



Permit with introductory note

Pollution Prevention and Control (England & Wales) Regulations 2000

Fen Farm Pig Unit

E King and R King
(Trading as E.J.W & R.W King)
Fen Farm
Osterfen Lane
Claypole
Newark
Nottinghamshire
NG23 5AS

Permit number
PP3239UW

Installation Fen Farm Pig Unit Permit Number PP3239UW

Introductory note

This introductory note does not form a part of the permit

The main features of the installation are as follows. Fen Farm Pig Unit was established in 1989 and is located within Osterfen Lane, Claypole, Newark, Nottinghamshire, NG23 5AS (SK8684.5098), operated under the partnership of E.J.W & R.W King.

The Operator reports a capacity of 2900 places for pigs to be reared for meat within 10 process sheds. Fen Farm is a pig finishing unit typically with 1950 places occupied on average throughout the year. Time to slaughter is reported at between 12 to 14 weeks. Any fallen stock are collected by a approved licensed third party for disposal on a weekly basis.

The site is surrounded by arable and grass farm land with the installation reported to be on an impervious base.

There are no significant emissions to air, surface waters, sewer, land or ground water from the listed activity / installation. There are no reported effluent emissions to sewer from the process activities. Uncontaminated roof and surface waters are reported to be collected within a closed drainage system and emitted to an unnamed Dyke / ditch which finally outfalls into the River Witham approximately 2km from the installation. The Operator reports all the process buildings are naturally ventilated, however, three of the building have side extraction type fans that are only used during extreme weather conditions. There are no reported issues concerning noise and odour from the site with no reported sensitive receptors within 400m of the installation.

Waste waters from the washing out of the process shed is collected within an underground storage tank (13m²) this is then spread to the Operator own arable / grass land in conjunction with its manure management plan. Solid waste manure bedding is moved out of the process sheds at the end of every batch of pigs, placed in heaps and spread to the Operators own arable land, this too is done in conjunction with the Operators manure management plan.

The Operator stores approximately 5m³ of diesel fuel oil within tanks, which is reported to be contained within a appropriate impermeable bund.

There are no Sites of Special Scientific Interest (SSSI), European designated sites (e.g. Special Protection Areas (SPA's) or other sensitive receptors that this facility will have a significant impact on.

Status Log of the permit

Detail	Date	Response Date
Application PP3239UW	Duly made 31/01/07	
Permit determined	26/09/07	

End of Introductory Note

Permit

Pollution Prevention and Control
(England and Wales) Regulations 2000

Permit

Permit number

PP3239UW

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 Edward King, Fen Farm, Osterfen lane, Claypole, Newark, Nottinghamshire, NG23 5AS.

Mr Richard King, Fen Farm, Osterfen lane, Claypole, Newark, Nottinghamshire, NG23 5AS.

("the Operator")

to operate an installation at

Fen Farm
Osterfen lane
Claypole, Newark
Nottinghamshire
NG23 5AS

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

Signed	Date
	26 September 2007

Rob Mclellan

Regulatory Team Leader (PIR Permitting)

Strategic Permitting Group, Nottingham

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.

4.2 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.

4.4 Interpretation

- 4.4.1 In this permit the expressions listed in schedule 7 shall have the meaning given in that schedule.

Schedule 1 - Operations

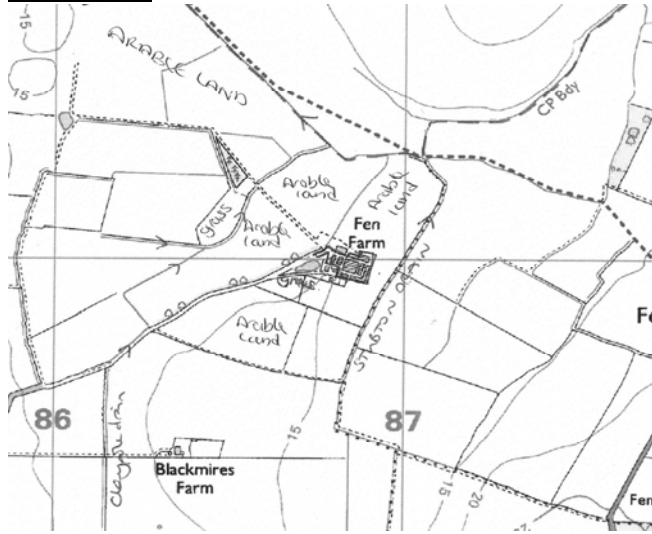
Table S1.1 Activities		
Activity listed in Schedule 1 of the PPC Regulations	Description of specified activity	Limits of specified activity
Section 6.9 A(1)(a) Rearing of poultry or pigs intensively in an installation with more than: (ii) 2,000 places for production pigs (over 30kg)	Rearing of pigs intensively in an installation with a capacity for 2900 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 Activity Note		
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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.	31/01/07

