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Groarke & Partners

SOLICITORS

32 / 33 MAIN STREET
LONGFORD

When calling please ask for ..... *Email:* .....

Your Ref: P0710-02 **Our Ref: P/M/T** **Date: February 24th 2010**

Frank Clinton Esq
Programme Manager – Environmental Licensing Programme
Environmental Protection Agency
Headquarters, PO Box 3000
Johnstown Castle Estate
CO. WEXFORD

RE: Our Client: Paul Tully
Moate Pig Unit, Ballinakill, Portlaoise, Co.Laois

Dear Mr. Clinton,

We now act on behalf of Mr. Paul Tully of Moate Pig Unit, Ballinakill, Portlaoise, Co. Laois.

With this letter, our client is submitting a fresh application for an IPPC licence to the EPA which, as you will see, contains the additional information and data required by the EPA.

The additional information and data is being provided by our client at this time so as to be co-operative with the EPA in the process but they are being furnished without prejudice to and strictly reserving our client's position, as previously stated, that the obligation on an applicant for an IPPC licence is to comply with S.I. 101 of 2009 (*the Nitrates Regulations)* and that there is no statutory or regulatory basis for the EPA imposing additional obligations in that regard on applicants for IPPC licences.

The information and data is also being furnished without prejudice to the ongoing discussions between the IFA Pigs & Pig Meat Committee and the EPA on that whole issue.

Yours faithfully,

GROARKE & PARTNERS
PJPG/J:

Integrated Pollution Prevention and Control Licensing

Application Form
Pig & Poultry Sector

EPA Reg. N^{o}:
(Office use only)

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 : 053-9160600 Fax : 053-9160699

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 <u>strongly</u> 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** ✓	**Official** ☐

(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** ✓	**Official** ☐

(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** ✓	**Official** ☐

(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** ✓	**Official** ☐

(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** ✓	**Official** ☐

(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** ✓	**Official** ☐

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

LOCATION	Section D	
CHECKED	**Applicant** ✓	**Official** ☐

(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** ✓	**Official** ☐

(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** ✓	**Official** ☐

(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** ✓	**Official** ☐

(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** ✓	**Official** ☐

(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** ✓	**Official** ☐

(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** ✓	**Official** ☐

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

LOCATION	Section I.3	
CHECKED	**Applicant** ✓	**Official** ☐

(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** ✓	**Official** ☐

(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**	**Official** ☐

(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** ✓	**Official** ☐

(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** ✓	**Official** ☐

(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** ✓	**Official** ☐

(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** ✓	**Official** ☐

(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** ✓	**Official** ☐

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** ✓	**Official** ☐

(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** ✓	**Official** ☐

(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** ✓	**Official** ☐

(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** ✓	**Official** ☐

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

LOCATION	Attachment B.7	
CHECKED	**Applicant** ✓	**Official** ☐

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

LOCATION	Attachment E	
CHECKED	**Applicant** ✓	**Official** ☐

(iv) monitoring and sampling points, and

LOCATION	Attachment F.2	
CHECKED	**Applicant** ✓	**Official** ☐

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

LOCATION		
CHECKED	**Applicant** ✓	**Official** ☐

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** ✓	**Official** ☐

CD version PROVIDED Y/N	Yes	
CHECKED	**Applicant** ✓	**Official** ☐

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 Nº A.1**

Attachment No A.1

Non-Technical Summary of the IPPC Licence Application.

The activity on the site is the rearing of pigs in a licensable installation. The area of the site on which the activity is based is about 1.1 ha. It is in a rural area. The installation comprises animal houses (7,877 m^2), manure collection and storage tanks (8,246 m^3) for a 650 integrated sow unit (ie. rearing pigs from birth to slaughter) and 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 breeding and rearing pigs for sale off the site for processing into human food by the pork/bacon industry. The farm has capacity to accommodate up to 650 sows and their progeny and to feed the progeny to bacon weight. While production on the site is continuous, the presence of operative staff and deliveries / collections are normally between 6.00 and 20.00 hours.

