs intensively in an installation with a capacity for 940 sow places.	Keeping of sows, including from receipt of, raw materials and fuels onto the site, from site production of piglets, rearing of piglets to 30Kg and up to removal of pigs and associated wastes from site.
Directly Associated Activity		
Carcass incineration	Operation of an Incinerator for carcass disposal Animal Health approved < 50 kg/hr	From receipt of raw materials, receipt of fuels and input of carcasses, to release of combustion products to air and associated wastes removed from site

Table S1.2 Operating techniques		
Description	**Parts**	**Date Received**
Application	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 B2.7.2 in the Application.	06/06/07
Request for Information dated 26/03/07	Response to Request for Information confirming the site history, site drainage and storage of chemicals and disinfectants.	17/05/07
Request for Information dated 23/07/2007	Response to Request for Information confirming ventilation system and drainage of pig housing, diesel oil storage, DEFRA approved incinerator and the capacity and details of any discharges to groundwater	10/08/07
Request for Information dated 02/08/2007	Response to Request for Information further confirming ventilation systems	12/09/07

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. 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.	30/04/08
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. 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.	31/10/08
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. The notification requirements of condition 2.5.2 shall be deemed to have been complied with on submission of the plan. The plan shall be implemented by the operator from the date of approval in writing by the Agency subject to such amendments or additions as notified by the Agency.	31/10/08

Schedule 2 - Site plan –

Site Location



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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**
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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
Roof fan outlets on buildings marked Flat Decks abd Pork House shown on the plan reference Allenford Farms Pig Unit Site Layout Plan in the application	---	Flat Decks and Pork House	---	---	---	---
Roof vents on buildings marked Cutter House 1-3, Weaner Shed and Dry Sow Shed as shown on the plan reference Allenford Farms Pig Unit Site Layout Plan in the application	---	Cutter House 1 – 3, Weaner Shed and Dry Sow Shed	---	---	---	---
Side vents on buildings marked Cutter House 1-3, Verandah 1 & 2, Trobridge 1-3, Weaner Shed, and Arm 1-3 and dry sow shed as shown on the plan reference Allenford Farms Pig Unit Site Layout Plan in the application	---	Cutter House 1-3, Verandah 1 & 2, Trobridge 1-3, Weaner Shed, and Arm 1-3 and Dry Sow Shed	---	---	---	---
Chimney from carcass incinerator as shown on the plan reference Allenford Farms Pig Unit Site Layout Plan in the application	---	Carcass incinerator	---	---	---	---
Vents from oil tanks as shown on the plan reference Allenford Farms Pig Unit Site Layout Plan in the application	---	Diesel Tank	---	---	---	---

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**
Soakaways as shown on the plan received as RFI2 dated 12/09/07	---	Roof water from the Dry Sow Shed, Weaner Shed and ARM 1 - 3	---	---	---	---

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 Allenford Farms

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