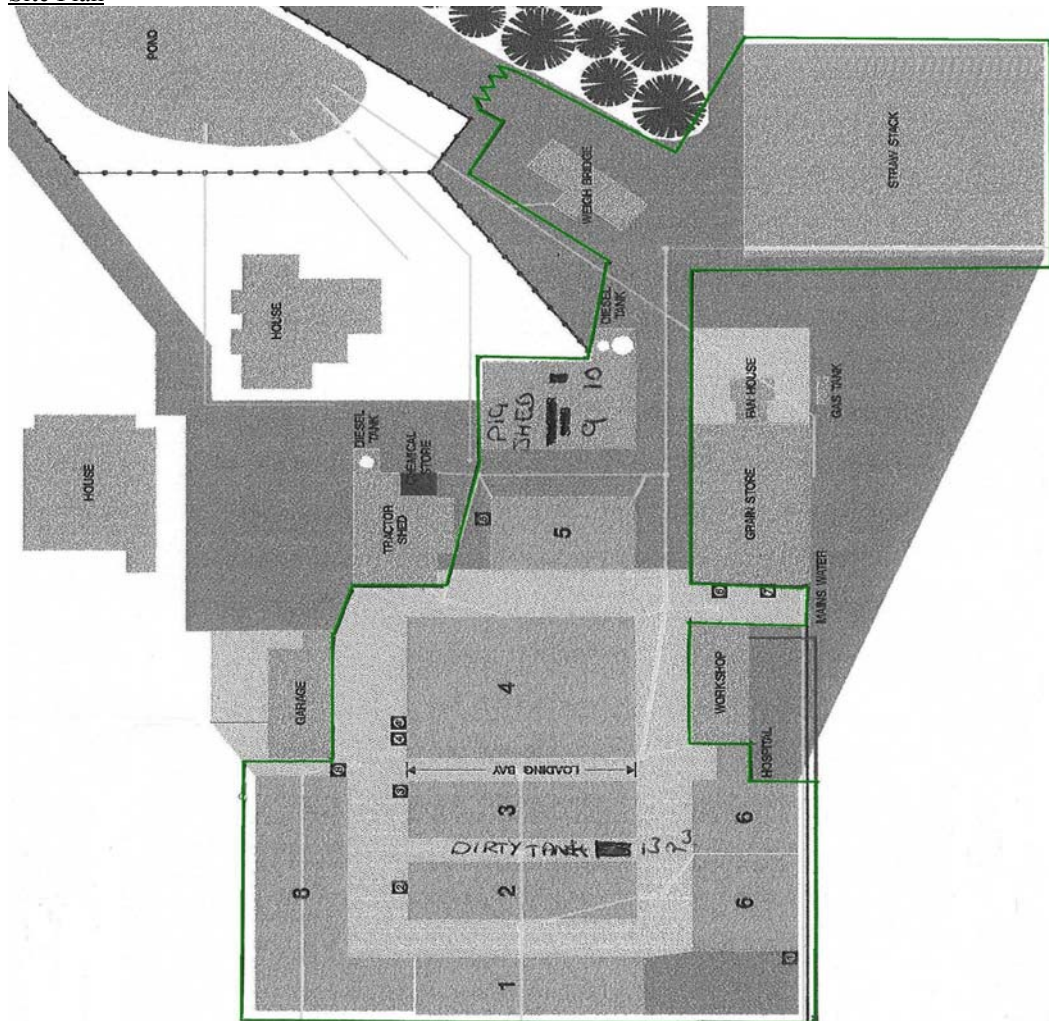
Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC1	<p>A written plan shall be submitted to the Agency for approval, following a review of all site drainage at the installation. The plan should take into account the appropriate measures for the management of drainage systems and run-off in S3.3 of TGN How to Comply, Version 1, 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>	31/10/08
IC2	<p>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.</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>	31/10/08