The principal inputs are pig feed (e.g. cereals, soya protein), water, veterinary medicines and a modest amount of energy (kerosene is used for heat pads etc on this unit) for heating and electricity for running lights and mechanical ventilation systems.
Pig feed is acquired from the animal feed industry. Water for pigs and for washing is acquired from a Group Water Scheme (c.90%) while the remaining 10% (approx.) is supplied by a private well on the site. Animal houses are insulated to minimise use of heating fuel. The outputs are pigs (primary product) and pig manure (by-product).

Some animals die of natural causes before maturity. Carcases of dead animals are placed in a closed skip in the site. The carcases are sent from the site for disposal at an authorised rendering facility as required by separate legislation in S.I. 252 of 2008 (the BSE and Animal By-Products (ABP) Regulations). There is a programme in place for the control of vermin and pests in the site. There is no significant pollution caused by the activity. Disposal of waste and small quantities of hazardous waste (sharps and fluorescent lighting tubes) is as required by separate waste legislation. It is policy to minimise waste accumulation and to recycle as much as possible, but the recyclable volume is small.

Storm water from roofs and paved yards is not permitted to flow over soiled areas and is discharged to a soak-hole at the site boundary. There is no process effluent discharge from the site. Normal respiration gases and odours emit from the animal houses and from animal manure, particularly during movement of the manure. Odours emitted in the site do not interfere with amenities outside the site.

The structures and equipment on the site are in good serviceable condition and will be maintained that way. The practices and technology used in the site for the rearing of pigs and for the control of emissions from the installation are the best available that the enterprise can afford.

Pig manure is a useful fertiliser and valuable fertiliser for farmland. It is collected and stored in tanks until local farmers acquire quantities of it that they specify for their use on their holdings of farmland. The distribution of manure to individual farmer customers who use it is authorised under the ABP Regulations. Quantities supplied to customers are limited to the quantities ordered. All farmers are required to calculate their requirement for fertiliser by reference to standards prescribed in SI 101 of 2009 (the Nitrates Regulations). Customers' use of pig manure reduces the amount of chemical fertiliser they need to purchase from the chemical fertiliser industry. Their application of pig slurry/manure to land in their holdings is separately required to comply with all the relevant standards in S.I. 101 of 2009.

The discharge of storm water from the site will be monitored to detect any effect of the activity on groundwater. Water from a deep well in the site will be monitored to detect any effect of the activity on groundwater.

If activity on the site ceases, animals in stock will be sold, consumable inputs returned to source, manure tanks emptied and the site will be secured.

SECTION B GENERAL

B.1. Owner/Operator

** Applicants Name:* Paul Tully

Address: Moate Pig Unit
Ballinakill
Portlaoise
County Laois

Telephone Nº: 057-8733544 / Mobile 086-2310041
Fax Nº: 057-8733595
e-mail : paultully1@eircom.net

* 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 : Same as above
(if different from above)

Address of Body Corporate : Not Applicable
(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

Name and address of the proprietor(s) of the Land on which the Activity is situated (if different from applicant named above).

Proprietor's Name: Same as above

Address:

Name and address of the owner(s) of the building and ancillary plant in which the activity is situated (if different from applicant named above).

Name: Not Applicable

Address:

B.2. Location of Activity

Name: Paul Tully

Full Address: Moate Pig Unit

Ballinakill

Portlaoise

County Laois

Telephone Nº: 057-8733544 / Mobile 086-2310041

Fax Nº: 057-8733595

Contact Name(s): Paul Tully

Position(s): Owner/Manager

e-mail : paultully1@eircom.net

National Grid Reference (12 digit-6E,6N) 248380-183133

Location maps (no larger than A3), with grid references should be enclosed in **Attachment Nº B.2.**

