

**INTEGRATED POLLUTION PREVENTION
AND CONTROL (I.P.P.C.) LICENCE
REVIEW APPLICATION**

RELATING TO

PIG ENTERPRISE

AT

**CROSSES,
MONAGHAN,
CO. MONAGHAN.**

FOR

**MR. JIM & MARK WRIGHT,
T/A JMW FARMS,
52 CORTYNAN ROAD,
TYNAN,
CO. ARMAGH.
BT60 4QZ**

I.P.P.C. LICENCE REG. NO. P0696-01

C.L.W. ENVIRONMENTAL PLANNERS LTD.

7TH APRIL 2010



Integrated Pollution Prevention and Control Licensing

Application Form Pig & Poultry Sector

EPA Reg. N^o: <i>(Office use only)</i>	<input type="text"/>
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This document does not purport to be and should not be considered a legal interpretation of the provisions and requirements of the EPA Acts 1992 and 2003.

Environmental Protection Agency
P.O. Box 3000, Johnstown Castle Estate, Co. Wexford
Telephone : 053-60600 Fax : 053-60699



Environmental Protection Agency

Application for an Integrated Pollution Prevention and Control Licence

Environmental Protection Agency Acts, 1992 and 2003.

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INTRODUCTION

A valid application must contain the information prescribed in the Environmental Protection Agency (Licensing) Regulations, 1994 to 2004. **The applicant is strongly advised to read the *Application Guidance Notes for Pig & Poultry Integrated Pollution Prevention and Control Licensing*, available from the EPA.**

The applicant must conform to the format set out in the guidance notes for applications (available from the EPA). Each page of the completed application form must be numbered, e.g. *page 5 of 45*, etc. Also duplicated pages from the application form should be uniquely numbered, e.g. page 5(i) of 45, etc. **The basic information should for the most part be supplied in the spaces given in application form and any supporting documentation should be supplied as attachments, as specified. Consistent measurement units must be used throughout.**

The applicant should note that the application form has been structured so that it requires information to be presented in an order of progressive detail.

When it is found necessary, additional information may be provided on supplementary attachments which should be clearly cross referenced with the relevant sections in the main document.

While all sections in the application form may not be relevant to the activity concerned, the applicant should look carefully through all aspects of the form and provide the required information, in the greatest possible detail.

All maps/drawings/plans must be no larger than A3 size and scaled appropriately such that they are clearly legible. In exceptional circumstances, where A3 is considered inadequate, a larger size may be requested by the Agency.

Information supplied in this application, including supporting documentation will be put on public display and open to inspection by any person. Should the applicant consider information to be confidential, this information should be submitted in a separate enclosure bearing the legend " In the event that this information is deemed not to be held as confidential, it must be returned to". In the event that information is considered to be of a confidential nature, then the nature of this information, and the reasons why it is considered confidential (with reference to the " Access to Information on the Environment" Regulations) should be stated in the Application Form, where relevant.

CHECK LIST FOR ARTICLE 10 COMPLIANCE

Article 10 of the Environmental Protection Agency (Licensing) Regulations, 1994 to 2004 sets out the statutory requirements for information to accompany a licence application. The application form is designed in such a way as to set out these questions in a structured manner and not necessarily in the order presented in Article 10. In order to ensure a legally valid application in respect of Article 10 requirements please complete the following check-list.

Article 10(2)(a) give the name, address and telephone number of the applicant and, if different, any address to which correspondence relating to the application should be sent and, if the applicant is a body corporate, the address of its registered or principal office,

LOCATION	Section B.1	
CHECKED	Applicant X	Official <input type="checkbox"/>

(b) give -

- (i) in the case of an established activity, the number of employees and other persons working or engaged in connection with the activity on the date after which a licence is required and during normal levels of operation, or
- (ii) in any other case, the gross capital cost of the activity to which the application relates,

LOCATION	Section B.4	
CHECKED	Applicant X	Official <input type="checkbox"/>

(c) give the name of the planning authority in whose functional area the activity is or will be carried on,

LOCATION	Section B.5	
CHECKED	Applicant X	Official <input type="checkbox"/>

(d) give the location or postal address (including where appropriate, the name of the relevant townland or townlands) and the National Grid reference of the premises to which the activity relates,

LOCATION	Section B.2	
CHECKED	Applicant X	Official <input type="checkbox"/>

- (e) specify the relevant class or classes in the First Schedule to the Act to which the activity relates,

LOCATION	Section B.3	
CHECKED	Applicant X	Official <input type="checkbox"/>

- (f) specify the raw and ancillary materials, substances, preparations, fuels and energy which will be produced by or utilised in the activity,

LOCATION	Section H	
CHECKED	Applicant X	Official <input type="checkbox"/>

- (g) describe the plant, methods, processes, ancillary processes, abatement, recovery and treatment systems, and operating procedures for the activity,

LOCATION	Section D	
CHECKED	Applicant X	Official <input type="checkbox"/>

- (h) indicate how the requirements of section 83(5)(a)(i) to (v) and (vii) to (x) of the Act shall be met, having regard, where appropriate, to any relevant specification issued by the Agency under section 5(3) of the Act and the reasons for the selection of the arrangements proposed,

LOCATION	Section L	
CHECKED	Applicant X	Official <input type="checkbox"/>

- (i) give particulars of the source, nature, composition, temperature, volume, level, rate, method of treatment and location of emissions, and the period or periods during which the emissions are made or are to be made,

LOCATION	Section E	
CHECKED	Applicant X	Official <input type="checkbox"/>

- (j) describe the arrangements for the prevention or minimisation of waste and, where waste is produced, the on and off site arrangements for the recovery or disposal of solid and liquid wastes,

LOCATION	Section H	
CHECKED	Applicant X	Official <input type="checkbox"/>

- (k) specify, by reference to the relevant European Waste Catalogue codes as prescribed by Commission Decision 2000/532/EC of 03 May 2000, the quantity and nature of the waste or wastes produced or to be produced by the activity,

LOCATION	Section H	
CHECKED	Applicant X	Official <input type="checkbox"/>

- (l) provide:
- (i) details, and an assessment, of the impacts of any existing or proposed emissions on the environment, including on an environmental medium other than that or those into which the emissions are or are to be made, and
- (ii) details of the proposed measures to prevent or eliminate, or where that is not practicable, to limit, reduce or abate emissions,

LOCATION	Section I & F	
CHECKED	Applicant X	Official <input type="checkbox"/>

- (m) identify monitoring and sampling points and outline proposals for monitoring emissions and the environmental consequences of any such emissions,

LOCATION	Section F	
CHECKED	Applicant X	Official <input type="checkbox"/>

- (n) describe the condition of the site of the installation,

LOCATION	Section I.3	
CHECKED	Applicant X	Official <input type="checkbox"/>

- (o) describe in outline the main alternatives, if any, to the proposals contained in the application which were studied by the applicant,

LOCATION	Section I.8	
CHECKED	Applicant X	Official <input type="checkbox"/>

- (p) specify the measures to be taken to comply with an environmental quality standard where such a standard requires stricter conditions to be attached to a licence than would otherwise be determined by reference to best available techniques,

LOCATION		
CHECKED	Applicant X	Official <input type="checkbox"/>

- (q) describe the measures to be taken for minimising pollution over long distances or in the territory of other states,

LOCATION	Section I	
CHECKED	Applicant X	Official <input type="checkbox"/>

- (r) describe the measures to be taken under abnormal operating conditions, including start-up, shutdown, leaks, malfunctions, breakdowns and momentary stoppages,

LOCATION	Section J	
CHECKED	Applicant X	Official <input type="checkbox"/>

- (s) describe the measures to be taken on and following the permanent cessation of the activity or part of the activity to avoid any risk of environmental pollution and to return the site of the activity to a satisfactory state,

LOCATION	Section K	
CHECKED	Applicant X	Official <input type="checkbox"/>

- (t) include any other information required under Article 6(1) of Council Directive 96/61/EC of 24 September 1996 concerning integrated pollution prevention and control,

LOCATION	Section G & I	
CHECKED	Applicant X	Official <input type="checkbox"/>

- (u) include a non-technical summary of information provided in relation to the matters specified in paragraphs (f) to (v) above,

LOCATION	Section A	
CHECKED	Applicant X	Official <input type="checkbox"/>

Article 10(3) Without prejudice to Article 12(1), an application for a licence shall be accompanied by -

- (a) a copy of the relevant page of the newspaper in which the notice in accordance with article 6 has been published,

LOCATION	Attachment B.7	
CHECKED	Applicant X	Official <input type="checkbox"/>

- (b) a copy of the text of the site notice erected or fixed on the land or structure in accordance with article 7,

LOCATION	Attachment B.7	
CHECKED	Applicant X	Official <input type="checkbox"/>

- (c) a copy of the notice given to the planning authority under section 85(1)(a) of the Act,

LOCATION	Attachment B.7	
CHECKED	Applicant X	Official <input type="checkbox"/>

- (d) a copy of such plans, including a site plan and location map, and such other particulars, reports and supporting documentation as are necessary to identify and describe -

(i) the activity

LOCATION	Attachment B.2 & D	
CHECKED	Applicant X	Official <input type="checkbox"/>

(ii) the position of the site notice in accordance with article 7,

LOCATION	Attachment B.7	
CHECKED	Applicant X	Official <input type="checkbox"/>

(iii) the point or points from which emissions are made or are to be made, and

LOCATION	Attachment E	
CHECKED	Applicant X	Official <input type="checkbox"/>

(iv) monitoring and sampling points, and

LOCATION	Attachment F.2	
CHECKED	Applicant X	Official <input type="checkbox"/>

- (e) a fee specified in accordance with section 94 of the Act.

LOCATION		
CHECKED	Applicant X	Official <input type="checkbox"/>



Article 10(4)(b) A signed original and 2 hardcopies of the application and accompanying documents/particulars in hardcopy format plus 2 copies of all files in electronic searchable PDF format on CD-Rom shall be submitted to the headquarters of the Agency.

In cases where an E.I.S. is required to be submitted to the Agency in support of the application, a signed original and 2 hardcopies of the EIS plus 16 copies of all files in electronic searchable PDF format on CD-Rom shall be submitted to the headquarters of the Agency.

LOCATION		
CHECKED	Applicant X	Official <input type="checkbox"/>

CD version PROVIDED Y/N		
CHECKED	Applicant Y	Official <input type="checkbox"/>

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SECTION A NON-TECHNICAL SUMMARY

Non-Technical Summary of IPC Licence Application

A non-technical summary of the application is to be included here. The summary should identify all environmental impacts of significance associated with the carrying on of the activity/activities, and describe mitigation measures proposed or existing to address these impacts. This description should also indicate the normal operating hours and days per week of the activity.

The following information must be included in the non-technical summary:

A description of:

- the installation and its activities,
- the raw and auxiliary materials, other substances and the energy used in or generated by the installation,
- the sources of emissions from the installation,
- the conditions of the site of the installation,
- the nature and quantities of foreseeable emissions from the installation into each medium as well as identification of significant effects of the emissions on the environment,
- the proposed technology and other techniques for preventing or, where this not possible, reducing emissions from the installation,
- where necessary, measures for the prevention and recovery of waste generated by the installation,
- further measures planned to comply with the general principles of the basic obligations of the operator i.e.
 - (a) all the appropriate preventive measures are taken against pollution, in particular through application of the best available techniques;
 - (b) no significant pollution is caused;
 - (c) waste production is avoided in accordance with Council Directive 75/442/EEC of 15 July 1975 on waste; where waste is produced, it is recovered or, where that is technically and economically impossible, it is disposed of while avoiding or reducing any impact on the environment;
 - (d) energy is used efficiently;
 - (e) the necessary measures are taken to prevent accidents and limit their consequences;
 - (f) the necessary measures are taken upon definitive cessation of activities to avoid any pollution risk and return the site of operation to a satisfactory state.
- measures planned to monitor emissions into the environment.

Supporting information should form **Attachment N^o A.1**

Please refer to Attachment No. A1.



SECTION B GENERAL

B.1. Owner/Operator

* *Applicants Name:* Jim and Mark Wright (t/a JMW Farms)

Address: 52 Cortynan Road

Tynan,

Co. Armagh.

BT60 4OZ

Telephone N°: 048 - 37569799 *Fax N°:* _____

e-mail : _____

* This should be the name of the applicant on the date the Application is lodged with the Agency. This should be the name of the legal entity (which can be a limited company or a sole trader). A trading/business name is not acceptable.

Address for correspondence : Mr. Paraic Fay B.Agr.Sc.
(if different from above)

C/o. C.L.W. Environmental Planners Ltd.,

The Mews,

23 Farnham St.,

Cavan.

Address of Body Corporate :
(if applicable)

e-mail : _____

The applicant must also supply the following:

- (a) Certified Copy of Certificate of Incorporation
- (b) Company's Number in Company's Registration Office and
- (c) Particulars of Registered Office of the Company

B.2. Location of Activity

Name: Jim and Mark Wright (t/a JMW Farms)

Full Address: Croses,

Monaghan,

Co. Monaghan.

Telephone N^o: 048 - 37569799

Fax N^o: _____

On-Site**All Correspondence**

Contact Name: Mr. Jim Wright

Mr. Paraic Fay
C/o CLW Environmental Planners Ltd.

Position: Owner/Manager

Agri/Environmental Consultant

e-mail : _____

paraicfay@eircom.net

National Grid Reference (12 digit-6E,6N) 270342, 331030

Location maps (no larger than A3) with grid references should be enclosed in Attachment N^o B.2.

For further information please refer to Attachment No. B2.

B.3. Class of Activity

Identify the relevant activities in the First Schedule to the EPA Acts 1992 and 2003 to which the activity relates :

Schedule	Class	Description ^{Note 1}
<i>New First Schedule to EPA Act 1992 as amended by POE Act 2003.</i>	6.2	<i>“The rearing of pigs in an installation, whether within the same complex or within 100 metres of the same complex, where the capacity exceeds 750 places for sows in a breeding unit”, where a breeding unit means “ a piggery in which pigs are bred and reared up to 30kg in weight”.</i>

Note 1: In order to give a precise identification select only those words from the description of the class or classes that best describes the nature of the activity for which the licence is being applied for.

B.4. Employees/ Capital Cost

Give-

(i) In the case of an established activity, the number of employees and other persons, working or engaged in connection with the activity on the date after which a licence is required and during normal levels of operation, or

(ii) In any other case, the gross capital cost of the activity to which the application relates.

Number of Employees (Existing & Proposed facilities): 5

Gross Capital Cost (new proposals) € _____

B.5. Relevant Planning Authority

Give the name of the planning authority in whose functional area the activity is or will be carried out.

Name: Monaghan County Council

Address: County Offices,

The Glen,

Monaghan

Telephone N^o: 047-30500

Planning Permission for this installation :-

Obtained Is being processed Not applied for

Local Authority Planning File Reference N^o 07/993

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Attachment N^o B.5 should contain a schedule of all planning permissions. For existing activities, all licences and permits past and present in force at the time of application should be submitted.

For further information please refer to Attachment No. B5.

B.6. Relevant Health Board Region

The applicant should indicate the Health Board Region where the installation is or will be located.

Name: **H.S.E. Dublin – North East**

Address: **Dublin Road, Kells, Co. Meath**

Telephone N^o: **046 9280500**

B.7. Site Notice, Newspaper Advertisement and Planning Authority Notice.

Give the position of the site notice in accordance with article 7 of the Regulations.

Attachment N^o B.7 should contain:

- a copy of the text of the site notice, a map (no larger than A3) showing its location on site and
- a copy of the newspaper advertisement
- A copy of the notice given to the Planning Authority should also be included.

For further information please refer to Attachment No. B7.

B.8 IPPC Directive

Specify whether the facility is a category of industrial activity referred to in Annex I of the IPPC Directive (96/61/EC) and if yes specify the category.

Supporting information should be included in **Attachment N^o B.8.**

Category 6.6 Annex 1 of IPPC directive;

6.6. Installations for the intensive rearing of pigs with more than:

(c) 750 places for sows.

SECTION C MANAGEMENT OF THE INSTALLATION

C.1 Site Management & Control

Details should be provided on the management structures for the activity and any quality control systems.

