



# Permit with introductory note

Pollution Prevention and Control (England & Wales) Regulations 2000

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Croase Poultry Farm

Mr J Watkins, Mrs G Watkins and Mr  
E Watkins  
(trading as Croase Farm Partnership)  
Croase Farm  
Luston  
Leominster  
Herefordshire  
HR6 0BX

Permit number

HP3536MB

# Croase Poultry Farm

## Permit Number HP3536MB

### Introductory note

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

The main features of the installation are as follows.

The installation is situated in a predominantly agricultural area to the north of Leominster. Land use in the area is a mixture of both arable and livestock production. The installation is operated by the partnership, Croase Farm Partnership.

The installation comprises three equal sized sheds, approximately eighteen years old, with places for 82,500 broilers. The farm operates a batch crop system on 35 to 49 day cycles, giving between 6 and 8.5 crops per year.

The sheds are ventilated using side inlet and roof discharge fans to control both temperature and humidity. Water is supplied via non drip nipple drinkers. Feed is stored in bulk hoppers on the installation and diets have both protein and phosphorus levels reduced throughout the finishing cycle. Fuels, medicines, vaccines and chemicals are also stored and used on the installation.

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.

Lightly contaminated roof water and clean yard water from the unit is discharged to a land drainage ditch.

The manure from the installation is exported and spread on both operator and third party controlled land. Wash waters are stored in sealed underground tanks on the unit and spread on operator controlled land.

Dead stock are collected daily and stored on the installation prior to removal by registered contractor under the fallen stock scheme.

The installation is within 400 metres of sensitive receptors and the operator has submitted odour and noise management plans for the day to day operation and de-stocking and litter removal operations.

The closest designated habitats to the installation are both 2.4 Km from the installation and designated Sites of Special Scientific Interest.

The River Lugg is an important river habitat and the River Lugg Meanders are an important river habitat coupled with a natural flood management scheme.

Status Log of the permit		
Detail	Date	Response Date
Application HP3536MB received	22/12/2006	
Additional information received		26/06/2007
Permit issued	20/07/2007	

End of Introductory Note

**Permit**

Pollution Prevention and Control  
(England and Wales) Regulations 2000

## Permit

Permit number

**HP3536MB**

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

**Mr John Watkins** of Heartsease, Knighton, Powys, LD7 1LU,  
**Mrs Gertrude Roma Watkins** of Heartsease, Knighton, Powys, LD7 1LU and  
**Mr Edward Roger Watkins** of Croase Farm, Luston, Herefordshire, HR6 0BX.  
("the operator"),

to operate an installation at  
**Croase Farm,**  
**Luston,**  
**Leominster,**  
**Herefordshire,**  
**HR6 0BX**

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

Signed

Date

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M Jenkins

Permitting Team Leader

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 red on the site plans in 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 No raw materials or fuels listed in schedule 3 table S3.1 shall be used unless they comply with 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 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 under this section.

## **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 S1.4, 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 S1.5, 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: (i) 40,000 places for poultry.	The rearing of broilers in a facility with a capacity for 82,500 places.	From receipt of birds, raw materials and fuels onto the site to the removal of birds and associated wastes from the site.
<b>Directly Associated Activity</b>		
-		

**Table S1.2 Operating techniques**

Description	Parts	Date Received
Application	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.	22/12/2006

**Table S1.3 Improvement programme requirements**

Reference	Requirement	Date
IC1	The operator shall bund the Agricultural fuel oil storage facilities to comply with the requirements of S3.3 of TGN How to Comply, Version 1.	31/01/2008
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 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>	31/07/2008
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.</p> <p>The notification requirements of condition 2.5.2 shall be deemed to have been complied with on submission of the plan.</p> <p>The plan shall be implemented by the operator from the date of approval in writing by the Agency subject to such amendments or additions as notified by the Agency.</p>	31/07/2008

**Table S1.4 Appropriate measures for odour**

<b>Measure</b>	<b>Dates</b>
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.	20/07/2007
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.	

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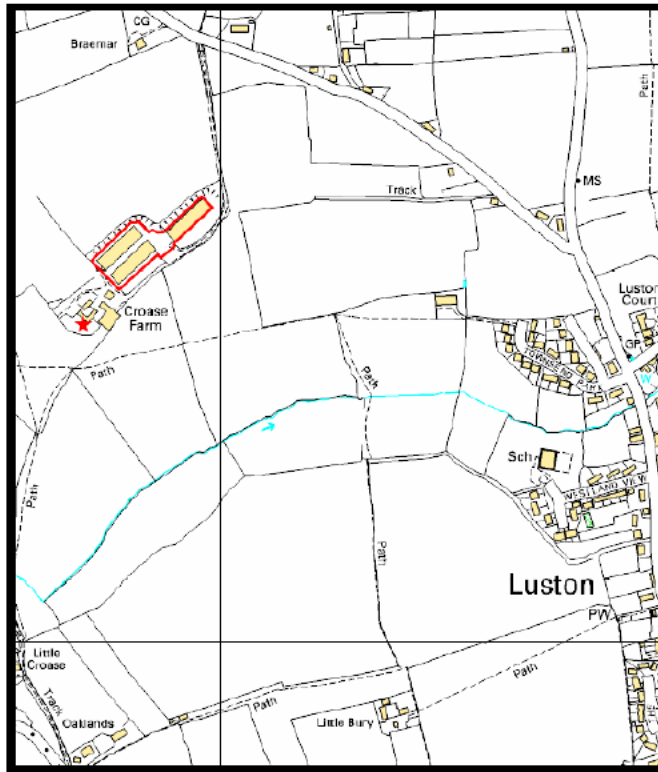
**Table S1.5 Appropriate measures for noise**

<b>Measure</b>	<b>Dates</b>
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.	20/07/2007
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.	