Schedule 2 - Site plan

Site Location



Site Plan



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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
Side vent outlets on pig sheds 1 to 10 as shown on site plan with the application, appendix 2	-	Pig sheds 1 – 10.	-	-	-	-
Vent from diesel fuel oil storage tank as shown on site plan within the application, appendix 2	-	Diesel fuel oil storage tank.	-	-	-	-

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
Unnamed Dyke / ditch Outlets to River Witham as shown on plan appendix 1, 2 and 3 in the application.	---	Uncontaminated roofed water from pig sheds 1 - 10.	----	----	---	---
Unnamed Dyke / ditch Outlets to River Witham as shown on plan appendix 1, 2 and 3 in the application.	---	Uncontaminated surface water for the yards.	----	----	---	---

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	PP3239UW
Name of Operator	E.J.W and R.W King
Location of Installation	Fen Farm, Osterfen lane, Claypole, Newark, Nottinghamshire, NG23 5AS.
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 E.J.W and R.W King

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 or background concentration 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

Determination of an Application for a PPC Permit under the Pollution Prevention and Control (England and Wales) Regulations 2000 (SI 2000 No.1973)

Decision document recording the decision-making process

Note: all references to the “PPC Regulations” are to the Pollution Prevention and Control (England and Wales) Regulations 2000 (SI 2000 No.1973), as amended.

Administrative details

Duly made application date	30/01/07
Permit number (the “Permit”)	PP3239UW
Applicant (the “Applicant”)	Mr Edward King and Mr Richard King Operating as E.J.W & R.W King
Address/location of installation (the “Installation”)	Fen Farm Pig Unit Fen Farm Osterfen Lane Claypole Newark Nottinghamshire NE23 5AS
Name of Authorising Officer	Rob Mclellan Regulatory Team Leader Nottingham SPG/PIR

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Part C Operations and releases

Part D Other legal considerations

Annex 1 Consultee and public responses

Annex 2 Improvement Conditions

INTRODUCTION

Purpose of this document

The decision document explains why the specific conditions in the permit have been imposed.

The permit contains many conditions taken from our standard PPC permit template (version 3). We developed these conditions in consultation with industry having regard to the legal requirements of the PPC regulations and other relevant legislation. This decision document does not include an explanation for these standard conditions. Where they are imposed we have considered the statements and information contained in the application are sufficient. This decision document does however, provide an explanation for the use of alternate conditions where our permit template allows for two or more options. Emission and monitoring compliance levels and any additional conditions that have been imposed in order to take installation-specific factors into account are explained.

Summary of the decision

We have decided to grant a permit for the Operator, subject to the conditions in the permit. Where the permit includes standard conditions (see above), these have been considered to be appropriate for the installation, in particular in ensuring that all appropriate measures will be taken against pollution and that no significant pollution will be caused. We consider in reaching that decision we have taken into account all relevant considerations and legal requirements and that the permit will ensure that all appropriate measures will be taken against pollution and that no significant pollution will be caused.

PART A – GENERAL ISSUES

A1 Administration

This section includes administrative information relating to the application and information about the applicant and the installation.

The application was duly made on 31/01/07.

The Operator has not made a claim for commercial confidentiality. We have not received any information in relation to this application that appears to be confidential in relation to any party.

The application was advertised and consulted in accordance with the regulations. Details of the advertising and consultation are on the public register. Any responses received are summarised in Annex 1. We have taken these into consideration as described in Annex 1 when determining the application.

The requirements of PPD do not apply to this application.

A2 Description of the installation

A brief description of the installation is in the introductory note to the permit.

A3 Operator competence

We consider that the applicant (now the Operator) is the person who will have control over the operation of the installation after the grant of the permit. We consider that they will be able to operate the installation so as to comply with the conditions we have included in the permit.

PART B : THE INSTALLATION AND ITS MANAGEMENT

B1 The permitted activities

Permit condition 2.1

We have determined that the installation comprises of the following activities listed in Part 1 of Schedule 1 to the PPC Regulations and the following Directly Associated Activities.

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 2900 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 Activity Note		
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The activity comprises a single installation because the rearing of pigs intensively in an installation with more than 2,000 places for production pigs (over 30kg) is a listed activity under Schedule 1 of the PCC Regulations.