This information should form Attachment N^o C.

This facility is owned and will be operated by Jim and Mark Wright (t/a JMW Farms). Mr. Jim Wright will be the manager/ responsible person on-site.

The management of the existing and proposed enterprise involves/will involve a disciplined approach to work routines. This is necessary for both commercial and animal welfare reasons. The main activities at this facility do and will occur during normal working hours on this site which are primarily from 08.00hrs to 18.00hrs., Monday to Friday and 08.00 to 13.00., Saturday and Sunday, however automatic feeding and ventilation systems will operate outside of these hours. This unit is/will be operated in such a way that only essential activities are carried out outside of these hours.

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SECTION D INFRASTRUCTURE & OPERATION

D.1. Operational Information Requirements

Describe the plant, methods, processes, abatement, recovery and treatment systems, and operating procedures for the activity, and include a copy of such plans, drawings or maps, (site plans and location maps, process flow diagrams – no larger than A3), and such other particulars, reports and supporting documentation as are necessary to describe all aspects of the activity. Provide a description of the housing and ventilation system employed on-site.

Size of Development

The layout of these yards is shown on the layout plan contained in *Attachment D1*.

The re-constructed farm development will operate along similar principles to the activity previously carried out on site, i.e. the breeding and rearing of pigs. The operational information for the proposed farm development is as per details outlined in the accompanying E.I.S. The layout of this farm is shown on the layout plan contained in Attachment D1.

The existing and proposed activity on the site is the breeding and rearing of pigs in a licensable installation/facility. The facility is located in a rural area. The re-constructed installation comprises animal houses, ancillary structures and equipment necessary for the accommodation, management and husbandry of the animals, and the administration of the enterprise. The structures and equipment on the site were designed and installed for the purpose of rearing pigs for sale off the site.

The farm, as it previously operated under I.P.C. Licence No. P0696-01, had the capacity to accommodate c. 650 - 700 sows in a semi-integrated pig production enterprise. The re-constructed unit will operate as a c. 1,200 sow breeding unit, on average. Maximum stock numbers as detailed below may vary c. 5% above this level, at any one time.

Stock type	Proposed
Dry Sow	867
Suckling Sow	333
Gilts	550
Boars	2
Weaners	6,800
Finishers	0
Manure Production/Annum	10,857.6

D.2. Development and Operational History of the Site

A development and operational history of the site should be included here.

Attachment N^o D should contain a list of all unit operations (process) to be carried out, including a flow diagram of each with any relevant additional information.

The development and operational history for the previous activity is as per details previously submitted, under the application for I.P.C. Licence P0696-01, and summarised below

This facility was (and will be) a pig production unit, which has existed at this site for a number of years. The activities on site involve the normal management, and monitoring of stock for the production of meat. Feeding and ventilation systems are fully automated. The applicant will record, and document all practices and duties necessary for the proper management and monitoring of this facility.

This farm was granted an I.P.C. Licence in November 2004, to operate as an 650 sow semi-integrated pig unit.

The development completed on the site of the original pig unit, will operate as a 1,200 sow breeding unit and, as per details outlined in the accompanying E.I.S.

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SECTION E EMISSIONS

E.1. Emissions to Atmosphere**Fugitive emissions.**

Give summary details of fugitive and potential emissions (including Dust and Odour). Predict odour emissions from the activity and assess their impact off-site.

Full details and any supporting information should form Attachment N^o E.1.

Process emissions to the atmosphere from a conventional pig farm include the expelling of warm air from the ventilation system in the buildings and odour and gas volatilisation from the organic manure. Increased emissions may at times be associated with the loading of pigs and/or the loading of pig manure. There are no open tanks existing and/or proposed on the farm that can be mixed/agitated.

Control Measures to Minimise and Abate Odour on site;

Emissions from this site are to be minimised using the following recommendations;

- *Manure management kept to a high standard.*
- *Stocking density maintained at design level.*
- *Quality ventilation due to computerised/automated control.*
- *Quality house design with state of the art insulation standards.*
- *Minimisation of carcasses by keeping the herd health to the highest possible standard. As a result of this, mortality rates will be kept to a minimum. Any dead pigs will be stored in covered leak proof containers awaiting collection by College Proteins Ltd.*
- *Water and feed systems will be maintained in optimum condition and operation so as to minimise water and feed wastage.*

Proposed Measures to further Minimise and Abate Odour on site

As a result of the comprehensive management and other practices previously carried out on site in all the years of operation of this facility, there has not been a single complaint regarding odour emanating from this site. The re-constructed farm development will ensure that these management practices are optimised and no additional measures are deemed to be required, at this time. It will be ensured by the applicant that only the highest, management practices are employed on site and improved upon where possible so as to minimise any potential odour emissions, from the farm.

E.2 Emissions to Surface Waters

Tables E.2(i) must be completed.

A summary list of the emission points, together with maps, drawings (no larger than A3) and supporting documentation should be included as **Attachment N^o E.2.**

All surface water runoff and storm water drains discharging to surface water bodies must be included. A National Grid References (10 digit, 5E, 5N) must be given for all discharge points. The identity and type of receiving water (river, ditch, estuary, lake, etc.) must be stated.

Clean storm water from the farm will discharge via land drainage to the local watercourse at points SW – 1 and SW – 2 as per the storm water drainage plan included in Attachment No. E2. All soiled surface water is diverted to the manure storage tanks.

E.3. Emissions to Ground

E.3.A. Storm water emissions to ground.

Table E.3(i) must be completed.

All surface water runoff and storm water drains discharging to ground must be included. A National Grid Reference (10 digit, 5E, 5N) must be given for all discharge points. The groundwater aquifer classification and vulnerability assessment must be included in Table E.3(i).

There is/will be no stormwater emissions to ground from the existing/proposed developments.

E.3.B Landspreading

The applicant should supply details of the nature and quality of all substances (agricultural and non-agricultural waste) to be landspread (slurry, effluent, ash, sludges etc) as well as the proposed application rates, periods of application and mode of application (e.g., pipe discharge, tanker).

Full details and any supporting information should form **Attachment N^o E.3.**

Pig manure generated at this existing facility is distributed to farmers who require it, to be utilised in accordance with the regulations set out in S.I. 101 of 2009, and all relevant information will be maintained on site for inspection at all reasonable times. This practice will be continued for the re-constructed development. Pig manure is not considered to be an agricultural/non-agricultural waste. For further information please refer to Attachment No. E3 (Information required as per E.P.A. / I.F.A. agreement relating to customer farmers).

E.3.C Septic tanks/percolation area etc.

Summary details of all direct emissions onto or into the ground must be presented including percolation areas, septic tanks etc.

Full details as well as a summary list of the emission points or areas together with maps, drawings and supporting documentation should be included as **Attachment N^o E.3**. Details of effluent treatment/abatement systems should also be included, together with schematics as appropriate.

There is/will be no emissions to ground from this farm.

E.4 Noise Emissions

Give particulars of the source, location, nature, level, and the period or periods during which the noise emissions are made or are to be made.

Supporting information should form **Attachment N^o E.4**

For emissions outside the EPA Noise Guidance Note limit, a full evaluation of the existing abatement/treatment system must be provided. A planned programme of improvement towards meeting upgraded standards is required. This should highlight specific goals and a time scale, together with options for modification, upgrading or replacement as required to bring the emissions within the limits as set out in the guidance note.

There have been no complaints of noise emissions for this existing farm to date. The existing and/or proposed activities do/will not generate noise levels that could be detected at the site boundary, similar to most pig farms in the country.

This facility will not result in audible noise outside of acceptable limits at or beyond the site boundary.

SECTION F CONTROL & MONITORING

Describe the proposed technology and other techniques for preventing or, where this is not possible, reducing emissions from the installation/facility.

Appendix 1 should contain any supporting information.

F.1: EMISSIONS MONITORING AND SAMPLING POINTS

Identify monitoring and sampling points and outline proposals for monitoring **emissions**. Table F.1(i) should be completed (where relevant) for air emissions, for emissions to surface waters, for emissions to sewers, for emissions to ground, and for waste emissions.

Include details of monitoring/sampling locations and methods.

Attachment N^o F.1 should contain any supporting information.

The main emissions from this activity may include storm water, noise and odour.

As previously stated it is not anticipated that storm water, noise and odour emissions from this existing/proposed farm will cause any significant concern. Noise and odour emissions from this farm will be minimised by implementing the comprehensive management practices currently employed on site. Most important of these are;

- ***Ensuring houses and associated feeding and ventilation systems are well maintained.***
- ***Ensuring houses are stocked at the correct rate.***
- ***Ensuring that the licensable site is kept well maintained and clean.***
- ***Ensuring that all houses are properly cleaned between each group.***

All soiled water will be collected separately from storm water and dealt with as previously outlined. All storm water discharge points will be visually inspected on a weekly basis and monitored as required, but not more than quarterly.

SECTION G RESOURCE USE AND ENERGY EFFICIENCY

G.1 Give a list of the raw and ancillary materials, substances, preparations, medicines, disinfectants, fuels and energy which will be produced by or utilised in the activity.

The list(s) given should be very comprehensive, all materials used, fuels, intermediates, laboratory chemicals and product should be included. The listings should include quantities typically stored at the site and annual throughput. Particular attention should be paid to feed materials used at the site. Supporting evidence of the nutritional composition of these feeds should be included.

Provide copies of European MSDS Sheets for all chemicals used on-site.

The re-constructed pig farm enterprise will operate along similar operational principles to the activity licensed under I.P.C. Licence Reg. No. P0696-01. Please refer to E.I.S. for additional information.

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G.2 Energy Efficiency

A description of the energy used in or generated by the activity must be provided. Outline the measures taken to ensure that energy is used efficiently and where appropriate, an energy audit with reference to the EPA Guidance document on Energy Audits should be carried out.

Electricity is and will be used for the operation of all of the automated process on the farm such as feeding, lighting, ventilation etc. In order to ensure the future viability of this facility it is imperative that all costs are minimised. All equipment therefore will be serviced regularly where relevant, and a close eye will be kept on energy usage trends. Buildings are well insulated and ventilated to minimise energy usage.

A back-up generator will be in place on-site in the event of disruption to the electricity supply.

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SECTION H MATERIALS HANDLING

H.1 Raw Materials, Intermediates and Product Handling

Details of the location, storage conditions (fridge, locked cabinet etc.), segregation system, transport of material within the site, solid, liquid or sludge transported by pipe, vehicle or conveyor any analysis required where relevant should be supplied in Attachment N^o.H.1 including references to the most recent testing of bunded structures, tanks and pipelines.

The raw materials, Intermediates and Product handling for the re-constructed farm development are as per the E.I.S. submitted with this application.

The main intermediate product to be handled on the site is the organic fertiliser produced by the pigs. Please refer to the additional information contained hereafter, for details relating to the organic fertiliser storage capacity available on the site and how this compares to the estimated annual production.

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H.2 Waste Handling

Describe the arrangements for the recovery or disposal of solid and liquid wastes generated by the installation/facility.

For each waste material, give full particulars of;

- | | |
|--|--------------------------------------|
| (a) Name | <i>Domestic Refuse</i> |
| (b) Description & nature of waste | <i>Packaging/Disposable Clothing</i> |
| (c) Source | <i>Work areas</i> |
| (d) Where stored and integrity/
impermeability of storage areas | <i>Bin on site</i> |
| (e) Amount (m ³) and tonnage | <i><1 Tonne (Approx)</i> |
| (f) Period or Periods of generation | <i>continuously</i> |
| (g) Analysis (include test methods and Q.C.) | <i>N/A</i> |
| (h) European Waste CatPaulgue Code | <i>20 03 01</i> |
| (i) Waste Category per EC Reg 1774/2002/EC where relevant | |

Where any waste would be classified as Hazardous Waste as defined in the Waste Management Acts, 1996 to 2003, this should be made clear in the information provided.

Describe the arrangements for the prevention and recovery of waste generated by the activity.

Summary Tables H.1(i) should also be completed, as appropriate, for each waste. The licence/permit register number of the waste collection agent or disposal/recovery operator should be supplied as well as the expiry date of the relevant permits

Supporting information should form **Attachment N^o H.**

This waste will be stored in a covered area on site and removed regularly.

H.3 Waste Handling

Describe the arrangements for the recovery or disposal of solid and liquid wastes generated by the installation/facility.

For each waste material, give full particulars of;

- | | |
|--|--------------------------------|
| (a) Name | <i>Sharpes</i> |
| (b) Description & nature of waste | <i>Used Veterinary needles</i> |
| (c) Source | <i>Vet</i> |
| (c) Where stored and integrity/
impermeability of storage areas | <i>Designated storage bins</i> |
| (e) Amount (m ³) and tonnage | <i>c. 75-150kg</i> |
| (f) Period or Periods of generation | <i>continuously</i> |
| (g) Analysis (include test methods and Q.C) | <i>N/A</i> |
| (h) European Waste CatPaulgue Code | <i>18 02 02</i> |
| (i) Waste Category per EC Reg 1774/2002/EC where relevant | |

Where any waste would be classified as Hazardous Waste as defined in the Waste Management Acts, 1996 to 2003, this should be made clear in the information provided.

Describe the arrangements for the prevention and recovery of waste generated by the activity.

Summary Tables H.1(i) should also be completed, as appropriate, for each waste. The licence/permit register number of the waste collection agent or disposal/recovery operator should be supplied as well as the expiry date of the relevant permits

Supporting information should form **Attachment N^o H.**

This waste will be stored in designated storage bins and removed regularly.

H.4 Waste Handling

Describe the arrangements for the recovery or disposal of solid and liquid wastes generated by the installation/facility.

For each waste material, give full particulars of;

- | | |
|---|---------------------------------|
| (a) Name | <i>Animal tissue waste</i> |
| (b) Description & nature of waste | <i>Dead pigs</i> |
| (c) Source | <i>Pig Houses</i> |
| (d) Where stored and integrity/
impermeability of storage areas: | <i>Covered Skip/bin on site</i> |
| (e) Amount (m ³) and tonnage | <i>c. 30 - 50 T(approx)</i> |
| (f) Period or Periods of generation | <i>continuously</i> |
| (g) Analysis (include test methods and Q.C.) | <i>N/A</i> |
| (h) European Waste CatPaulgue Code | <i>02 01 02</i> |
| (i) Waste Category per EC Reg 1774/2002/EC where relevant | |

Where any waste would be classified as Hazardous Waste as defined in the Waste Management Acts, 1996 to 2003, this should be made clear in the information provided.

Describe the arrangements for the prevention and recovery of waste generated by the activity.

Summary Tables H.1(i) should also be completed, as appropriate, for each waste. The licence/permit register number of the waste collection agent or disposal/recovery operator should be supplied as well as the expiry date of the relevant permits

Supporting information should form **Attachment N^o H**.

Carcasses will be regularly collected from this facility and delivered to a licensed rendering plant, currently College Proteins Ltd.

H.5 Waste Handling

Describe the arrangements for the recovery or disposal of solid and liquid wastes generated by the installation/facility.

For each waste material, give full particulars of ;

- (a) Name *Fluorescent lighting tubes*
- (b) Description & nature of waste *Used fluorescent tubes*
- (c) Source *lights throughout unit*
- (d) Where stored and integrity/impermeability of storage areas: *Designated container*
- (e) Amount (m³) and tonnage *25 – 50 Tubes approx per annum*
- (f) Period or Periods of generation *Continuously*
- (g) Analysis (include test methods and Q.C.) *N/A*
- (h) European Waste CatPaulgue Code *20 01 21* Hazardous*
- (i) Waste Category per EC Reg 1774/2002/EC where relevant

Where any waste would be classified as Hazardous Waste as defined in the Waste Management Acts, 1996 to 2003, this should be made clear in the information provided.

Describe the arrangements for the prevention and recovery of waste generated by the activity.

Summary Tables H.1(i) should also be completed, as appropriate, for each waste. The licence/permit register number of the waste collection agent or disposal/recovery operator should be supplied as well as the expiry date of the relevant permits

Supporting information should form **Attachment N^o H.**

Return to supplier and/or Monaghan Co.Co. Civic Amenity Centre(s).