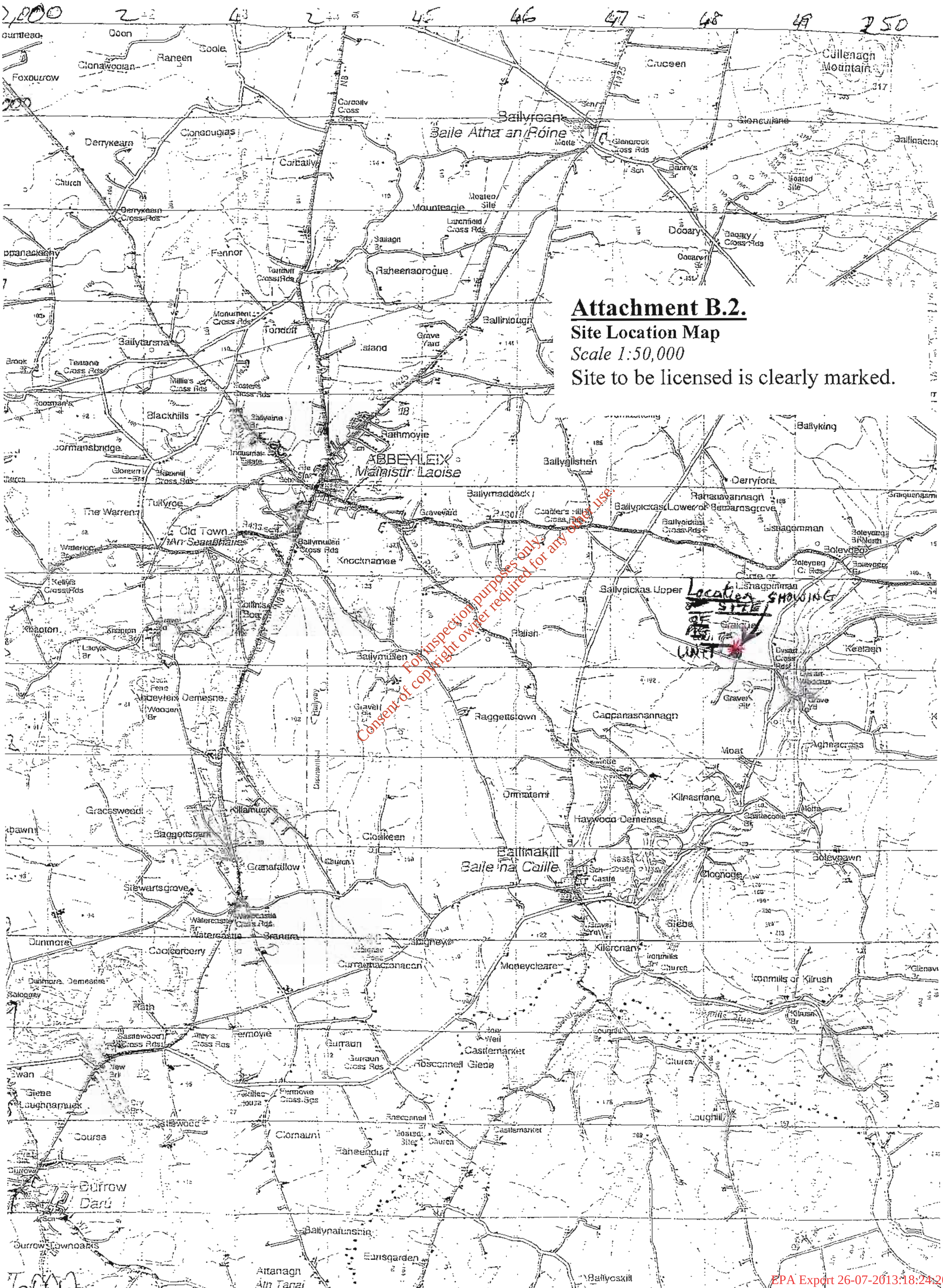
See Attachments as listed below;
Attachment B.2 -- Site location map.
Attachment B.2.(a)--Site lay-out plan –scale 1:2500.
Attachment B.2.(b)—Site layout plan – scale 1:500

Attachment B.2.

Site Location Map

Scale 1:50,000

Site to be licensed is clearly marked.