The storage of raw materials such as feed, chemicals and fuel, and the storage and disposal of waste are intrinsic to the rearing of pigs and so are included in the limits of the activity.

Waste stored within the installation and disposed of from the installation is solely from the Schedule 1 activity and Directly Associated Activities.

B2 The site

[Permit condition 2.2](#)

The Operator has provided a plan which we consider is satisfactory, showing the site of the installation and its extent. A plan is included in the permit at Schedule 2, and the Operator is required to carry on the permitted activities within the site boundary.

Part C : Operations and releases

C1 Operating techniques

[Permit condition 2.3/table S1.2](#)

We have specified that the applicant must operate his installation in accordance with the descriptions in his application and listed in table S1.2.

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.	31/01/07

[Permit condition 1.4](#)

The Operator has specified they will use raw materials that are on an approved list.

C2 Off-site conditions

[Permit condition 2.4](#)

Based on the information submitted in the application, we consider that it is not necessary to impose any off-site conditions.

C3 Improvement Conditions

[Permit condition 2.5](#)

Based on the information in the application we consider that we need to set improvement conditions. These are listed in Annex 2- justifications for these are provided in Annex 2 and /or at the relevant section of the decision document.

The current drainage and housing on site may not at present be BAT. We recognise that new techniques, systems and infrastructure cannot be brought into effect overnight on existing installations. However, we expect the industry to adopt best practice, new technologies and make continual improvements when deemed necessary. To enable us to agree a structured programme of improvements we have ask the operator to undertake IC1, a review of all

drainage within the installation and IC2, a review of existing pig housing and management practices within the installation.

C4 Pre-operation conditions

[Permit condition 2.6](#)

Based on the information on the application, we consider that we do not need to impose any pre-operational conditions.

C5 Site reference data

[Permit condition 2.8](#)

The applicant has provided an Application Site Report (ASR) which we have assessed and determined that the installation's activities show little likelihood of pollution. Therefore no reference data is to be collected.

C6 Emissions to water, air or land.

[Permit condition 3.1](#)

We have reviewed the answers about the techniques used by the Operator and compared these with the relevant guidance notes in Technical Guidance Note, How to Comply, April 2006 (Sections 3.1 and 3.2). The responses indicate the requirements are not met. Completion of IC1 will ensure any waste process waters generated from the listed activity are dealt within in line with requirements of Section 3.3, Technical Guidance Note, How to Comply, April 2006.

We have reviewed emissions to –

Air

There are no point source emissions to air from the installation. All emissions, including the ventilation outlets on 3 the pig sheds are considered to be fugitive emissions, and are discussed and recorded in Section C7 of this document.

Water

There are emissions to surface water from this installation. A standard Improvement Programme Condition IC1 has been set requiring a review of drainage from the site.

Sewer

There are no emissions to sewer from this installation.

Land

There are no emissions to land from this installation.

C7 Fugitive emissions of substances

[Permit condition 3.3](#)

We have reviewed the answers about the techniques used by the Operator and compared these with the relevant guidance notes in How to Comply V1 Section 3.3. Standard Improvement Conditions requiring the Operator to review all site drainage and housing and to set out a timetable for any necessary improvements have been included in the permit to ensure that the requirements are met.

Fugitive Emissions to Air

Below is a summary of emission points and potential pollutants:

SOURCE	POLLUTANTS
Side vents from pig houses	Ammonia / Odour
Vent from fuel oil storage tank	VOC's

Fuel Storage Emissions

Emissions from the fuel oil storage tank are deemed insignificant. The fuel oil storage tank vent will only release emissions on filling and therefore volume and frequency of emission will be minimal.

Dust

Feed is not milled on site and feed management procedures in place should ensure that particulate emissions will be minimised.

Ammonia – Human Receptors

Potential adverse effects of ammonia include respiratory irritation and may also give rise to odour complaints. Levels of ammonia in ambient air will decrease rapidly with distance from a source. The Health Protection Agency has indicated (Position Statement. Intensive Farming, 2006) that it is unlikely that ammonia emissions from a well run and regulated farm would be sufficient to cause ill health.

Odour complaints, which may be an indicator of high ammonia levels, should be recorded and reported to the Environment Agency. If necessary the Environment Agency will seek advice on the risk to health from the local PCT. The Environment Agency will consider any new information on the impact of ammonia on human health, which may become available in future permit reviews.