H.6 Waste Handling

Describe the arrangements for the recovery or disposal of solid and liquid wastes generated by the installation/facility.

For each waste material, give full particulars of;

- (a) Name
- (b) Description & nature of waste
- (c) Source
- (d) Where stored and integrity/
impermeability of storage areas
- (e) Amount (m³) and tonnage
- (f) Period or Periods of generation
- (g) Analysis (include test methods and Q.C.)
- (h) European Waste CatPaulgue Code
- (i) Waste Category per EC Reg 1774/2002/EC where relevant

Where any waste would be classified as Hazardous Waste as defined in the Waste Management Acts, 1996 to 2003, this should be made clear in the information provided.

Describe the arrangements for the prevention and recovery of waste generated by the activity.

Summary Tables H.1(i) should also be completed, as appropriate, for each waste. The licence/permit register number of the waste collection agent or disposal/recovery operator should be supplied as well as the expiry date of the relevant permits

Supporting information should form **Attachment N^o H.**

SECTION I EXISTING ENVIRONMENT & IMPACT OF THE ACTIVITY

Describe the conditions of the site of the installation

Provide an assessment of the effects of any emissions on the environment, including on an environmental medium other than that into which the emissions are made.

Describe, where appropriate, measures for minimising pollution over long distances or in the territory of other states.

I.1. Assessment of atmospheric emissions

Give summary details and an assessment of the impacts of any existing or proposed air emissions i.e. dust and odour, on the environment, including environmental media other than those into which the emissions are to be made. Give details of all **odour** control measures used to minimise and abate odour.

Identify all residential dwelling houses and sensitive locations within 1 km and sensitive areas or areas of special interest within 5km of the activity and predict the extent of odour emissions from the activity.

Attachment N^o I.1 should also contain full details of any dispersion modelling of atmospheric emissions from the activity, where required.

Due to the nature of site activities, existing and proposed, at this farm, odour is not an issue at or beyond the site boundary.

A site location map based on a Discovery Series OS (Scale 1:50,000), with the site location of this facility marked thereon is included, as attachment No. B2.

I.2 Assessment of impact of ground emissions

Describe the existing groundwater quality at the site of the activity. Tables I.2 (i) should be completed. Assess the impact due to contaminated discharges from otherwise clean discharges.

Landspreading of Agricultural Manures

Tables I.2(ii) and I.2.(iii) should be complete where applicable. Further information is available in the Application Guidance Document.

I.3 Ground and/or groundwater contamination

Summary details of known ground and/or groundwater contamination, historical or current, on or under the site must be given.

Full details including all relevant investigative studies, assessments, or reports, monitoring results, location and design of monitoring installations, plans, drawings, documentation, including containment engineering, remedial works and any other supporting information should be included in **Attachment N^o I.3.**

There has been no historical contamination of groundwater at this site. This reconstructed site will be maintained in a clean and proper manner, and the proposed development will be managed to the same high standard.

I.4 Noise Impact.

A map (no larger than A3) of the site and surrounding area should be supplied, indicating the main sources of noise on site. Give details of the impacts of any existing or proposed noise emissions on the environment, including environmental media other than those into which the emissions are to be made.

This information should be **Attachment N^o I.4.**

Due to the nature of site activities at a pig facility, noise is not an issue at these facilities at or beyond the site boundary.

I.5 Environmental Considerations and BAT

Describe in outline the main alternatives, if any, to the proposals contained in the application.

Describe any environmental considerations which have been made with respect to the use of cleaner technologies, waste minimisation and raw material substitution.

Describe the measures proposed or in place to ensure that:

- (a) The best available techniques are or will be used to prevent or eliminate or, where that is not practicable, generally reduce an emission from the activity;
- (b) no significant pollution is caused;
- (c) waste production is avoided in accordance with Council Directive 75/442/EEC of 15 July 1975 on waste; where waste is produced, it is recovered or, where that is technically and economically impossible, it is disposed of while avoiding or reducing any impact on the environment;
- (d) energy is used efficiently;
- (e) the necessary measures are taken to prevent accidents and limit their consequences;
- (f) the necessary measures are taken upon definitive cessation of activities to avoid any pollution risk and return the site of operation to a satisfactory state.

Supporting information should form **Attachment N^o I.5.**

This facility is and will be operated in an efficient manner using optimum insulation to minimise energy usage and minimise animal loss, thereby minimising overall waste generation. All other wastes generated are recycled wherever possible. The proposed development will be managed to the same high standard.

SECTION J ACCIDENT PREVENTION & EMERGENCY RESPONSE

Describe the existing or proposed measures, including emergency procedures, to minimise the impact on the environment of an accidental emission or spillage together with the provisions for response to emergency situations outside of normal working hours, i.e. during night-time, weekends and holiday periods.

Detail the emergency arrangements and procedures for dealing with a Class A disease outbreak.

Describe the arrangements for abnormal operating conditions including start-up, leaks, malfunctions or momentary stoppages.

Supporting information should form part of **Attachment N^o J**.

Emergency response contact numbers have been put in place and agreed with the Agency for this existing facility.

These procedures will be extended to accommodate the re-constructed development.

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SECTION K REMEDIATION, DECOMMISSIONING, RESTORATION & AFTERCARE

Describe the existing or proposed measures to minimise the impact on the environment after the activity or part of the activity ceases operation, including provision for post-closure care of any potentially polluting residuals.

Supporting information should be included as part of **Attachment N^o K**.

If the enterprise had to cease operation, all feeding, animal production, pig manure production and waste production would cease also. At such time there would be normal inputs still in stock (e.g. feed in bins, medicines, etc.) and there would be stock in houses, manure in tanks and also some of the wastes (dead animals, medicine containers) in their respective containers. All of those materials would then be disposed of or distributed in the same way as per the normal operation of the enterprise. Saleable stock would be sold to the usual outlet. All remaining feed and medicines would be returned/sold back to the respective suppliers. The buildings, once empty of stock would be washed clean and all manure/dirty wash water would be spread on farmland, there would be no special or adverse impact on the environment.

In the unlikely event of closure being the result of a Class A disease incident, any non-saleable stock would be humanely put down and consigned either for rendering (as currently done for the dead animal tissues) or for incineration. In such a situation, all of that would be under the control of the veterinary Division of the Department of Agriculture.

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SECTION L STATUTORY REQUIREMENTS

Indicate how the requirements of Section 83(5)(a)(i) to (v) and (vii) to (x) of the EPA Act's, 1992 and 2003 shall be met, having regard, where appropriate, to any relevant specification issued by the Agency under section 5 (3) of the Act and the reasons for the selection of the arrangements proposed.

Indicate whether or not the activity is carried out on, or may be carried out on, or is located such that it is liable to have an adverse effect on -

- (a) a site placed on a list in accordance with Chapter 1 of SI 94 of 1997, or
- (b) a site where consultation has been initiated in accordance with Article 5 of the EU Habitats Directive (92/43/EEC), or
- (c) a European site as defined in Article 2 of SI 94 of 1997

Indicate whether or not the activity is liable to have an adverse effect on water quality in light of S.I. No. 258 of 1998 (Local Government (Water Pollution) Act, 1977 (Water Quality Standards for Phosphorus) Regulations, 1998).

Indicate whether any of the substances specified in the Schedule of the EPA (Licensing)(amendment) 2004 are discharged by the activity to the relevant medium.

Supporting information should be included as part of Attachment N^o L with reference to where the information can be found in the application.

No relevant specifications issued by the EPA under Section 83(3) of the Act.

In relation to those activities to which Section 83(3) of the act may apply, the requirements of Section 83(3)(a) to (e) of the EPA Act, 1992 shall be met by operating the facilities and managing the site so that:

- 1. Any emissions from the activity will not result in the contravention of any relevant air quality standard specified under Section 50 of the Air Pollution Act, 1987, and will comply with any relevant emission limit value specified under section 51 of the Air Pollution Act, 1987.*
- 2. Any emissions from the activity will comply with or will not result in the contravention of, any relevant quality standard for waters, trade effluents and sewage effluents and standards in relation to treatment of such effluents prescribed under section 26 of the Local Government (Water Pollution) Act, 1977.*
- 3. Any emissions from the activity or any premises, plant, methods, processes, operating procedures or other factors which affect such emissions, will comply with, or will not result in the contravention of, any relevant standard including any standard for an environmental medium prescribed under regulations made under the European Communities Act, 1972 or under any other enactment.*
- 4. Any noise from the activity will comply with, or will not result in the contravention of, any regulations under section 106.*
- 5. Any emissions from the activity will not cause significant environmental pollution*

The Applicant is satisfied that the activity is not in or near and is not likely to have an adverse effect on the integrity of

- (a) A site placed on a list in accordance with Chapter 1 of SI 94 of 1997 or**
- (b) A site where consultation has been initiated in accordance with Article 5 of the EU Habitats Directive (94/43/EEC), or**
- (c) A European site as defined in Article 2 of SI 94 of 1997**

The activity is not likely to have an adverse effect on water quality in the vicinity of the activity. All organic fertiliser produced at this facility is to be used in accordance with S.I. 101 of 2009.

Fit and Proper Person.

The EPA Acts 1992 and 2003 (Section 83(5) (xi)) specifies that the Agency shall not grant a licence unless it is satisfied that the applicant or licensee or transferee as the case may be is a fit and proper person. Section 84(4) of the Act specifies the information required to enable a determination to be made by the Agency.

- Indicate whether the applicant or other relevant person has been convicted under the EPA Acts 1992 and 2003, the Waste Management Acts 1996 to 2003, the Local Government (Water pollution) Acts 1977 and 1990 or the Air Pollution Act 1987.

NOTE: The applicant has no previous convictions.

- Provide details of the applicant's technical knowledge and/or qualifications, along with that of other relevant employees.

NOTE: The applicants are highly experienced pig farmers, and operate a number of farms in Northern Ireland and England.

- Provide information to show that the person is likely to be in a position to meet any financial commitments or liabilities that may have been or will be entered into or incurred in carrying on the activity to which the application relates or in consequence of ceasing to carry out that activity.

Do to the nature of the activity being/to be carried out, i.e. the rearing of pigs, and the nature of the primary inputs, i.e. feed and water, there are no processes and/or materials arising on-site that could lead to a significant liability. Should this activity become uneconomic, production at this farm can be ceased in a relatively short time frame. Due to the fact that this is a highly modern efficient farm this is highly unlikely.

Provide the necessary information that will allow the Agency determine these requirements as part of Attachment N^o L.

SECTION M DECLARATION

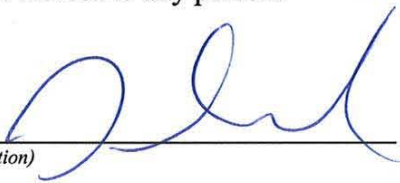
Declaration

I hereby make application for a licence / revised licence, pursuant to the provisions of the Environmental Protection Agency Acts, 1992 and 2003 and Regulations made thereunder.

I certify that the information given in this application is truthful, accurate and complete.

I have no objection to the provision by the agency or local authority of a copy of the application or part thereof to any person.

Signed by : _____
(on behalf of the organisation)



Date: 07/04/2010

Name in block letters: Mr. Jim Wright
On behalf of Jim and Mark Wright (t/a JMW Farms)

Position in organisation : OWNER/MANAGER

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Company stamp or seal:

Attachment No.

- A1 ~ Non Technical Summary**

- B2 ~ Site Location Map (1:50,000)
Site Location Map (1:2,500)**

- B5 ~ Copy of most recent planning permissions.
Copy of Existing I.P.P.C. Licence Reg. No.
P0696-01**

- B7 ~ Copy of Site Notice.
Map showing Location of Site Notice
Copy of Newspaper Advertisement
Copy of Notification to Local Authority**

- D1 ~ Site Layout Plan**

- E2 ~ Storm water drainage plan.**

- E3 ~ Information required as per I.F.A. /E.P.A.
Agreement.**

- L ~ Application form Re: Transfer of I.P.P.C.
Licence.**

Attachment No. A1
Non Technical Summary

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Non-Technical Summary

An application is being made by Mr. Jim and Mark Wright (T/A JMW Farms), 52 Cortynan Road, Tynan, Co. Armagh, BT60 4QZ to the Environmental Protection Agency (E.P.A.) for a review of the existing Integrated Pollution Prevention and Control (I.P.P.C.) Licence in respect of their pig farm at Crosses, Monaghan, Co. Monaghan, I.P.P.C. Reg. No. P0696-01.

The purpose of this review is to accommodate the redevelopment of the original c. 650 sow integrated pig unit, licensed under P0696-01, which has been re-constructed and will now operate as a 1,200 sow breeding unit. Planning permission was granted by Monaghan Co. Co. for this proposed development under planning ref. 07/993.

All of the structures that existed on this farm were removed with the exception of 1. No. over-ground storage tank and 1 No. pig house. The site as currently exists comprises 2 New pig houses, 1 new meal/feed store along with all ancillary structures, and, one original pig house and one original overground storage tank.

This is a modern site, well constructed with leak detection facilities underneath the new storage tanks.

The main activities previously carried out on the site, and to be carried within the re-constructed development, revolve around the care and management of the pigs and are detailed below:

- Breeding and rearing of pigs.
- Feeding of the pigs on-site.
- General animal husbandry practices.
- Pig movement on site
 - ~ sows from dry sow accommodation to farrowing accommodation (and vice versa)
 - ~ piglets from the farrowing house to the 1st stage, heated rearing houses
 - ~ weaners from the heated nurseries to the 2nd stage rearer accommodation
- Washing of houses between each batch, for pig health and performance reasons.
- Transport of feed to the farm
- Transport of weaners to offsite finishing, and culls from site to factory.
- Transport of pig manure off site.

Site plans and location map of this farm have been submitted as part of the documentation accompanying this application. Normal working hours on this site are from 8.00hrs to 18.00hrs.

The raw and ancillary materials used in the running of this farm include:

- Pig Feed (Consisting of Barley, Wheat, Soya, Minerals and Vitamins etc.), water, injectable iron, vaccines, anthelmintics and antibiotic medication for the animals.
- Detergents, disinfectants and pest control products for pig health and hygiene reasons.
- Electricity for operating the feed system, ventilation, heating, the power washer and fridge's for A.I. and vaccine storage.

The main secondary product produced on this farm is pig manure/organic fertiliser:

- Pig manure ~ to be incorporated into a fertiliser management system by allocation to a number of customer farmers for use as organic fertiliser on their lands, in line with the requirements of S.I. 101 of 2009. Additional customers may be added to the customer list as and when they arise. There will be a max. total of c. 10,857.6 m³ of pig manure available.

The proposed technology and other techniques for minimising manure production and ensuring the proper management and use of this fertiliser resource are outlined hereafter:.

- The pig manure that is, and will be, produced on site will be used as an organic fertiliser, which substitutes for the inorganic chemical fertiliser presently being used. The manure will be recycled on to the agricultural land in line with the requirements of S.I. 101 of 2009.
- Adequate storage
- Excess customers available.
- Efficient washing routines using pre-wash detergents and high pressure power washers.

Vaccines are and will be used as the primary disease control measure on the farm. In-feed medications (antibiotics) are and will be the second line of defence in a general disease outbreak. Individual animals are treated by antibiotic injection. This management routine under veterinary supervision reduces the volume of veterinary waste. Such waste will be stored in purpose manufactured sealed containers and disposed of by specialist contractors.

Animal Tissue Waste

- Comprises of a variety of carcasses due to natural deaths on the farm and parturition tissues. This material is a resource ingredient in the animal rendering industry.
- Storage is provided in sealed skips.
- This waste is and will be kept to a minimum due to the high standard of animal husbandry practised.
- Disposed of by personnel employed by the licensed rendering facility.

Odour & Noise

- Deliveries (inward & outward) are and will be confined to the normal daily work routine, where practicable.
- There is and will be a strict washing routine so as to prevent the built up of odour within the houses.
- Noise emissions are, and will be, reduced by the use of a computerised and/or ad-lib feeding system. Therefore pigs do not associate feeding with people entering and leaving the houses.

Energy Efficiency

Energy costs are a significant part of the running cost of this farm. The amount of energy used will be minimised by high insulation standards, regular maintenance and minimal wastage.