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# Schedule 2

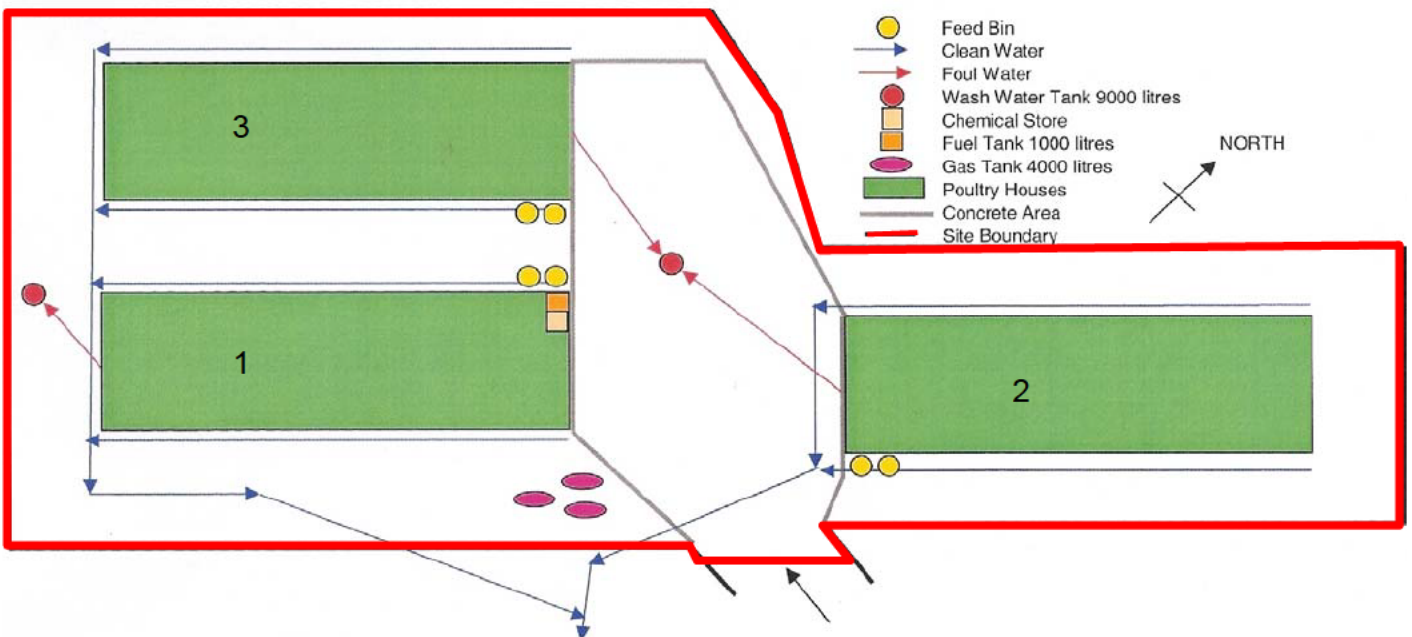
## Location Plan



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## Site Plan

(Application Ref – Croase Site Plan)



## 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
Roof fan outlets on building 1 - 3 as shown on the plan reference 'Croase Site Plan' in the application	-	Poultry sheds 1 - 3	-	-	-	-
Vent from LPG tanks as shown on the plan reference 'Croase Site Plan' in the application	-	LPG Tanks	-	-	-	-
Vent from oil tank as shown on the plan reference 'Croase Site Plan' in the application	-	Diesel Tank	-	-	-	-
Exhausts from the stand-by generator as shown on the plan reference 'Croase Noise Management Plan' in the application	-	Standby generator	-	-	-	-

**Table S4.2 Point Source emissions to water (other than sewer) – emission limits and monitoring requirements**

Emission point ref. & location	Parameter	Source	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
Outlet to dry land drainage ditch with discharge to an unnamed tributary of Ridgemoor Brook as shown on the plan reference 'Croase Site Plan' in the application	-	Roof water from poultry sheds 1 - 3 and clean yard water	-	-	-	-

## **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	<b>HP3536MB</b>
Name of operator	<b>Mr John Watkins, Mrs Gertrude Roma Watkins and Mr Edward Roger Watkins.</b>
Location of Installation	<b>Croase Farm, Luston, Leominster, Herefordshire, HR6 0BX</b>
Time and date of the detection	

<b>(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</b>	
<b>To be notified within 24 hours of detection</b>	
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>(b) Notification requirements for the breach of a limit</b>	
<b>To be notified within 24 hours of detection unless otherwise specified below</b>	
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.	

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

\* authorised to sign on behalf of **Mr John Watkins, Mrs Gertrude Roma Watkins**

**and Mr Edward Roger Watkins.**

## Schedule 7 - Interpretation

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

"*annually*" means once every year.

"*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 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.

"*LPG*" means Liquefied Petroleum Gas

"*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