Ammonia – ecological receptors

Ammonia emissions from farms may impact on sensitive habitats. The results of modelling and advice from Natural England or Council for the Countryside for Wales, may result in site specific conditions or IC's. Cross reference with part D.

There are no European sites or Sites of Special Scientific Interest within the prescribed distance of the installation. It can therefore be concluded that there is no adverse effect from the installation on European sites or Sites of Special Scientific Interest.

Emissions to Water

There are fugitive emissions to water. Uncontaminated surface and roof waters are collected within an enclosed drainage system and directed to an unnamed Dyke / ditch, which finally outfall approximately 2km from the installation into the River Witham.

The Operator is required by conditions IC1 in the permit to review all site drainage and to set out a timetable for any necessary improvements to ensure that the requirements of the relevant guidance note are met.

Emissions to Land

There are no fugitive emissions to land.

C8 Conditions relating to Odour

[Permit condition 3.4](#)

There are no sensitive receptors located within 400m of the installation and no need for an odour management plan.

C9 Noise and vibration

[Permit condition 3.5](#)

There are no sensitive receptors located within 400m of the installation and no need for an noise management plan.

C10 Monitoring

[Permit condition 3.6](#)

We have decided that no monitoring of emissions is required.

C11 Reporting

We have decided reporting of monitoring data is not required.

C12 Miscellaneous

There are no other issues.

Part D : Other legal requirements

Groundwater Regulations 1998

The installation does not make a direct discharge of List 1 substances to groundwater. The Agency considers that technical measures included within the permit will give adequate protection of groundwater.

The operation of the installation will not cause the direct or indirect discharge of List II substances.

Waste Management Licensing Regulations (WMLR 1994) - (pursuit of the relevant objectives where there is the disposal or recovery of waste)

The installation includes no activities for the disposal or recovery of waste.

Conservation

The Conservation (Natural Habitats etc) Regulations 1994

The proposed installation will not have “a significant effect on a European site” because there is no such site within 10km of a European site.

Countryside and Rights of Way Act 2000 (CROW 2000)

Section 85 Duty concerning Areas of Outstanding Natural Beauty (AONB)

There is no AONB which could be affected by the Installation.

Section 28G Wildlife and Countryside Act 1981 (WCA 1981) Duty concerning SSSIs

The proposed installation will not be likely to damage a SSSI because there is no such site within 5km of the installation.

Section 28 I WCA 1981 Duty to consult Natural England/CCW

Consultation with Natural England is not required, as there are no Habitat sites (European, SAC's, SPA's etc) located within 10km or CROW (SSSI) sites located within 5km of the installation.

Environment Act 1995 – Section 7 (Pursuit of Conservation Objectives)

Consideration has been given to whether any additional requirements should be imposed in terms of the Agency's duty to have regard to the various conservation objectives set out in S 7 EA 1995, but it is felt that existing requirements are sufficient in this regard and no other appropriate requirements have been identified.

ANNEX 1 : CONSULTEE AND PUBLIC RESPONSES

Advertising and statutory consultation

Summary of responses to advertising and statutory consultation and the way in which we have taken these into account in the determination process:

Brief summary of issues raised	Response received from	Summary of actions taken or show how this has been covered
No concerns raised as no public / human receptors within the 400 metres of the installation. Therefore, the risk to public health is consider to be low.	Lincolnshire Primary Care Trust (PCT). East Midlands Health Protection Agency (HPA).	The application of Best Available Techniques and mitigation measures addressing the occupational health of workers should minimise any potential health impacts of releases from the farm on local communities. (Measures for the protection of occupational health are a matter for the operator and appropriate health and safety regulator and are not covered by this permit). Complaints from local residents will be required to be reported to the Environment Agency. Following these complaints the Environment Agency will, if necessary, seek advice on the risk to health from the local Primary Care Trust / Local Health Board. The Environment Agency will take into account any new information on emissions or the health effect of pollutants in future permit reviews
No concerns / issues raised.	South Kesteven District Council.	No further action required.
No comments. Reminder sent 31 st May 2007.	Food Standards Agency (FSA).	No further action required.