In an effort to reduce the possibility of accidents or the impact if one does occur, Mr. Jim and Mark Wright, have taken a number of precautions:

- Excess customers for pig manure are available.
- Almost 12 months slurry storage capacity provided.
- The manure storage tanks will visually inspected monthly to ensure adequate storage capacity is remaining.
- The storm water discharge points will be monitored weekly for colour and odour and quarterly a sample will be taken and analysed in a laboratory.
- Adequate on site space provided for all traffic movements.
- Leak detection system under all newly constructed structures.

Should any incident with the potential for environmental contamination arise, Mr. Jim and Mark Wright will,

- Inform the Licensing and Control Officer of the E.P.A.
- Inform the local authority and local regional fisheries board where applicable.
- Take the most appropriate measures available to minimise the effect of the accident/spill.
- Consult with the E.P.A. and local authority on any further appropriate remedial action required.

Specific programmes have been outlined to deal with the possibility of cessation of activity at this site:

- Pigs will be sold.
- Animal tissue, veterinary waste and any other wastes will be removed as per normal.
- Feed will be removed from the bins and any unopened medicines returned to the supplier.
- Pig manure will be removed from the tanks and spread as per normal.
- The houses will be washed and disinfected.

Attachment No. B2

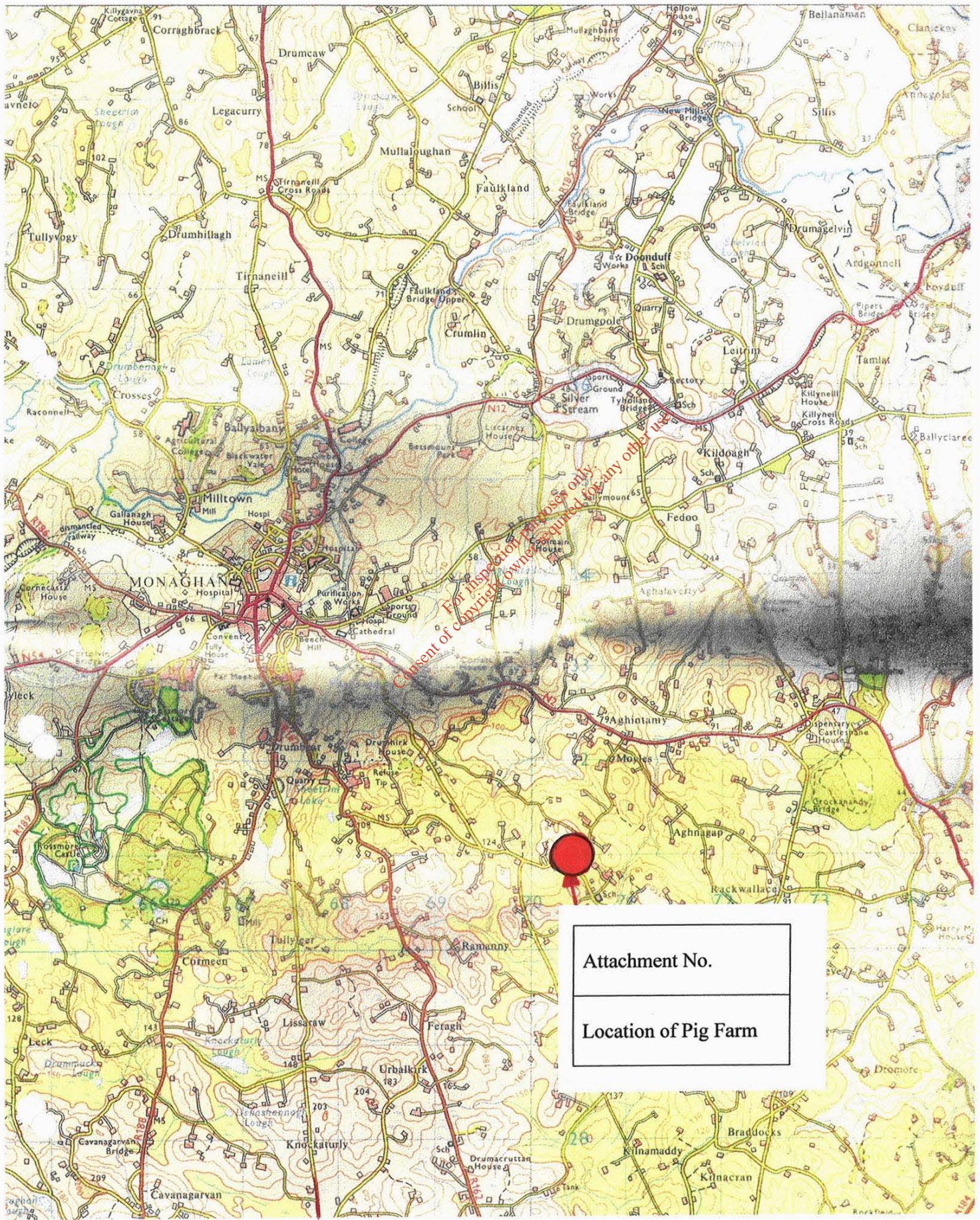
Site Location Map (1:50,000)

Site Location Map (1:2,500)

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Enyvale
3 Km or 2 miles
N 2

Clidagh
2 Km or 1 mile
R 185

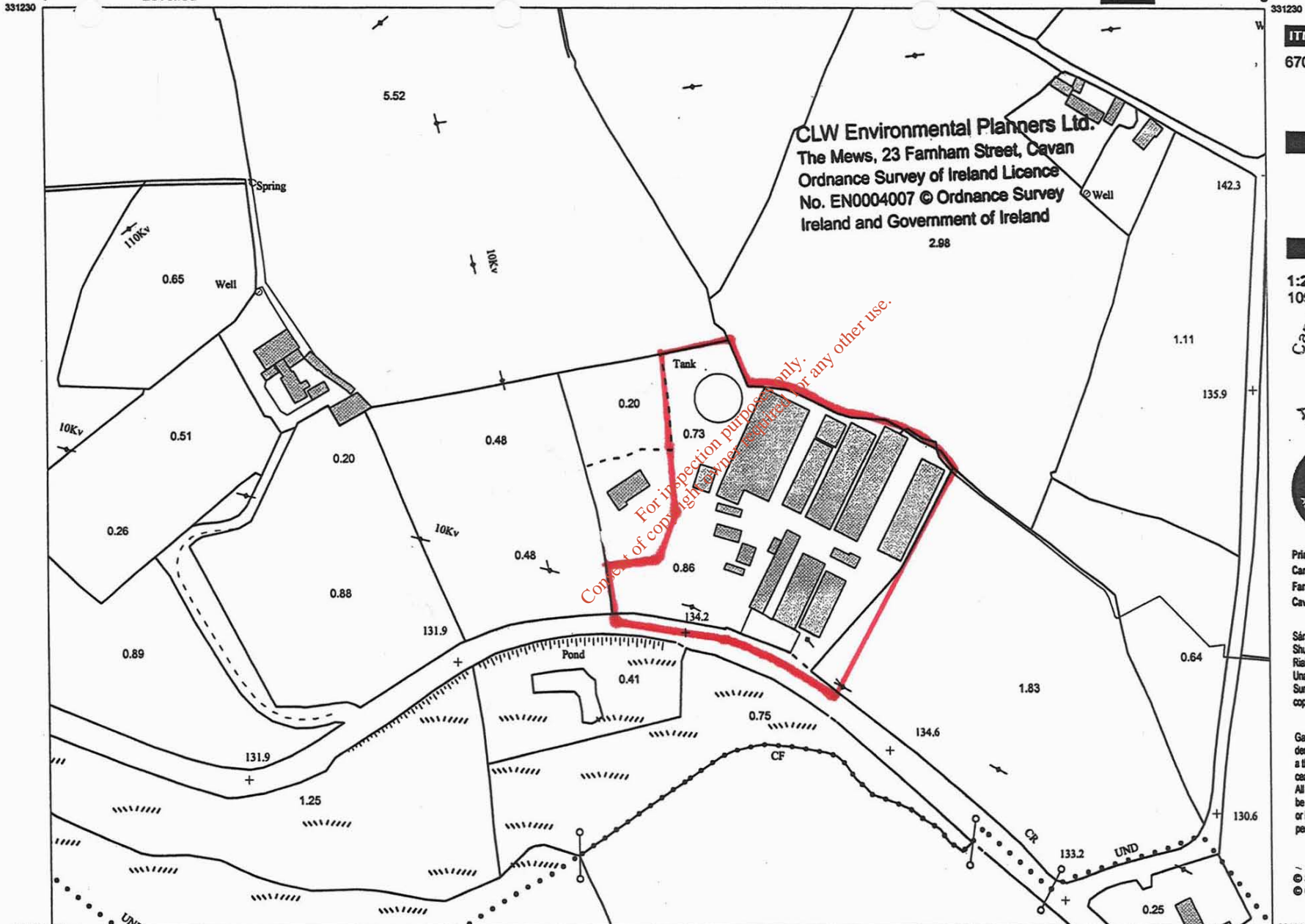


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Attachment No.
Location of Pig Farm

Revised 2003
Levelled

Rural PLACE Map



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 The Mews, 23 Famham Street, Cavan
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ITM CENTRE PT COORDS
670254,831021

DESCRIPTION

MAP SHEETS

1:2500
1096-D 1157-B



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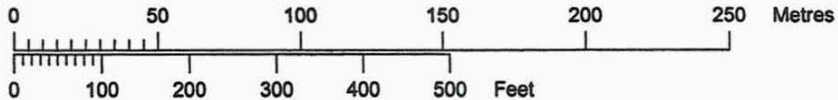
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Scale:- 1:2,500
Scála:- 1:2,500



Plot Ref. No. 1118734_1_1
Plot Date 14-JUN-2006

Attachment No. B5

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Copy of Existing I.P.P.C. Licence Reg. No. P0696-01**

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Comhairle Chontae Mhuineacháin
CÍFÍGÍ CONTAE,
IN GLEANN,
MUINEACHÁN.

Guthán : 047 - 30500

Seoltar comhfhreagrais go dtí
an Rúnaí.



Monaghan County Council
COUNTY OFFICES
THE GLEN, MONAGHAN.

Telephone: 047 - 30500

Fax: 047 - 82739

e-mail: secretar@monaghancoco.ie

website: www.monaghan.ie

All correspondence should be addressed
to the Secretary.

16/08/2007

To: John Erskine
C/O Paraic fay
C.L.W. Environmental Planners
The Mews
23 Farnham St., Co. Cavan

File Number - 07/993

Planning and Development Acts 2000 to 2006
NOTIFICATION OF FINAL GRANT

Monaghan County Council has by order dated 12/07/2007 granted PERMISSION to the above named, for the development of land namely:- decommission 8 No. existing pig houses, 4 No. existing pre-fabricated pig houses and ancillary structures and to construct 2 No. replacement pig houses (House 1 with a double apex roof, House No. 2 with A roof design) and 1 No. meal store with together with all ancillary structures and associated site works arising from the above development at Crosses, Monaghan, Co. Monaghan. House reference numbers correspond with house numbers shown on site layout plan submitted with this application. This application relates to a development, which is for the purposes of an activity requiring an Integrated Pollution Prevention and Control (I.P.P.C.) licence under part IV of the Environmental Protection Agency (Licensing) Regulations 1994 to 2004. An Environmental Impact Statement (E.I.S.) will be submitted with this planning application. This E.I.S. will be available for inspection or purchase at a fee not exceeding the reasonable cost of making a copy during office hours at the offices of Monaghan County Council, at Crosses,, Monaghan, , subject to the 5 condition(s) set out in the Schedule attached.

Signed on behalf of MONAGHAN COUNTY COUNCIL.


ADMINISTRATIVE OFFICER

16/8/07
DATE

It should be noted that an outline permission is a permission subject to the subsequent approval of the Planning Authority and that until such approval has been obtained to detailed plans of the development proposed, the development is **NOT AUTHORISED**.

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P993/07 – John Erskine, Crosses, Monaghan

1. All open yard areas within the site shall be covered in a non-permeable surface with drainage channels incorporated into the yard area in order to prevent any soiled water or animal manure from draining into any water courses.
2. Roofing material shall be dark green, dark grey or dark blue in colour.
3. Prior to any use of the pig houses hereby granted a soil embankment measuring 1m high X 2m wide shall be constructed along the south-eastern and south-western boundaries and this embankment shall be planted in a double staggered row of native species trees planted at 3 metre centres. All plants to be a minimum height of 2 metres.
4. Animal numbers within this farm yard shall not increase above the animal numbers as stated on application forms submitted to the Planning Authority for consideration.
5. The development shall be carried out strictly in accordance with the plans and documents submitted on the 18th May 2007, except as may otherwise be required in order to comply with the above conditions.

THE REASONS FOR THE IMPOSITION OF THE ABOVE ARE:

1. In the interest of environmental protection.
2. In the interest of visual amenity..
3. In the interest of visual amenity.
4. In the interest of environmental protection.
5. To secure a satisfactory standard of development.



Headquarters,
Johnstown Castle Estate
Wexford, Ireland

**INTEGRATED POLLUTION PREVENTION AND
CONTROL LICENCE**

Licence Register Number: 696

Licensee: Mr. John Erskine

Location of Activity: Crosses
Monaghan
County Monaghan

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Glossary of Terms

The Agency	Environmental Protection Agency.
The Licensee	Mr. John Erskine, Crosses, Monaghan, County Monaghan.
AER	Annual Environmental Report.
Agreement	Agreement in writing.
Annually	All or part of a period of twelve consecutive months.
BAT	Best Available Techniques.
Bi - monthly	Every two months
BOD	5 day Biochemical Oxygen Demand.
Breeding unit	A piggery in which pigs are bred and reared up to 30kg in weight.
Buffer zone	Area excluded from landspreading of waste.
CEN	Comité Européen de Normalisation - European Committee for Standardisation.
Clients list Table 11B(i)	A list of farmers and associated farmlands used for the landspreading of slurry from the facility.
COD	Chemical Oxygen Demand.
Daily	During all days of plant operation, and in the case of emissions, when emissions are taking place; with no more than 1 measurement on any one day.
Daytime	0800 hrs to 2200 hrs.
Daylight hours	Lighting-up time plus an hour
dB(A)	Decibels (A weighted).
DO	Dissolved Oxygen.
EIS	Environmental Impact Statement.
EMP	Environmental Management Programme.
EWC	European Waste Catalogue (2000/532/EC as amended)
Freeboard	The difference in elevation between the maximum elevation of the slurry/manure and the minimum elevation of the storage tank.
ha	hectare.
Integrated unit	A piggery in which pigs are bred and reared to slaughter.

IPPC	Integrated Pollution Prevention and Control
Landspreading	The application of slurry/manure to farmland
Leq	Equivalent continuous sound level.
Local Authorities	Monaghan County Council & Armagh City and District Council.
Monthly	At least 12 times per year at approximately monthly intervals.
Night-time	2200 hrs to 0800 hrs.
NMP	Nutrient Management Plan
Noise sensitive location	Any dwelling house, hotel or hostel, health building, educational establishment, place of worship or entertainment, or any other facility or area of high amenity which for its proper enjoyment requires the absence of noise at nuisance levels.
Odour sensitive location	Any dwelling house, hotel or hostel, health building, educational establishment, place of worship or entertainment, or any other facility or area of high amenity which for its proper enjoyment requires the absence of odour at nuisance levels.
ppm	Parts per million.
Production pig	Any pig over 30kg in weight which is being fattened for slaughter.
Quarterly	All or part of any three consecutive months beginning on the first day of January, April, July or October.
Regional Fisheries Board	Northern and Eastern Regional Fisheries Board.
Slurry/manure	Animal faeces, urine, washwater and any associated feed or bedding.
SOP	Standard Operating Procedure.
Sow	A female pig after its first farrowing.
Standard Methods	As detailed in "Standard Methods for the Examination of Water and Wastewater", (prepared and published jointly by A.P.H.A., A.W.W.A & W.E.F) 20th Ed. 1998, American Public Health Association, 1015 Fifteenth Street, N.W., Washington DC 20005, USA; or, an alternative method as may be agreed in writing by the Agency.
TOC	Total Organic Carbon.
Waste disposal activity	Means any of the activities included in the Third Schedule to the Waste Management Acts 1996 to 2003.
Waste recovery activity	Means any of the activities included in the Fourth Schedule to the Waste Management Acts 1996 to 2003.
Weekly	During all weeks of plant operation, and in the case of emissions, when emissions are taking place; with no more than one measurement in any one week.