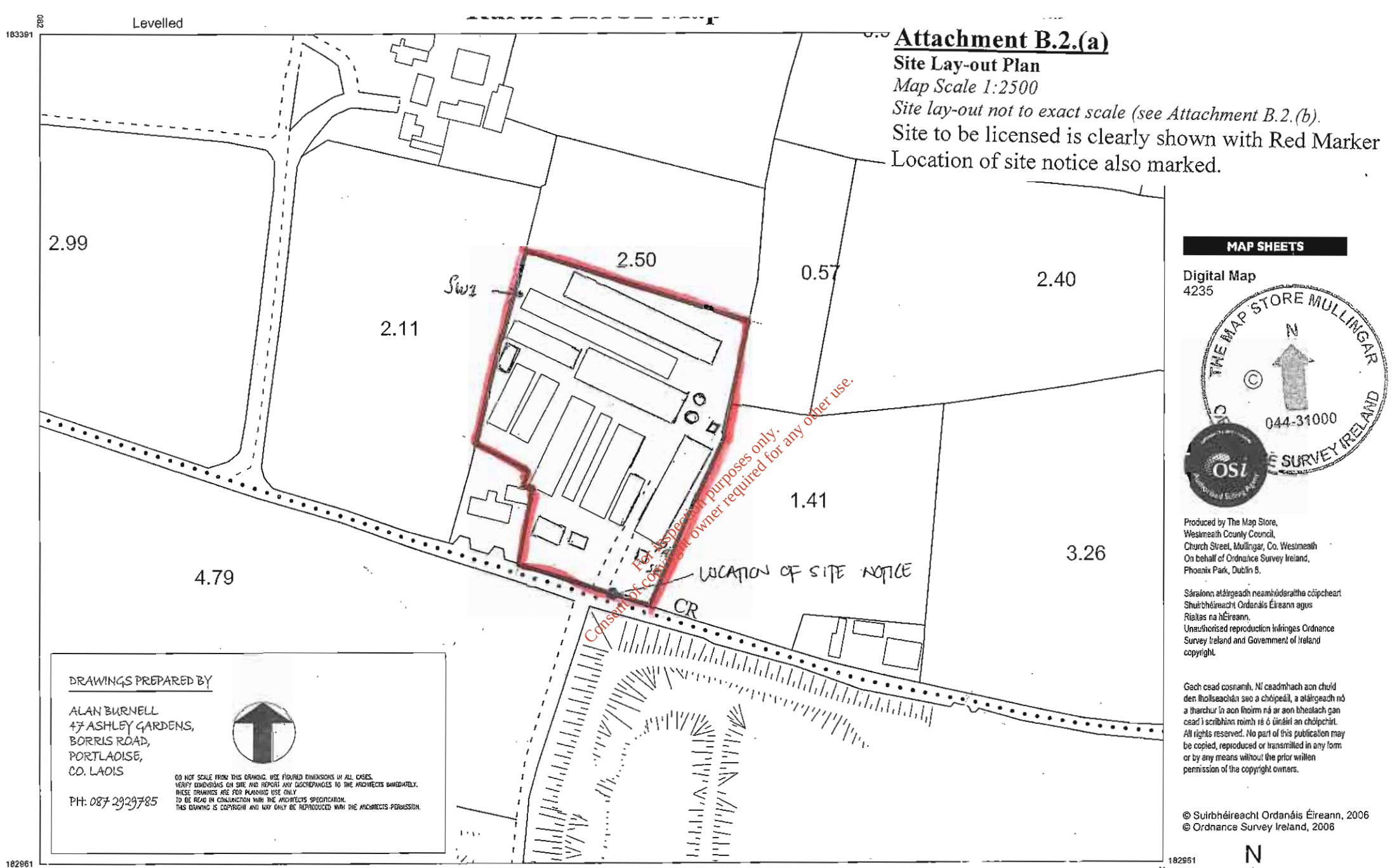
Attachment B.2.(a)

Site Lay-out Plan

Map Scale 1:2500

Site lay-out not to exact scale (see Attachment B.2.(b).

Site to be licensed is clearly shown with Red Marker
Location of site notice also marked.



DRAWINGS PREPARED BY

ALAN BURNELL
47 ASHLEY GARDENS,
BORRIS ROAD,
PORTLAOISE,
CO. LAOIS

PH: 087 2929785

DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS IN ALL CASES.
VERIFY DIMENSIONS ON SITE AND REPORT ANY DISCREPANCIES TO THE ARCHITECTS IMMEDIATELY.
THESE DRAWINGS ARE FOR PLANNING USE ONLY
TO BE READ IN CONJUNCTION WITH THE ARCHITECTS SPECIFICATION.