ANNEX 2 Improvement conditions

Ref no	Condition	Date	Reason
IC1	<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, 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>	31/10/08	<p>The current drainage on site may not be BAT. We recognise that new techniques cannot be brought into effect overnight on existing installations however we expect industry to adopt best practices and new technologies and make continual improvements as deemed necessary. To enable us to agree a structured programme of improvements we have asked the operator to undertake a review of all site drainage at the installation.</p> <p>Emissions to land from the installation may not be uncontaminated as reported within the Operators application, therefore a full drainage review is required.</p> <p>This is a standard IC for all existing farms.</p>
IC2	<p>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.</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>	31/10/08	<p>The current housing on site may not be BAT. We recognise that new techniques cannot be brought into effect overnight on existing installations however we expect industry to adopt best practices and new technologies and make continual improvements as deemed necessary. To enable us to agree a structured programme of improvements we have asked the Operator to undertake a review of existing pig housing and management practices at the installation.</p> <p>This is a standard IC for all existing farms.</p>

Variation notice with introductory note

Environmental Permitting (England & Wales) Regulations 2007

Fen Farm Pig Unit

Mrs B.M & R.W King
(trading as King Farmers)
Oster Fen Lane
Claypole
Newark
Nottinghamshire
NG23 5AS

Variation notice number
EPR/PP3239UW/V002

Permit number
EPR/PP3239UW

Fen Farm Pig Unit

Permit Number EPR/JP3939TP

Introductory note

This introductory note does not form a part of the permit

The following notice, which is issued pursuant to regulation 20 and Part 1 of Schedule 5 of the Environmental Permitting (England and Wales) Regulations S.I.2007 No. 3538 (the Regulations), gives notice of the variation of an environmental permit to operate a regulated facility.

This is an administrative variation to change the name on the permit to Mrs B.M & R.W King trading as King Farmers.

Schedule 1 of this notice lists any deleted conditions, Schedule 2 lists any amended conditions, Schedule 3 lists any conditions that have been added.

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

Status Log of the permit

Detail	Date	Response Date
Application PP3239UW - Issued	26/09/2007	
Administrative variation EPR/PP3239UW/V002 – Received	15/03/2010	
Administrative variation EPR/PP3239UW/V002 – Issued	30/03/2010	

End of Introductory Note

Notice of variation

Environmental Permitting
(England and Wales) Regulations 2007

Permit number
EPR/PP3239UW

The Environment Agency in exercise of its powers under Regulation 20 of the Environmental Permitting (England and Wales) Regulations 2007 (SI 2000 No 3538) varies the permit as set out below.

Mrs B.M & R.W King (trading as King Farmers) ("the operator"),

Hold a permit to operate a regulated facility at

**Fen Farm
Oster Fen Lane
Claypole
Newark
Nottinghamshire
NG23 5AS**

and that permit is varied to the extent set out in Schedules 1 to 3 of this notice.

The notice shall take effect from 30 March 2010

Name	Date
	30/03/2010

David More

Authorised on behalf of the Agency

SCHEDULE 1 – CONDITIONS TO BE DELETED

None

SCHEDULE 2 – CONDITIONS TO BE AMENDED

None

SCHEDULE 3 – CONDITIONS TO BE ADDED

None

Environment Agency Permitting decisions

We have decided to vary the permit for **Mrs B.M & R.W King operating at Fen Farm, Oster Fen Lane, Claypole, Newark, NG23 5AS**

The permit number is **EPR/PP3239UW**

The operator is **Mrs B.M & R.W King trading as King Farmers**

The facility is located at **Fen Farm, Oster Fen Lane, Claypole, Newark, NG23 5AS**

The decision was effective from **30 March 2010**

Purpose of this document

The decision document:

- Explains how the applicant's application has been determined;
- Provides a record of the decision-making process;

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

Structure of this document

- Summary of the decision;
- Annex 1 the decision checklist

Summary of the decision

We have decided to vary the permit for the operator, subject to the conditions in the permit

This is an administrative variation to change the name on the permit to Mrs B.M & R.W King trading as King Farmers.

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 environment protection is provided.

Activity	Justification/ Detail	Determination criteria met	
		No	Yes
Receipt of submission			
Application fee	There is no application fee for an administrative variation.		√
Commercial confidentiality	The operator has not made a claim for commercial confidentiality. We have not received any information in relation to this application that appears to be confidential in relation to any party.		
The permit conditions			
Use of conditions other than those from the template	N/A		√
Waste types	N/A		√