Reasons for the Decision

The Agency is satisfied, on the basis of the information available, that subject to compliance with the conditions of this licence, any emissions from the activity will comply with and not contravene any of the requirements of Section 83(5) of the Environmental Protection Agency Acts, 1992 and 2003.

In reaching this decision the Agency has considered the application and supporting documentation received from the applicant and the report of its inspector.

No objection having been received to the proposed determination, the licence is granted in accordance with the terms of the proposed determination and the reasons therefor.

Activities Licensed

In pursuance of the powers conferred on it by the Environmental Protection Agency Acts, 1992 and 2003, the Agency hereby grants a licence to:

Mr. John Erskine, Crosses, Monaghan, County Monaghan,

under Section 83(1) of the said Acts to carry on the following activity

- :- the rearing of pigs in an installation, whether within the same complex or within 100 metres of the same complex, where the capacity exceeds 285 places for sows in an integrated unit,

at Crosses, Monaghan, County Monaghan, subject to the following thirteen Conditions, with the reasons therefor and associated schedules attached thereto.

Conditions

Condition 1 Scope

- 1.1 The activity shall be controlled, operated, and maintained and emissions shall take place as set out in this Integrated Pollution Prevention and Control (IPPC) licence. All programmes required to be carried out under the terms of this licence, become part of this licence.
- 1.2 No alteration to, or reconstruction in respect of, the activity or any part thereof which would, or is likely to, result in
- (a) a material change or increase in:
 - 1.2.1 The nature or quantity of any emission,
 - 1.2.2 The abatement/treatment or recovery systems,
 - 1.2.3 The range of processes to be carried out,
 - 1.2.4 The fuels, raw materials, products or wastes generated with adverse environmental significance, or
 - (b) any changes in:
 - 1.2.5 The site management and control with adverse environmental significance,
- shall be carried out or commenced without prior notice to, and without the prior written agreement of, the Agency.
- 1.3 This licence is for the purposes of IPPC licensing under the EPA Acts, 1992 and 2003 only and nothing in this licence shall be construed as negating the licensee's statutory obligations or requirements under any other enactments or regulations.
- 1.4 Any reference in this licence to 'site' shall mean the plan area edged in black and labelled 'Site Layout', Attachment No. 5, in the licence application.
- 1.5 This licence relates to a facility with the capacity to house a maximum number of animals as described in *Schedule 1(i) Animal Numbers Housed at the Facility*.

Reason: To clarify the scope of this licence.

Condition 2 Management of the Activity

- 2.1 Corrective Action
- 2.1.1 The licensee shall establish procedures to ensure that corrective action is taken should the specified requirements of this licence not be fulfilled. The responsibility and authority for initiating further investigation and corrective action in the event of a reported non-conformity with this licence shall be defined.
- 2.2 Awareness and Training
- 2.2.1 The licensee shall establish and maintain procedures for identifying training needs, and for providing appropriate training, for all personnel whose work can have a significant effect upon the environment. Appropriate records of training shall be maintained.

2.2.2 Personnel/contractors performing specifically assigned tasks shall be qualified on the basis of appropriate education, training and/or experience, as required. The licensee must ensure that contractors/agents involved in transport of waste are appropriately trained and/or experienced, and receive adequate supervision on site.

2.3 Responsibilities

2.3.1 The licensee shall ensure that a person in charge, as defined under the terms of the Environmental Protection Agency Acts, 1992 and 2003 shall be available on-site to meet with authorised persons of the Agency at all reasonable times.

2.3.2 The licensee shall be satisfied that the recipient of the slurry/manure is aware of the nutrient management plan (Condition 5.5.6), code of practice and buffer zones covering landspreading (Condition 5.5.7) and of the requirements for storage of the slurry/manure (Condition 5.5.2).

2.4 Communications

2.4.1 The licensee shall put in place a programme to ensure that members of the public can obtain information concerning the environmental performance of the licensee at all reasonable times.

2.4.2 For each full calendar year from the date of grant of this licence, the licensee shall submit to the Agency, by the 1st February of the following year, an AER which shall be to the satisfaction of the Agency. This report shall include as a minimum the information specified in *Schedule 4(i) Recording and Reporting to the Agency* and shall be prepared in accordance with any relevant guidelines issued by the Agency. In addition, the first AER report shall, separately from the calendar year report, include a report covering the period from the date of grant of the licence to the 31st December of the same year.

2.5 Vermin Control

2.5.1 The licensee shall maintain sufficient and continuous vermin control at the site.

Reason: To make provision for management of the activity on a planned basis having regard to the desirability of ongoing assessment, recording and reporting of matters affecting the environment.

Condition 3 Notification

3.1 The licensee shall notify the Agency by both telephone and with the agreement of the Agency, either facsimile or electronic mail, if available, to the Agency's Office of Environmental Enforcement, McCumiskey House, Richview, Clonskeagh Road, Dublin 14, or to such other Agency office as may be specified by the Agency, as soon as practicable after the occurrence of any of the following:

3.1.1 Any unauthorised emission from the facility.

3.1.2 Any incident with the potential for environmental contamination of surface water or groundwater, or posing an environmental threat to air or land, or requiring an emergency response by the Local Authority.

3.2 The licensee shall include as part of the notification, the date and time of the incident, details of the occurrence, and the steps taken to minimise the emissions and avoid recurrence. The licensee shall make a record of any incident as set out in Condition 3.1 above. The notification given to the Agency shall include details of the circumstances giving rise to the incident and all actions taken to minimise the effect on the environment and minimise wastes generated.

- 3.3 A summary report of reported incidents shall be submitted to the Agency as part of the AER. The information contained in this report shall be prepared in accordance with any relevant guidelines issued by the Agency.
- 3.4 In the case of any incident as set out in Condition 3.1.2 above which relates to contamination of surface or groundwater, the licensee shall notify the relevant Regional Fisheries Board as soon as practicable after such an incident.
- 3.5 In the event of any incident, as set out in Condition 3.1.2 having taken place, the licensee shall notify the relevant Local Authority as soon as practicable, after such an incident.

Reason: To provide for the notification of incidents and update information on the activity.

Condition 4 Emissions to Atmosphere

- 4.1 The licensee shall ensure that all operations on-site shall be carried out in a manner such that air emissions and/or odours do not result in significant impairment of, or significant interference with amenities or the environment beyond the site boundary and at odour sensitive locations.
- 4.2 The licensee shall, within twelve months of the date of grant of licence, submit an odour management programme for agreement by the Agency outlining odour management measures appropriate for the site. The licensee shall implement this odour management programme, within a specified timeframe to be agreed in writing with the Agency. The odour management programme shall be reviewed annually and necessary amendments thereto notified to the Agency for agreement as part of the Annual Environmental Report (AER) (Condition 2.4.2).

Reason: To provide for the protection of the environment by way of control, limitation, treatment and monitoring of emissions.

Condition 5 Waste Management

- 5.1 Disposal or recovery of waste shall take place only as specified in *Schedule 2(i) Wastes for Disposal/Recovery* of this licence and in accordance with the appropriate National and European legislation and protocols. No other waste shall be recovered on-site or disposed of/recovered off-site without prior notice to, and prior written agreement of, the Agency.
- 5.2 Animal tissue or carcasses stored on-site pending disposal shall be placed in covered, leak proof containers and shall at a minimum be removed weekly for disposal in accordance with *Schedule 2(i) Wastes for Disposal/Recovery*. This may be reduced to fortnightly removal during October to March.
- 5.3 With the exception of waste transported by the licensee to his own lands which are connected or associated with the activity, waste sent off-site for recovery or disposal shall be conveyed only by agreed persons or authorised contractors. All wastes shall be transported from the site of the activity to the site of recovery/disposal in a manner which will not adversely affect the environment.
- 5.3.1 Animal tissue or carcasses sent off site for disposal/recovery shall be transported in covered, leak proof containers.
- 5.3.2 The transport of slurry/manure via the public road shall be carried out in sealed containers such that no spillage can occur.

- 5.4 For wastes other than those destined for landspreading, a full record, which shall be open to inspection by authorised persons of the Agency at all times, shall be kept by the licensee on matters relating to the waste management operations and practices at this site. This record shall as a minimum contain details of the following:
- 5.4.1 The names of the agent and carrier of the waste, and their permit details (to include issuing authority).
 - 5.4.2 The name of the persons responsible for the ultimate disposal/recovery of the waste.
 - 5.4.3 The ultimate destination of the waste.
 - 5.4.4 Written confirmation of the acceptance and disposal/recovery of any hazardous waste consignments sent off-site.
 - 5.4.5 The tonnages and EWC Code for the waste materials listed in *Schedule 2(i) Wastes for Disposal/Recovery*, sent off-site for disposal/recovery.
 - 5.4.6 Details of any rejected consignments.
- A copy of this Waste Management Record shall be submitted to the Agency as part of the AER for the site.
- 5.5 Where wastes are destined for landspreading the following shall apply:
- 5.5.1 Monitoring of available storage capacity for slurry/manure shall be undertaken as outlined in *Schedule 2(ii) Waste Monitoring*. Results shall be retained on site and available for inspection by the Agency at all reasonable times. The results shall be submitted to the Agency in a summary report included as part of the AER.
 - 5.5.2 The licensee shall ensure that in cases where there is transfer of slurry or manure from the facility to storage provided on farms in the clients list table 11 B(i) of the application, that it is contained in a purpose built slurry holding structure adequate for the protection of groundwater and surface water.
 - 5.5.3 Landspreading from this activity shall take place only on lands agreed in advance in writing by the Agency.
 - 5.5.4 Agreements between the licensee and recipients of wastes for landspreading shall not conflict with any conditions in this licence.
 - 5.5.5 Soil monitoring shall be undertaken as outlined in *Schedule 3(ii) Soil Monitoring* and a summary report included as part of the Nutrient Management Plan.
 - 5.5.6 All landspreading activities shall be undertaken in accordance with a Nutrient Management Plan which must be agreed in advance with the Agency. The Nutrient Management Plan shall be submitted by the first of February annually. Thereafter, alterations to this must be agreed in advance in writing by the Agency.
 - 5.5.7 Landspreading shall be carried out in accordance with *Schedule 2(iii) Buffer Zones for Landspreading of Organic Waste* and *Schedule 2(iv) Code of Practice for Landspreading of Organic Waste*. All landspreading activities shall be carried out in such a manner as to avoid contamination of surface and groundwaters, so as to minimise odour nuisance from the activity.
 - 5.5.8 The licensee shall demonstrate to the satisfaction of the Agency compliance with Department of Agriculture and Rural Development (DARD) Northern Ireland (NI) requirements prior to the movement of slurry/manure for landspreading in NI.

- 5.5.9 Where insufficient slurry recovery capacity is identified in the Nutrient Management Plan (NMP), the licensee shall reduce pig numbers on-site to a level consistent with the recovery capacity available as agreed by the Agency.
- 5.5.10 Landspreading shall be undertaken using soil injection, bandspreading, or low trajectory splashplate methods. Any other method must receive prior written agreement from the Agency.
- 5.5.11 A register of landspread slurry/manure ('Slurry/Manure Register') shall be maintained on site on a daily basis and shall be available for inspection by authorised personnel of the Agency at all reasonable times. This register shall include details of the following:
- (i) Date of despatch of slurry/manure.
 - (ii) Name of person who transported the slurry/manure.
 - (iii) Name of contractor/person who landspread the slurry/manure, when landspread by or on behalf of the licensee.
 - (iv) Name of farmer who received the slurry/manure.
 - (v) The quantity of slurry/manure in each consignment.
 - (vi) The quantity of nitrogen and phosphorus in each consignment of slurry/manure.
- 5.5.12 The details, as per Condition 5.5.11, from the register shall be reported to the Agency bi-monthly, and annually as part of the AER.
- 5.6 Domestic sewage from the facility shall be discharged to the on-site septic tank. The septic tank should be inspected every six months and desludged at least annually and records of these inspections shall be maintained by the licensee. Landspreading of residual sludge shall be in accordance with Condition 5.5 and the Waste Management (Use of Sewage Sludge in Agriculture) Regulations 1998 to 2001.

Reason: To provide for the disposal of waste and the protection of the environment.

Condition 6 Noise

- 6.1 Activities on-site shall not give rise to noise levels off site, at noise sensitive locations, which exceed the following sound pressure limits (Leq, 30 minute):
- 6.1.1 Daytime: 55 dB(A),
 - 6.1.2 Night-time: 45 dB(A).
- 6.2 There shall be no clearly audible tonal component or impulsive component in the noise emission from the activity at any noise sensitive location.

Reason: To provide for the protection of the environment by control of noise.

Condition 7 Protection of Surface Waters and Groundwaters

- 7.1 The licensee, shall provide within twelve months and subsequently maintain, a rainwater collection and drainage system for all pig housing on-site.
- 7.2 The licensee shall divert all uncontaminated surface water runoff from roofs and non-contaminated impervious areas of the site, to the surface water drainage system. The drainage system shall discharge through one outfall, other than surface water discharges direct from roofs, as identified in *Schedule 3(i) Surface Water Discharge Monitoring*. The licensee shall provide an inspection chamber at each outlet of the surface water drain.
- 7.3 There shall be no unauthorised discharge of polluting matter to water.
- 7.4 The licensee shall monitor surface water discharges in accordance with *Schedule 3(i) Surface Water Discharge Monitoring* of this licence. This shall be reported annually as part of the AER.
- 7.5 In the event that any analyses or observations made on the quality or appearance of surface water should indicate that contamination has taken place, the licensee shall:
- (i) carry out an immediate investigation to identify and isolate the source of the contamination,
 - (ii) put in place measures to prevent further contamination and to minimise the effects of any contamination on the environment,
 - (iii) and notify the Agency, in accordance with Condition 3.1, as soon as is practicable.
- 7.6 The licensee shall ensure a minimum of six months slurry storage capacity at the site. The minimum storage capacity on site shall be 6,430m³. Proposals for additional storage capacity shall be agreed by the Agency prior to implementation.
- 7.7 The licensee shall ensure that a freeboard of at least 100mm from the top of each covered slurry storage tanks and 500mm from the top of uncovered slurry storage tanks is maintained, as a minimum, at all times.
- 7.8 Underground, partly underground or overground concrete storage facilities shall conform to the Department of Agriculture, Food and Forestry specifications (S108, S123) or equivalent standard. Leak detection facilities shall be installed under all new tanks. Leak detection facilities shall be provided under reconstructed tanks, other than where agreed in writing with the Agency.
- 7.9 The licensee shall within six months from the date of grant of this licence submit a programme for agreement by the Agency on the assessment of under and over-ground effluent storage tanks which form part of the six month slurry storage capacity, pipelines and liquid feed storage tanks to ensure that all storage tanks and pipelines are assessed within twelve months of the date of grant of this licence and at least once every five years thereafter. In the case of new storage facilities installed on site, the assessment shall be undertaken prior to utilisation. A report on such assessment shall be included in the AER, together with proposals for repair of any significant defects found.
- 7.10 The licensee shall examine and complete a report including recommendations on the installation of a protective bund/wall between the overground slurry storage tanks and the stream on the northern boundary of the site. The report shall be submitted to the Agency within six months of the date of grant of this licence for approval. The recommendations identified in the report shall be implemented on-site within a period to be agreed with the Agency.