Scale:- 1:2,500
Scála:- 1:2,500

0 50 100 150 200 250 Metres
0 100 200 300 400 500 Feet

Plot Ref. No. 1112425_1_6
Plot Date 23-MAY-2006

MAP SHEETS

Digital Map
4235

THE MAP STORE MULLINGAR
N
044-31000
OSI
SURVEY IRELAND

Produced by The Map Store,
Westmeath County Council,
Church Street, Mullingar, Co. Westmeath
On behalf of Ordnance Survey Ireland,
Phoenix Park, Dublin 8.

N

DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS IN ALL CASES.
VERIFY DIMENSIONS ON SITE AND REPORT ANY DISCREPANCIES TO THE ARCHITECTS IMMEDIATELY.
THIS DRAWING TO BE READ IN CONJUNCTION WITH THE ARCHITECTS SPECIFICATION.
THIS DRAWING IS COPYRIGHT AND MAY NOT BE REPRODUCED WITH THE ARCHITECTS PERMISSION.

OS SHEET NO: 4235

TOWNLAND: MOATE, BALLINAKILL, CO.LAOIS.

SITE BOUNDARY

124510

T LOOSE DRY SOW HOUSE

S.W.I

N FATTENING HOUSE

SURFACE WATER DRAINAGE

K FINISHING HOUSE

SURFACE WATER DRAINAGE

11750

SURFACE WATER DRAINAGE

J GILT PENS

I FATTENING HOUSE

H FATTENING HOUSE

M FINISHING HOUSE

42764 [140'-1"]

SURFACE WATER DRAINAGE

SITE BOUNDARY

G FARROWING HOUSE

F FARROWING HOUSE

E FIRST & SECOND STAGE

MEAL BIN 16T

MEAL BIN 16T

DEAD PIG STORAGE

MEAL BIN 23T

FUEL TANK

B FINISHING HOUSE

31080

13380

C SECOND STAGE

FUEL TANK

SITE BOUNDARY 68172

34400

ADJOINING RESIDENCE

36116

SURFACE WATER DRAINAGE

A SECOND STAGE/WEANER HOUSE

CANTEEN

POWER STATION

PERCOLATION AREA

35313

SEPTIC TANK

WELL

DYSART ROADS

17450

SITE ENTRANCE

N

Attachment B.2.(b)

Site Lay-out Plan

Scale 1:500

Site to be licensed is clearly shown with Red Marker.

Also see arrows and flow of clean roof-water marked as surface water drainage of site (in red).

Alan J Burnell B.Sc.Dip.Arch.Tech.
47 Ashley Gardens,
Borris Road, Portlaoise, Co. Laois
P: 087 2929785
E:alanjburnell@gmail.com

JOB
PROPOSED CONSTRUCTION OF NEW SERVICE HOUSE

CLIENT
PAUL TULLY PIG FARM,
MOATE, BALLINAKILL
CO.LAOIS.

DRAWING
SURFACE WATER DRAINAGE LAYOUT

DATE	22-07-2010	SCALE	1-500
DRN	A BURNELL	CHECKED	

JOB NUMBER	DRWG NUMBER	STATUS
192-13-06	001	PLANNING

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]
First Schedule	6.2	The rearing of pigs in an installation, …… where the capacity exceeds:- *"285 places for sows in an integrated unit,."*

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 facilities) : 6

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: Laois County Council

Address: Aras an Chontae,
Portlaoise,
County Laois.

Telephone Nº: 057-8664000

Planning Permission for this installation :-

Obtained √ *Is being processed* *Not applied for* ❒

Local Authority Planning File Reference Nº: *06/918 –most recent grant of Planning permission*

Attachment Nº 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.