- 7.11 Where overground storage facilities are utilised, the licensee shall within twelve months of the date of grant of licence, with the agreement of the Agency:
- (i) provide tanks with two lockable valves in line,
 - (ii) provide an appropriate reception pit with level alarm,
 - (iii) provide an external safety ladder and railed platform to facilitate inspection,
 - (iv) undertake measures as necessary for the protection of tanks from damage by vehicles or trailers,
 - (v) provide a partial earthen bund to ensure sufficient protection of the clean water outfall in event of tank overflow, collapse or leakage subject to Condition 7.10 above.
- 7.12 The licensee shall within twelve months prepare and maintain on-site a management procedure for the transfer of slurry to and from the overground slurry storage tank. The procedure shall be available on-site for inspection by the Agency at all reasonable times.
- 7.13 Fuel and whey tank storage facilities shall, within twelve months of the date of grant of licence, as a minimum be bunded, either locally or remotely, to a volume not less than the greater of the following;
- (i) 110% of the capacity of the largest tank or drum within the bunded area,
 - (ii) 25% of the total volume of substance which could be stored within the bunded area.

Drainage from bunded areas shall be diverted for collection and safe disposal. All bunds shall be tested at least once every five years. A report on such tests shall be included in the AER.

Reason: To provide for the protection of surface waters and groundwater.

Condition 8 Energy Use

- 8.1 The licensee shall carry out an audit of the energy efficiency of the site within one year of the date of grant of this licence. The audit shall be carried out in accordance with the guidance published by the Agency; "Guidance Note on Energy Efficiency Auditing". The energy efficiency audit shall be repeated at intervals as required by the Agency.
- 8.2 The licensee shall identify opportunities for reduction in the quantity of water used on site including recycling and reuse initiatives, wherever possible.
- 8.3 The licensee shall undertake an assessment of the efficiency of use of raw materials in all processes, having particular regard to the reduction in waste generated. The assessment should take account of best international practice for this type of activity.

Reason: To provide for the efficient use of energy in all site operations

Condition 9 Residuals Management

- 9.1 Following termination, or planned cessation for a period greater than six months, of use or involvement of all or part of the site in the licensed activity, the licensee shall, to the satisfaction of the Agency, decommission, render safe or remove for disposal/recovery, any soil, subsoils, buildings, plant or equipment, or any waste, materials or substances or other matter contained therein or thereon, that may result in environmental pollution.

Reason: To make provision for the proper closure of the activity ensuring protection of the environment.

Condition 10 Monitoring

- 10.1 The licensee shall carry out such sampling, analyses, measurements, examinations, as set out in Schedules:-

Schedule 2(ii) Waste Monitoring,

Schedule 3(i) Surface Water Discharge Monitoring,

Schedule 3(ii) Soil Monitoring,

of this licence.

- 10.2 The licensee shall install and maintain a water meter on all water supplies serving the pig unit within six months from the date of grant of this licence. Records of water usage shall be maintained on site and a summary records report shall be submitted annually as part of the AER.

- 10.3 The frequency, methods and scope of monitoring, sampling and analyses, as set out in this licence, may be amended with the written agreement of the Agency following evaluation of test results. The licensee shall install on all emission points such sampling points or equipment, as may be required by the Agency. All such equipment shall be consistent with the safe operation of all sampling and monitoring systems.

- 10.4 The licensee shall provide safe and permanent access to the following sampling and monitoring points:

10.4.1 Waste storage areas on-site,

10.4.2 Surface water discharge points,

and safe access to any other sampling and monitoring points required by the Agency.

Reason: To ensure compliance with the requirements of other conditions of this licence by provision of a satisfactory system of measurement and monitoring of emissions.

Condition 11 Recording and Reporting to Agency

- 11.1 The licensee shall record all sampling, analyses, measurements, examinations and maintenance carried out in accordance with the requirements of this licence.

- 11.2 The licensee shall record all incidents which affect the normal operation of the activity and which may create an environmental risk.

- 11.3 The licensee shall record all complaints of an environmental nature related to the operation of the activity. Each such record shall give details of the date and time of the complaint, the name of the complainant and give details of the nature of the complaint. A record shall also be kept of the response made in the case of each complaint. The licensee shall submit a report to the Agency, bi-monthly, giving details of any complaints which arise. A summary of the number and nature of complaints received shall be included in the AER.
- 11.4 The format of all records required by this licence shall be to the satisfaction of the Agency. Records shall be retained on-site for a period of not less than seven years and shall be available for inspection by the Agency at all reasonable times.
- 11.5 Reports of all recording, sampling, analyses, measurements, examinations, as set out in *Schedule 4(i) Recording and Reporting to the Agency* in this licence, shall be submitted to the Agency's Office of Environmental Enforcement, McCumiskey House, Richview, Clonskeagh Road, Dublin 14, or any other named Regional Office as requested. The format of these reports shall be to the satisfaction of the Agency. One original and two copies shall be submitted as and when specified.
- 11.6 All reports shall be certified accurate and representative by the licensee or other senior officer designated by the licensee.
- 11.7 All written procedures controlling operations affecting this licence shall be available on-site for inspection by the Agency at all reasonable times.
- 11.8 The frequency and scope of reporting, as set out in this licence, may be amended by the Agency following evaluation of test results.

Reason: To provide for the collection and reporting of adequate information on the activity.

Condition 12 Accident and Emergency Response

- 12.1 The licensee shall ensure, within six months of the date of grant of this licence, that an Accident and Emergency Response Procedure is in place which shall address any accident and emergency situation which may originate on-site. This Procedure shall include provision for minimising the effects of any accident and emergency on the environment.

Reason: To provide for the protection of the environment.

Condition 13 Financial Provisions

13.1 Agency Charges

- 13.1.1 The licensee shall pay to the Agency an annual contribution of €3,263, or such sum as the Agency from time to time determines, having regard to variations in the extent of reporting, auditing, inspection, sampling and analysis or other functions carried out by the Agency, towards the cost of monitoring the activity as the Agency considers necessary for the performance of its functions under the Environmental Protection Agency Acts, 1992 and 2003. The first payment shall be a pro-rata amount for the period from the date of this licence to the 31st day of December, and shall be paid to the Agency within one month from the date of the licence. In subsequent years the licensee shall pay to the Agency such revised annual contribution as the Agency shall from time to time consider necessary to enable performance by the Agency of its relevant functions under the Environmental Protection Agency Acts, 1992 and 2003, and all such payments shall be made within one month of the date upon which demanded by the Agency.

13.1.2 In the event that the frequency or extent of monitoring or other functions carried out by the Agency needs to be increased the licensee shall contribute such sums as determined by the Agency to defraying its costs in regard to items not covered by the said annual contribution.

Reason: To provide for adequate financing for monitoring and financial provisions for measures to protect the environment.

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Schedule 1(i) Animal Numbers Housed at the Facility

Animal Class	Numbers ^{Note 1, 2}
Farrowing/Suckling Sows	150
Dry Sows	550
Malden Gilts	120
Boars	5
Weaners	2700
Finishers	2200

Note 1: This excludes suckling pigs maintained on site.

Note 2: The Agency may accept a 5% increase in the number of finishers for a period not exceeding 4 weeks twice annually. Any other variation in these numbers requires prior written agreement from the Agency.

Schedule 2(i) Wastes for Disposal/Recovery

Waste Materials	Further Treatment On-Site	On-site Recovery, Reuse or Recycling ^{Note 1}	Method of Off-Site Disposal
Veterinary Waste	None	None	To be agreed by the Agency
Animal tissue or carcasses	None	None	Agreed contractor
Fluorescent Tubes	None	None	To be agreed by the Agency
Domestic and canteen waste	None	None	Agreed disposal contractor
Animal slurry/manure	None	None	Landspreading
Other ^{Note 2}			

Note 1: The licensee may further treat, reuse, recycle or recover waste subject to the prior written agreement of the Agency.

Note 2: No other waste shall be disposed of or recovered off-site without prior notice to, and prior written agreement of the Agency.

Schedule 2(ii) Waste Monitoring

Waste Monitoring Reference(s): As labelled in Site Layout Attachment No. 5

Waste Materials	Frequency	Parameter	Waste Monitoring Reference
Slurry/Manure	Weekly	Available storage capacity.	Slurry storage tanks under the following houses: 5, 9, 10, 12 and over ground storage tank (Labelled 19).

Schedule 2(iii) Buffer Zones for Landspreading of Organic Waste

No organic waste shall be spread within the following buffer zones:

Area	Buffer zone (m)
Sensitive buildings (hospitals, schools and churches)	200
Dwelling houses	100 ^{Note 1}
Karst features	30
Lakes and main river channels	20
Small watercourses ^{Note 2}	10
Public Roads ^{Note 2}	10
Domestic wells ^{Note 2}	50
Public water supplies ^{Note 2 & Note 3}	300 m or 100 days travel time

Note 1: This distance may be decreased with the written consent of the occupier and prior written agreement by the Agency.

Note 2: The above distances to be increased if the gradient is greater than 6% (1:17).

Note 3: The appropriate distance depends on vulnerability and groundwater flow direction.

Schedule 2(iv) Code of Practice for Landspreading of Organic Waste^{Note 1}

Spreading shall not take place:
<ul style="list-style-type: none"> On wet or waterlogged ground. On frozen or snow covered ground. On exposed bedrock. Where surface gradients are excessive (preferably <18% (1:5)). On fields that display cracks over pipe or mole drainage systems. On fields that have been pipe or mole drained or subsoiled over a pipe or mole drainage system in the last 12 months. During November to February inclusive except with the agreement of the Agency. Outside daylight hours. In a manner which would have an adverse effect on a National Monument.
Loadings:
<ul style="list-style-type: none"> Regardless of the dilution factor, the maximum hydraulic loading per single application shall not exceed 25 m³ per hectare on shallow limestone soils and in no case shall exceed 50 m³ per hectare. Application of slurry/manure shall not be made on soils with a Morgan's P test in excess of 10 mg P/litre sampled to a depth of 10 cm.
Organic Waste application shall be in accordance with the following guidelines:
<ul style="list-style-type: none"> Landspreading on lands with extreme groundwater vulnerability ratings^{Note 2} would be considered Not Generally Acceptable. Application shall be made such that the rate of application of nitrogen from organic wastes does not exceed 250 kg N/ha per annum subject to statutory requirements. No application on tillage land left fallow for the winter. Landspreading shall be in accordance with the current Teagasc nutrient recommendations or the current Department of Agriculture and Food, REPS recommendations. No application when the risk of causing odour nuisance to the public is greatest e.g. Sundays or public holidays. No application during meteorological conditions which increase the risk of odour nuisance. No application where significant rain is forecast within 48 hours.

Note 1: This Code of Practice may be amended by the Agency as further environmental information becomes available.

Note 2: As defined in *Groundwater Protection Schemes*, DoELG/EPA/GSI joint publication 1999.

Schedule 3(i) Surface Water Discharge Monitoring

Emission Point Reference No's.:

SW1 (Storm water outfall at northern boundary of site)

Parameter	Monitoring Frequency	Analysis Method/Technique
Visual Inspection	Weekly	Not Applicable
COD or BOD	Quarterly	Standard Methods

Schedule 3(ii) Soil MonitoringMonitoring Point Reference No's. ^{Note 1,2}:

For all spreadlands utilised in this IPPC licence

Conditions	Monitoring frequency	Analysis Method/Technique ^{Note 4}
Where no soil test available	Within 12 months of grant of licence	Morgan's P Test ^{Note 3}
Where soil test ≤ 10 mg P/litre	Every 3 years	Morgan's P Test

Note 1: Additional sample monitoring locations may be required if the spreadlands are altered.

Note 2: Each sample shall be representative of a maximum area of 4 ha except where uniform cropping and landuse has been in place for the previous 5 years or more. In the latter situation a sample area of 12 ha is acceptable. Each sample shall be taken in accordance with the Teagasc soil sampling guidelines.

Note 3: M Peach & L English (1944) 'Rapid micro-chemical tests'. Soil Science 57: 167.

Note 4: Soil analysis shall only be conducted by the Department of Agriculture and Food approved laboratories.

Schedule 4(i) Recording and Reporting to the Agency

Completed reports shall be submitted to:

The Environmental Protection Agency
Office of Environmental Enforcement
McCumiskey House
Richview
Clonskeagh Road
Dublin 14

or Any other address as may be
specified by the Agency

Reports are required to be forwarded as set out below:

Recurring Reports:

Report	Reporting Frequency	Report Submission Date
Slurry/manure register	Bi-Monthly	Ten days after end of the two months being reported on.
Complaints (where they arise)	Bi-Monthly	Ten days after end of the two months being reported on.
Nutrient Management Plan	Annually	By the 1 st of February annually.
Annual Environment Report (AER)	Annually	By February 1 st , 2006 and each year thereafter.
Tank and pipeline assessment and inspection programme	Every 5 years	Within six months from the date of grant of licence; thereafter as part of the AER.

Annual Environmental Report Content
Waste Management Report (arising from Condition 5) including details of the Waste Management Record, Waste Monitoring (Available slurry/manure storage capacity), and Slurry/Manure Register.
Water use monitoring
Feed composition and usage
Nutrient Management Plan
Ambient soil monitoring report
Surface water discharge monitoring
Tank and pipeline assessment and inspection report (Every five years)
Bund Inspection test (Every five years)
Reported incidents summary
Complaints summary
Investigate options for covering open slurry tanks, in order to minimise rainwater ingress and NH ₃ volatilisation.
Energy efficiency audit (when required)

Once-off Reports:

Report	Report Submission Date
Odour management Programme	Within twelve months of date of grant of licence
Report on Installation of protective bund/wall	Within six months of date of grant of licence

Signed on behalf of the Agency

Dara Lynott

Director/Authorised Person

Dated this 20th day of January 2005.

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Attachment No. B7

**Copy of Site Notice.
Map showing Location of Site Notice
Copy of Newspaper Advertisement
Copy of Notification to Local Authority**

*For inspection purposes only.
Consent of copyright owner required for any other use.*

CLW Environmental Planners Ltd.

The Mews,
23 Farnham Street,
Cavan,
Co. Cavan

Phone: 049-4371447/9
Fax: 049-4371451
E-mail: mews@iol.ie

Planning Department
Monaghan County Council,
County Offices,
The Glen,
Monaghan
Co. Monaghan.

7th April 2010

Re: APPLICATION TO THE ENVIRONMENTAL PROTECTION AGENCY FOR A REVIEW OF I.P.P.C. LICENCE REG. NO. P0696-01

Dear Sir/Madame,

Notice is hereby given in accordance with the E.P.A. Acts 1992 to 2007, that Jim and Mark Wright (t/a JMW Farms), 52 Cortynan Road, Tynan, Co. Armagh, BT60 4QZ intend to apply to the Environmental Protection Agency (E.P.A.) for a review of the existing Integrated Pollution Prevention and Control (I.P.P.C.) Licence (Licence Reg. No. P0696-01) for their pig farm at Crosses, Monaghan, Co. Monaghan. National Grid Reference E270342 N331030.

This enterprise is classed as:

Activity Class 6.2, "The rearing of pigs in an installation, whether within the same complex or within 100 metres of the same complex, where the capacity exceeds 750 places for sows in a breeding unit", where a breeding unit "means a piggery in which pigs are bred and reared up to 30kg in weight".

An Environmental Impact Statement relating to this activity, which has previously been submitted to Monaghan County Council, will be submitted to the Agency as part of this application.

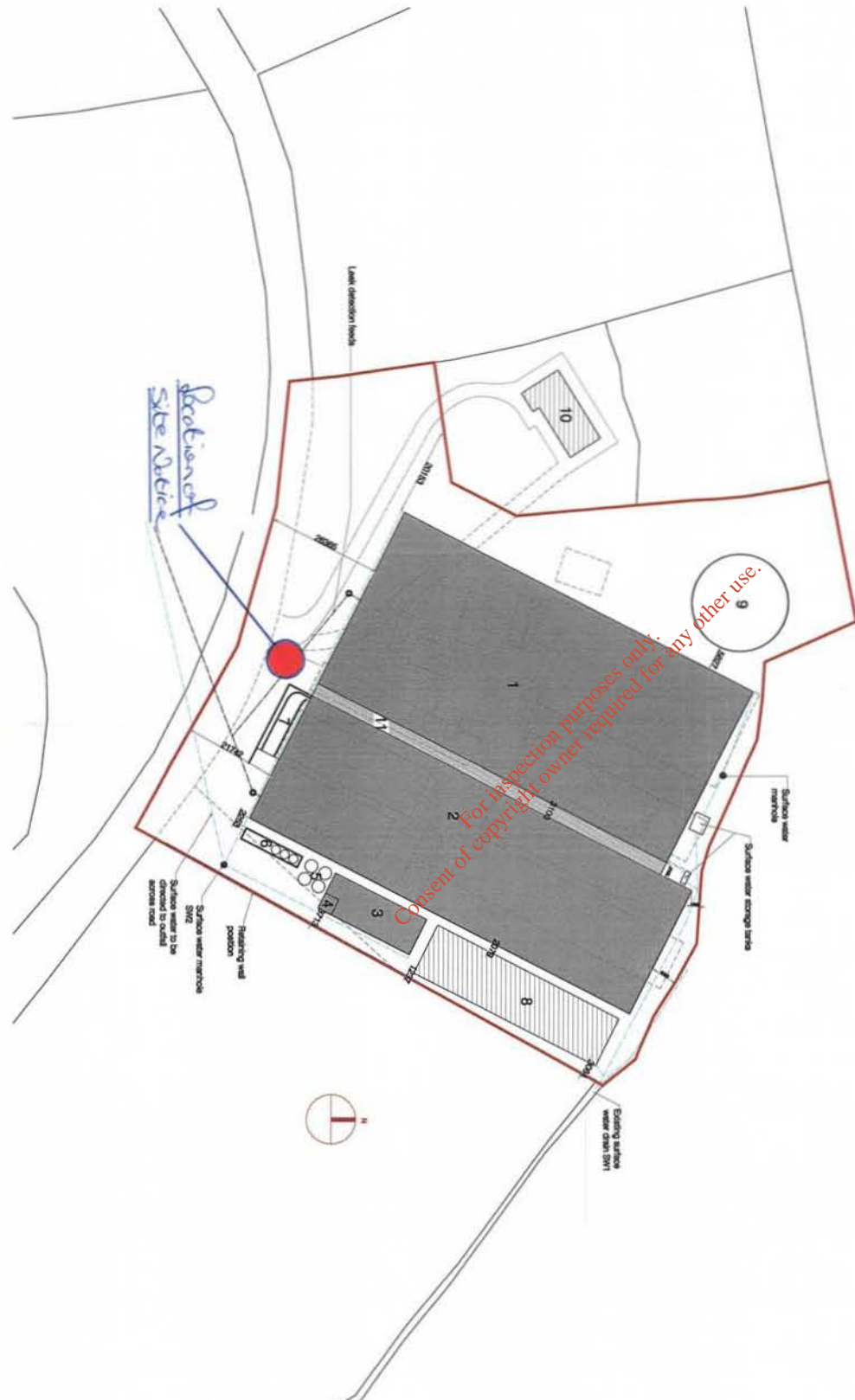
A copy of this application for an IPPC Licence, including the Environmental Impact Statement, and such further information relating to the application as may be furnished to the Agency in the course of the Agency's consideration of the application will, as soon as practicable after receipt by the Agency, be available for inspection or purchase at the Headquarters of the Agency (Tel: Lo-call 1890 33 55 99 or 053-9160600).

Should you have any queries in relation to this, or, require any further information please do not hesitate to contact me at the above number.

Yours Faithfully,


Paraic Fay B.Agr.Sc.

NO.	DESCRIPTION
1	IMPREGG. SANDST. AND PETS.
2	IMPREGG. SANDST. AND WOODS.
3	IMPREGG. LHM. EXTENS. MATERIALS
4	IMPREGG. LHM. EXTENS. MATERIALS
5	IMPREGG. LHM. EXTENS. MATERIALS
6	IMPREGG. LHM. EXTENS. MATERIALS
7	IMPREGG. LHM. EXTENS. MATERIALS
8	IMPREGG. LHM. EXTENS. MATERIALS
9	IMPREGG. LHM. EXTENS. MATERIALS
10	IMPREGG. LHM. EXTENS. MATERIALS
11	IMPREGG. LHM. EXTENS. MATERIALS



SITE PLAN
Scale 1:500

2113933 or 087 1246532.
FOR SALE - Pug Cross Pomeranian, beautiful little pups, wormed and inoculated, ready to go, parents can be seen. ☎ 087 2113933 or 087 1246532.

FOR SALE - Golden Labrador up same as one on Andrex advert, wormed inoculated, reg IKC, microchipped, ready to go, parents can be seen. ☎ 087 2113933 or 087 1246532.

FOR SALE - Boxer/Alsation cross-pups. ☎ 087 6358058.

LIVESTOCK

FOR SALE
P.B.R. CHAROLAIS BULLS
 Tel: 042 9667566
 or 087 2459872

FOR SALE
LIMOUSIN BULL & HEIFER CALVES
 Tel: 086 8225892

CARS FOR SALE

FOR SALE - 02 Opel Astra, 42,000 miles, NCT to Nov. 2010, taxed to July 2010, P.M.O. ☎ 086 4032599.

FOR SALE - 2003 Nissan Primera, metallic blue, 1.6 petrol, NCT to 01/11, alloys, climate control, e/w, ABS, CD player with built in reversing camera, journey computer, very good condition, €3,500 o.n.o., Monaghan. ☎ 047 88412 or 087 7503151.

FOR SALE
2002 TOYOTA COROLLA 1.4
 77,000 miles, NCT-Aug. 2010, silver, excellent condition, €4,500 o.n.o.
 Tel: 047 51843

FOR SALE
05 FORD GALAXY 1.9 ZETEC
 129k, diesel, silver, 7 seater, air condition, breaking sensor, CD, NCT to Jan. 2011, taxed to end of June, 1 owner from new, v.g.c., Monaghan area, price €11,000 o.n.o.
 Tel: 086 8610383

FOR SALE
2005 Vauxhall Vectra SRI
 CDTI 120 BHP, excellent condition, 83,000 miles, taxed and MOT'd, €5,500 o.n.o.
 Tel: 0044 77 70597486

FOR SALE
04 FORD TRANSIT 280
 Rear Wheel Drive tested
 Tel: 087 2738132

April
Happy Birthday
Jean



LORDY LORDY
Look Who's 40
 and Still Pulling The Chicks"



"SUITS YOU"
HAPPY 21ST LEGGY

ARE YOU HAVIN A PARTY?
 Marquee Hire
 DJ's
 Catering
 No: 087 9586132
FOR ALL YOUR PARTYING NEEDS
 havinaparty.ie

PUBLIC NOTICES

I, Gaurav Barot of 61 Rockfield Manor, Hoey Lane, Dundalk, Co. Louth wish to apply for a certificate of suitability of premises and personal fitness certificate at the junction of Mullinary Road, Carrickmacross, Co. Monaghan.

THANKS
 I would like to express my sincere thanks to the person who found and returned my driving licence in the post.
 Sincere Thanks
 Mary McCaffrey

Monaghan
 Co Monaghan

District Court Clerk,
 Teach O'Claircin,
 Old Cross Square,
 Monaghan
 Co. Monaghan

"APPLICATION TO THE ENVIRONMENTAL PROTECTION AGENCY FOR A REVIEW OF AN I.P.P.C LICENCE"

Notice is hereby given in accordance with the E.P.A. Acts 1992 to 2007, that Jim and Mark Wright (t/a JMW Farms), 52 Cortynan Road, Tynan, Co. Armagh, BT60 4QZ intend to apply to the Environmental Protection Agency (E.P.A.) for a review of the existing Integrated Pollution Prevention and Control (I.P.P.C.) Licence (Licence Reg. No. P0696-01) for their pig farm at Crosses, Monaghan, Co. Monaghan. National Grid Reference E270342 N331030.

This enterprise is classed as:

Activity Class 6.2, "The rearing of pigs in an installation, whether within the same complex or within 100 metres of the same complex, where the capacity exceeds 750 places for sows in a breeding unit or where a breeding unit means a piggery in which pigs are bred and reared up to 30kg in weight".

An Environmental Impact Statement relating to this activity, which has previously been submitted to Monaghan County Council, will be submitted to the Agency as part of this application.

A copy of this application for an IPPC Licence, including the Environmental Impact Statement, and such further information relating to the application as may be furnished to the Agency in the course of the Agency's consideration of the application will, as soon as practicable after receipt by the Agency, be available for inspection or purchase at the Headquarters of the Agency (Tel: Lo-call 1890 33 55 99 or 053-9160600).

Signed:
Paraic Fay,
C/o C.L.W.
Environmental Planners Ltd.,
The Mews, 23 Farnham St.,
Cavan.

SAFE PASS

Wed. 21st April - Castleblayney.
 Contact: FRS Training Ltd.
 www.frstraining.com
 Contact Anita on
 071 9663952 or
 087 6411240

reasonable cost of making a copy from the planning department of Monaghan County Council at the Glen Road, Monaghan. Open hours 9.15 to 5.15 Monday to Friday (excluding Bank Holidays)

A submission or observation in relation to this application can be made to the above planning authority in writing on payment of the prescribed fee within the period of five weeks beginning on the date of receipt of this application by the planning authority.

Niall Mc Kenna B Sc Eng.

Monaghan County Council

Castleblayney Faughs G.F.C. is applying to the above named authority for full planning permission to carry out the following works:-

- Erect new covered spectator stand and storage rooms
 - Retain existing floodlighting to main playing pitch
 - Upgrade existing main playing pitch and construct new perimeter running track
 - New covered disability spectator viewing area
 - All other ancillary site works
- At St. Mary's GAA Park, Connabury Td., Castleblayney, Co. Monaghan
Signed: C.S. Pringle Ltd, Consulting Engineers, Design Consultants, Building Surveyors, Fire Engineers, Monaghan Road, Castleblayney, Co. Monaghan
 Tel. 042-9746492 Fax 042-9746511

Monaghan County Council

Aidan and Niamh Brannigan are applying to the above named planning authority for planning permission to erect a single storey extension to the side of their existing dwelling-house and all ancillary site works at Annagh, Annayalla, Castleblayney, Co. Monaghan.

The planning application may be inspected or purchased, for a fee not exceeding the reasonable cost of making a copy, at the Offices of Monaghan County Council, The Glen, Monaghan, Co. Monaghan during its opening hours.

A submission or observation in relation to the above planning application can be made in writing to Monaghan County Council on payment of €20 within a period of five weeks beginning on the date of receipt by the Planning Authority of this Planning Application.

Louth County Council

Martin Mc Eaney, intend to apply for retention permission for a development at Rosslogh, Inniskeen, Dundalk, Co. Louth. The development consists of Agricultural Sheds.

This planning application may be inspected or purchased at a fee not exceeding the reasonable cost of making a copy at the offices of the planning authority at Louth County Council, Planning Section, County Hall, Millennium Centre, Dundalk, County Louth, Telephone 042 9335457 during working hours.

A submission or observation in relation to the application may be made in writing to the planning authority on payment of the prescribed fee within a period of 5 weeks beginning on the date of receipt by the Planning Authority of the application.

Signed: Finegan Jackson & Associates
Architects, Engineers, Surveyors, The Stables, Drumconrath Road, Carrickmacross Co. Monaghan

**“APPLICATION TO THE ENVIRONMENTAL PROTECTION
AGENCY FOR A REVIEW OF AN I.P.P.C LICENCE”**

Site Notice

Notice is hereby given in accordance with the E.P.A. Acts 1992 to 2007, that Jim and Mark Wright (t/a JMW Farms), 52 Cortynan Road, Tynan, Co. Armagh, BT60 4QZ intend to apply to the Environmental Protection Agency (E.P.A.) for a review of the existing Integrated Pollution Prevention and Control (I.P.P.C.) Licence (Licence Reg. No. P0696-01) for their pig farm at Crosses, Monaghan, Co. Monaghan. National Grid Reference E270342 N331030.

This enterprise is classed as:

Activity Class 6.2, “ The rearing of pigs in an installation, whether within the same complex or within 100 metres of the same complex, where the capacity exceeds 750 places for sows in a breeding unit ”, where a breeding unit “means a piggery in which pigs are bred and reared up to 30kg in weight”.

An Environmental Impact Statement relating to this activity, which has previously been submitted to Monaghan County Council, will be submitted to the Agency as part of this application.

A copy of this application for an IPPC Licence, including the Environmental Impact Statement, and such further information relating to the application as may be furnished to the Agency in the course of the Agency’s consideration of the application will, as soon as practicable after receipt by the Agency, be available for inspection or purchase at the Headquarters of the Agency (Tel: Lo-call 1890 33 55 99 or 053-9160600).

Signed:  (on behalf of applicant)

Paraic Fay B.Agr.Sc.
C/o C.L.W. Environmental Planners Ltd.,
The Mews,
23 Farnham St.,
Cavan.

Date of erection of Site Notice: 7th April 2010

Attachment No. D1

Site Layout Plan

For inspection purposes only.
Consent of copyright owner required for any other use.

SITE PLAN
Scale 1:300



For information purposes only.
Consent of copyright owner required for any other use.

NO	DESCRIPTION
1	EXISTING SURFACE WATER MAIN
2	EXISTING SURFACE WATER MAIN
3	EXISTING SURFACE WATER MAIN
4	EXISTING SURFACE WATER MAIN
5	EXISTING SURFACE WATER MAIN
6	EXISTING SURFACE WATER MAIN
7	EXISTING SURFACE WATER MAIN
8	EXISTING SURFACE WATER MAIN
9	EXISTING SURFACE WATER MAIN
10	EXISTING SURFACE WATER MAIN
11	EXISTING SURFACE WATER MAIN

Attachment No. E2

Storm water drainage plan.

For inspection purposes only.
Consent of copyright owner required for any other use.

SITE PLAN
Scale 1:500



For inspection purposes only.
Consent of copyright owner required for any other use.

NO.	DESCRIPTION
1	PROPOSED SUBJECT WITH THIS PLAN
2	EXISTING BUILDING
3	EXISTING DRIVE
4	EXISTING DRIVE
5	EXISTING DRIVE
6	EXISTING DRIVE
7	EXISTING DRIVE
8	EXISTING DRIVE
9	EXISTING DRIVE
10	EXISTING DRIVE
11	EXISTING DRIVE

Attachment No. E3

Information required as per I.F.A. /E.P.A. Agreement.

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CLW Environmental Planners Ltd.

The Mews,
23 Farnham Street,
Cavan,
Co. Cavan

Phone: 049-4371447/9
Fax: 049-4371451
E-mail: mews@iol.ie

Office of Licensing Climate and Resource Use,
Environmental Protection Agency,
P.O. Box 3000,
Johnstown Castle Estate,
Co. Wexford

7th April 2010

Re: Mr. Jim & Mark Wright (T/A JMW Farms) ~ Fertiliser Plan 2010

Dear Sir/Madame,

I refer to the attached customer list submitted on behalf of the above mentioned client.

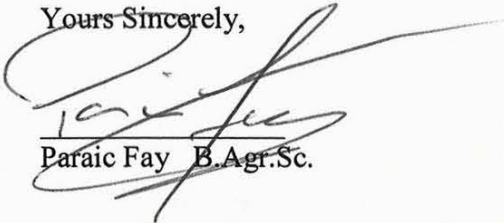
The fertiliser plans for all farms referenced in the customer list have been completed on the basis of the most recent, N and P statement/other information such as stock numbers and REPS plan information provided by the customer farmer and/or, a combination of these where applicable, in line with the requirements of S.I. 101 of 2009. This list may be revised with new customers/updated information throughout 2010.

The customer list outlines all the required summary details and any additional information required as per the I.F.A. / E.P.A. agreement will be maintained on site.