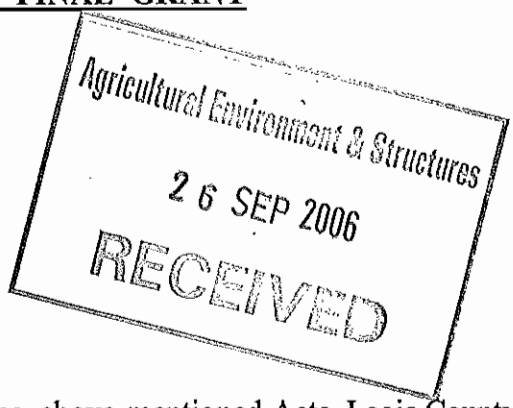
Attachment No B.5

The most recent Planning permission granted in respect of the site is attached.

LAOIS COUNTY COUNCIL

PLANNING AND DEVELOPMENT ACT, 2000

NOTIFICATION OF FINAL GRANT



TO: PJ Cahill Farms Ltd.,
C/O Alan J Burnell,
47 Ashley Gardens, Borris Road,
Portlaoise,
Co. Laois.

Planning Register Number: 06/918
Valid Application Receipt Date: 16/06/2006

In pursuance of the powers conferred upon them by the above-mentioned Acts, Laois County Council have granted PERMISSION to the above named, for the development of land, namely:-replace existing service house with a new finishing house and 2 no. meal bin silos such that the capacity of the unit shall accomodate all progeny of the existing 620 sow herd to slaughter.The pig unit comprises an activity in relation to which a licence under part IV of the Environmental Agency Act 1992 is required at Moate, Ballinakill, Co. Laois subject to the 21 conditions set out in the Schedule attached.

Signed on behalf of LAOIS COUNTY COUNCIL

Caerat Brophy

for MAIREAD GREENE,
A/ADMINISTRATIVE OFFICER, PLANNING

Date: 25/09/2006

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.

NOTE:

The permission herein granted shall, on the expiration of the period of 5 years beginning on the date of the granting of permission, cease to have effect as regards:-

1. In case the development to which the permission relates is not commenced during the period, the entire development and

2. In case such development is so commenced, so much thereof as is not completed within that period.

YOU ARE ADVISED TO CHECK WITH LAOIS COUNTY COUNCIL AND OTHER STATUTORY BODIES SUCH AS E.S.B., EIRCOM, ETC., IN RELATION TO THE LOCATION OF ANY UNDERGROUND SERVICES BEFORE DEVELOPMENT COMMENCES.

Schedule 1

Having regard to [a] the family nature of the application and [b] the size of the family landholding, it is considered that the proposed development would not be contrary to the proper planning and sustainable development of the area and therefore recommended that permission be granted in accordance with the attached schedule of conditions.

PLANNING REF: 06/918 **M.O. NO:** 984

CONDITIONS

1. The development shall be carried out in accordance with plans and particulars submitted to the Planning Authority on 15/06/06, except where conditions hereunder specify otherwise.

Reason: In the interests of clarity and the proper planning and sustainable development of the area.

2. The proposed development shall be constructed in accordance with the structural specification of the Department of Agriculture.

Reason: In the interests of public health.

3. A safe and dependable water supply shall be laid onto the proposed development.

Reason: In the interests of public health and proper planning.

4. All clean surface water run-off from roofs, entrances and parking areas shall be collected and disposed of within the site to soakpits, drains or adjacent watercourses. In particular, no such surface water run-off shall be allowed to flow onto the public roadway nor to discharge to the seepage or slurry storage tank.

Reason: To prevent flooding of the public road, in the interests of traffic safety and in the interests of public health.

5. All soiled water and waste from concrete yard to be discharged properly to slatted tank. The slatted tank shall be of suitable capacity, design and construction and shall be properly sealed to prevent any loss of leachate into the ground under or adjacent to it. Slatted tank to be in accordance with the recommendations of the Department of Agriculture and shall be of such capacity that no overflow occurs between emptying operations.

Reason: To ensure the satisfactory disposal of waste material, in the interests of amenity, public health and to prevent pollution of watercourses.

6.[a] The developer shall ensure that the proposed slatted tank is constructed, sealed and maintained in a manner which will ensure that there is no leeching or leakage of silage effluent.
[b] The effluent storage facilities shall be of adequate capacity to cater for the loading therein.

Reason: In the interests of public health and pollution control.