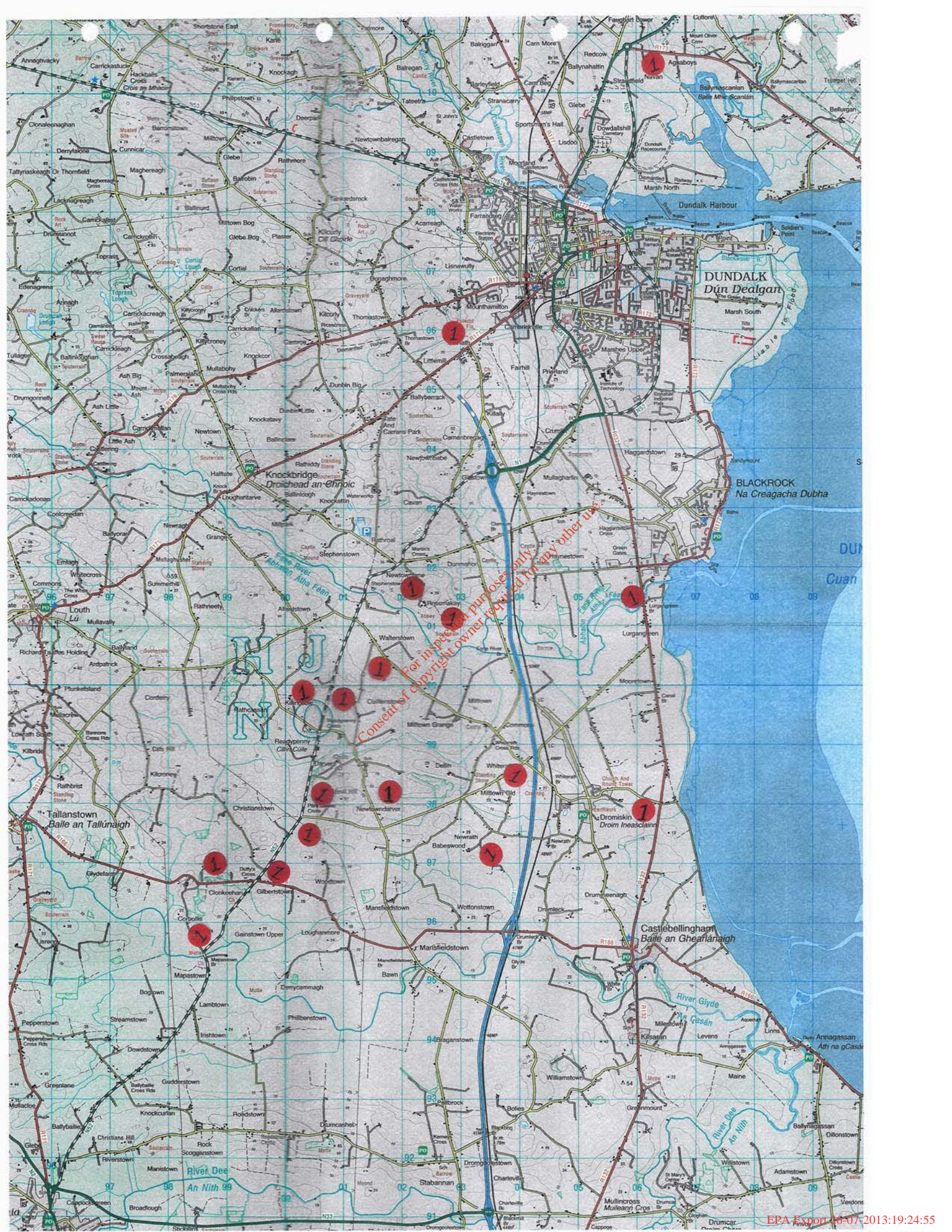
In my professional opinion animal manure may be used to fertilise these farmland areas and the application of organic fertiliser from this farm to these customer farmers, in the quantities identified, and in a manner that complies with the code of good agricultural practice and European Communities (Good Agricultural Practice for Protection of Waters) Regulations, 2009 (S.I. No. 101 of 2009) will not cause and is not likely to cause significant environmental pollution.

Should you require any additional information please do not hesitate to contact me.

Yours Sincerely,



Paraic Fay B.Agr.Sc.



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Attachment No. L

Application form Re: Transfer of I.P.P.C. Licence.

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Licensing

Transfer of a Licence Application Form

This document does not purport to be and should not be considered a legal interpretation of the provisions and requirements of the Waste Management Acts, 1996 to 2003 / Environmental Protection Agency Acts 1992 & 2003.

Environmental Protection Agency
P.O. Box 3000, Johnstown Castle, County Wexford
Telephone: 053-60600 Fax: 053-60699



Transfer of Licence Application Form

Notwithstanding the provisions of Section 47 of the Waste Management Acts 1996 to 2003 or Section 94 of Environmental Protection Agency Acts 1992 & 2003 the following should be completed when applying to the Agency for the transfer of a Waste or IPPC Licence.

Licence Register Number	P0696-01
Contact details for a contact person or persons in relation to the application to transfer.	Paraic Fay B.Agr.Sc., C/O C.L.W. Environmental Planners Ltd., The Mews, 23 Farnham St., Cavan
Location of activity to which the licence relates	Crosses, Monaghan, Co. Monaghan
Name address and contact details of current licence holder	Mr. John Erskine, Crosses, Monaghan, Co. Monaghan
Name address and contact details of proposed transferee	Mr. Jim & Mark Wright T/A JMW Farms 52 Cortynan Road, Tynan, Co. Armagh. BT60 4QZ,
When do the applicants want the transfer to take effect?	
Classes / Nature of Activity	Class 6.2 The rearing of Pigs

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Transfer of Licence Application Form

<p>Attachment A: Licence</p>	<p>Please provide as Attachment A (as per Section 47(3) of the Waste Management Acts 1996 to 2003 / Section 94 (3) of the Protection of the Environment Acts 1992 and 2003) a copy of the licence you wish to transfer.</p> <p>(Please refer to Attachment No. B5 of this I.P.P.C. Licence Review Application)</p>
<p>Attachment B:</p>	<p>Please provide as Attachment B the following as appropriate:</p> <p>(a) Certified Copy of Certificate of Incorporation (b) Company's Number in Company's Registration Office and (c) Particulars of Registered Office of the Company</p> <p><i>Does the proposed transferee have a parent company? If so please provide details here. Does the proposed transferee have any subsidiaries involved in the industrial installation or waste facility management? If so please give details here.</i></p> <p>Not Applicable</p>
<p>Attachment C: Fit and Proper Person</p>	<p>The following information is required (please provide the information below or separately as Attachment C):</p> <ol style="list-style-type: none">1. Indicate whether the applicant or other relevant person has been convicted under the PoE Act, the Waste Management Act 1996, the Local Government (Water pollution) Acts 1977 and 1990 or the Air Pollution Act 1987.2. Provide details of the applicant's technical knowledge and/or qualifications, along with that of other relevant employees (see details below).3. Provide information to show that the person is likely to be in a position to meet any financial commitments or liabilities that may have been or will be entered into or incurred in carrying on the activity to which the application relates or in consequence of ceasing to carry out that activity.



Transfer of Licence Application Form

	<p>In relation to Question 2 above please give details here for each person who will or is likely to have responsibility for licensed activities, to include:</p> <ul style="list-style-type: none">a) the names of all persons who are to provide the management and supervision of the activities authorised by the licence, in particular the name of the facility manager and any nominated deputies;b) details of the responsibilities for each individual named under a) above; andc) details of the relevant education, training and experience held by each of the persons nominated under a) above. <p>(Please refer to Section L of this I.P.P.C. Licence Review Application)</p>
<p>Attachment D: Liabilities, requirements & obligations</p>	<p>Please provide a statement to show that the person to whom a licence is transferred has assumed and accepted all liabilities, requirements and obligations provided for in or arising under the licence, or revised licence, regardless of how and in respect of what period, including a period prior to the transfer of the licence or revised licence they may arise.</p>
<p>Attachment E: Transferee Licence details</p>	<p>Has the proposed transferee, their parent company or any 'relevant person' had an application for a licence granted? Please provide details here or separately as Attachment E.</p> <p>Has the proposed transferee, their parent company or any 'relevant person' had an application for a licence rejected; had a licence revoked; been refused as a transferee for a licence? Please provide details here or separately as Attachment E.</p> <p>Not Applicable</p>
<p>Attachment F: Estimated Expenditure & Financial Provisions</p>	<p>Please provide, as attachment F, a plan showing the estimated expenditure for each phase of the activity/activities. The plan should include the likely costs of:</p> <ul style="list-style-type: none">(i) Abatement Installation, Control & Monitoring(ii) Closure & Remediation of the site(iii) Clean-up following a plausible accident/incident(iv) Long-term aftercare for residual environmental liabilities. <p>The Plan should include a statement or details of provisions made for the underwriting of these costs/liabilities.</p> <p>N/A</p>



Transfer of Licence Application Form

Application Fee	To ensure that your application is valid and can be processed please submit payment of one of the following amounts with your application to transfer the licence; Waste Licence Transfer Application -€5,000 IPPC Licence Transfer Application - €2,000
------------------------	--

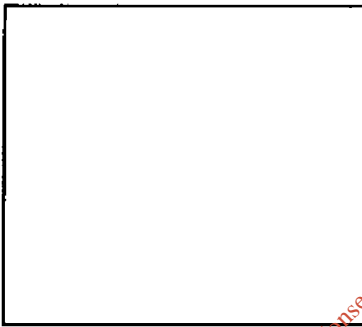
We, the undersigned, are applying to the Environmental Protection Agency, as per ~~Section 47 of the Waste Management Acts 1996 to 2003 (Waste Transfer)~~ / Section 94 of the Environmental Protection Agency Acts 1992 & 2003 (IPPC Transfer) for the transfer of licence no P0696-01 from Mr. John Erskine to **Mr. Jim and Mark Wright t/a JMW Farms**.

Signed: _____
Licensee

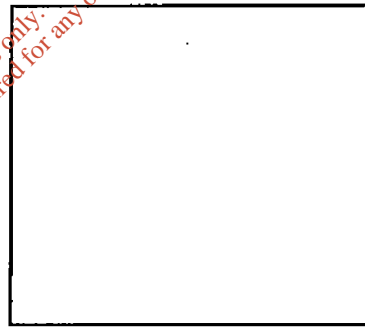
Signed : _____
Proposed Transferee

Date: _____

Date: _____



Company Seal



Company Seal

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Additional Information

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Consent of copyright owner required for any other use.

Slurry Storage Capacity				
House Ref. No.	Gross Slurry Storage (M³)	Overall Tank Depth	Freeboard m	Net Slurry Storage (m3)
1	3,617.61	0.90	0.2	2,814
2	7,579.79	2.40	0.2	6,948
8	775.00	1.60	0.2	678
External Slatted Passageways	123.8	0.45	0.3	41
Total	12096.2			10,481.23
Proposed Annual slurry Production =				10,857.60
Proposed Available Slurry Storage Capacity (months) =				11.58
<p>Note 1: A freeboard allowance of 200mm on roofed slatted tanks and 300mm on open tanks in accordance with S.I. 101 of 2009, has been allowed.</p>				

TABLE E.2(i): UNCONTAMINATED EMISSIONS TO SURFACE WATERS
(One page for each emission)

Emission Point:

Surface Water

Emission Point Ref. N ^o :	<u>SW - 1</u>
Source of Emission:	<u>Uncontaminated roof water and clean yard run off</u>
Location :	<u>North East Corner of Site</u>
Grid Ref. (10 digit, 5E,5N):	<u>270458, 331015</u>
Name of receiving waters:	<u>Tributary of Monaghan Blackwater</u>

Emission Point:

Surface Water

Emission Point Ref. N ^o :	<u>SW - 2</u>
Source of Emission:	<u>Uncontaminated roof water and clean yard run off</u>
Location :	<u>South East Corner of Site</u>
Grid Ref. (10 digit, 5E,5N):	<u>270405, 330927</u>
Name of receiving waters:	<u>Tributary of Monaghan Blackwater</u>

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TABLE E.2(i): UNCONTAMINATED EMISSIONS TO SURFACE WATERS

(One page for each emission)

Emission Point:

Leak Detection

Emission Point Ref. N ^o :	<u>LD - 1</u>
Source of Emission:	<u>Leak Detection Monitoring Chambers</u>
Location :	<u>To the front of New Pig House No. 1</u>
Grid Ref. (10 digit, 5E,5N):	<u>To Be Determined</u>
Name of receiving waters:	<u>Tributary of Monaghan Blackwater</u>

Emission Point:

Leak Detection

Emission Point Ref. N ^o :	<u>LD - 2</u>
Source of Emission:	<u>Leak Detection Monitoring Chambers</u>
Location :	<u>To the front of New Pig House No. 2</u>
Grid Ref. (10 digit, 5E,5N):	<u>To Be Determined</u>
Name of receiving waters:	<u>Tributary of Monaghan Blackwater</u>

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TABLE E.3(i): UNCONTAMINATED EMISSIONS TO GROUND
(1 Page for each emission point)

Emission Point or Area:

Emission Point/Area Ref. N ^o :	N/A
Emission Pathway: (borehole, well, percolation area, soakaway, landspreading, etc.)	
Location :	
Grid Ref. (10 digit, 5E,5N):	
Aquifer classification for receiving groundwater body:	
Groundwater vulnerability assessment (including vulnerability rating):	
Identity and proximity of groundwater sources at risk (wells, springs, etc):	
Identity and proximity of surface water bodies at risk:	

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TABLE F.1(i) : EMISSIONS MONITORING AND SAMPLING POINTS - (1 table per monitoring point)

Emission Point Reference No. : Not applicable

Parameter	Monitoring frequency	Accessibility of Sampling Points	Sampling method	Analysis method/ technique
SW - 1	Weekly	Accessible	Visual	Volour/Odour
	Quarterly		Sampling	BOD / COD
SW - 2	Weekly	Accessible	Visual	Volour/Odour
	Quarterly		Sampling	BOD / COD

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TABLE H.1(i) WASTE - Waste Recovery/Disposal

Waste material	EWC Code	Hazardous(H) /Other Waste (O)	Main source ¹	Quantity		On-site recovery/disposal ² (Method & Location)	Off-site Recovery, reuse or recycling (Method, Location & Undertaker)	Off-site Disposal (Method, Location & Undertaker)
				Tonnes / month	m ³ / month			
Domestic Refuse / Mixed Wastes	20 03 01	0	Work areas		Variable		Recyclable material brought to Monaghan Co. Co. Civic Amenity Centre by or on behalf of the applicant	Non- Recyclable material brought to Monaghan Co. Co. Landfill by or on behalf of the applicant
Vet Waste containers	18 02 02	H	Vet, Animal Houses	c. 0.075 0.15				Disposed of By specialist contractor such as SRCL Ltd.
Animal Tissue Waste	02 01 02	0	Pig Houses	c.30 – 50 T			Rendering	College Proteins Ltd.
Fluorescent Tubes	20 01 21	H	Light throughout unit		25 - 50 / annum			Return to Supplier and/or Civic Amenity Centre

- 1 A reference should be made to the main activity/ process for each waste.
- 2 The method of disposal or recovery should be clearly described and referenced to Attachment H.1

Table I.2(i) GROUNDWATER QUALITY

(Sheet 1 of 2) Monitoring Point/ Grid Reference:

Parameter	Results (mg/l)				Sampling method (composite etc.)	Normal Analytical Range	Analysis method / technique
Ammoniacal nitrogen NH ₄ -N							
Nitrate							
Faecal coliforms (/100mls)							
Total coliforms (/100mls)							
Water level (m OD)							
Phosphate PO ₄							
Faecal coliforms (/100mls)							
Total coliforms (/100mls)							
Water level (m OD)							

TABLE I.2(ii): LIST OF OWNERS/FARMERS OF LAND

Land Owner	Townlands where landspreading	Map Reference	Fertiliser P requirement for each farm
	<u>Not applicable</u>		*NMP must take account of on-farm slurry

Total P requirement of the client List _____

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TABLE I.2(iii): LANDSPREADING

Land Owner/Farmer Not applicable

Map Reference _____

Field ID	Total Area (ha)	(a) Usable Area (ha)	Soil P Test Mg/l	Date of P test	Crop	P Required (kg P/ha)	Volume of On-Farm Slurry Returned (m ³ /ha)	Estimated P in On-Farm Slurry (kg P/ha)	(b) Volume to be Applied (m ³ /ha)	P Applied (kg P/ha)	Total Volume of imported slurry per plot (m ³)

TOTAL VOLUME THAT CAN BE IMPORTED ON TO THE FARM.

Concentration of P in landspread material	- kg P/m ³
Concentration of N in landspread material	- kg N/m ³