PLANNING REF: 06/918 **M.O. NO:** 984

CONDITIONS

7. All slurry and soiled effluent shall be disposed of by land spreading in suitable weather at a maximum rate not exceeding 15 cubic metres per hectare per week. No land spreading shall be carried out during periods of heavy rainfall, or at times when the lands to be spread are waterlogged or otherwise saturated or when the land area is frozen.

Reason: To ensure the satisfactory disposal of waste material in the interests of amenity, public health and to prevent pollution of watercourses.

8..Slurry shall not be spread within 100 metres of any house without the written consent of the owner/occupier thereof.

Reason: To safeguard the amenities of the area.

9. [a] All concrete walls shall have externally rendered finishes.
[b]All galvanized roofing and cladding shall be painted dark green or other colour as agreed with the Planning Authority.

Reason: In the interests of visual amenity.

10. All slurry effluent shall be collected and deposited in the underslat tanks, and shall not be allowed flow onto the public roadway or surrounding land, nor cause pollution to any stream, ditch, or watercourse, nor contamination to any source of potable water.

Reason: In the interests of public health and pollution control.

11. The developer shall take adequate precautions to ensure that waste disposal does not cause pollution to any stream, ditch, or watercourse, or contamination to any source of potable water. The developer shall also take reasonable steps to preserve the amenity of adjacent residential properties, and shall ensure, as far as possible that injury to amenity is not caused by odour, or in any other way.

Reason: In the interests of amenity, public health and pollution control.

12. Existing road drainage shall not be impaired and the entrance shall be designed and shaped or otherwise treated to ensure the uninterrupted flow of road surface water run-off.

Reason: To prevent flooding of the public road, in the interests of traffic safety.

13. Existing trees and hedgerows shall be retained and maintained in the proposed development, except where their removal is necessary to facilitate vehicular entrance and adequate sight distances.

PLANNING REF: 06/918 M.O. NO: 984

CONDITIONS

Reason: To prevent the unnecessary removal of hedgerows and to provide screening to mitigate against the visual impact of the proposed development in the interests of the amenity of the area.

14. [a] Site boundaries to be planted with trees/shrubs of species native to the area to form naturalised hedgerows similar to existing hedgerow in the vicinity. Species to include thorn, beech, ash, oak, hazel, sycamore and holly.

[b] Planting shall be carried out in the first planting season following date of grant of this permission.

Reason: To mitigate against the visual impact of the proposed development in the interests of the amenity of the area.

15. Applicant is requested to consult with the ESB regarding any overhead power line prior to the commencement of any work on this development.

Reason: In the interests of the proper planning and development of the area.

16. Any external lighting shall be cowled and directed away from the public roadway.

Reason: In the interests of traffic safety.

17. Prior to the commencement of development, a contribution shall be payable to Laois County Council, in accordance with the Council's Development Contribution Scheme, in respect of public infrastructure and facilities benefiting development in the area of the planning authority, and that is provided or that it is intended will be provided by, or on behalf of, the Council.

The contribution payable will be based on the contribution rate applicable at the time of payment and not the rate in existence when permission is granted. The amount of the development contribution is set out below and is subject to annual revision with reference to the Wholesale Price Index (Building and Construction), and penalty interest for late payment, in accordance with the terms of the Council's Development Contribution Scheme:-

Class of Infrastructure	**Amount of Contribution**		
	Area of dvt over 500m²	**€ per m²**	**Total**
C3 Agricultural	**250m²**	**3**	**€750**
	Total		**€750**

Reason: It is considered reasonable that the developer should contribute towards the

expenditure incurred or proposed to be incurred by Laois County Council in respect of the provision/improvement of public services/infrastructure benefiting development in the area of the planning authority.

18. Save for that which can be recycled and reused, all waste and dedris resulting from the demolition works shall be collected and disposed of to the satisfaction of the Environment Authority with whom precise details shall be agreed in writing prior to commencement of development.

Reason: In the interests of pollution control and visual amenity.

19. If at any time the Planning Authority is satisfied that the spreading of slurry on land is causing water or soil pollution, the spreading operation shall cease immediately on the direction of the said authority and shall not be resumed until written agreement thereof is granted by the said authority.

Reason: To ensure the satisfactory disposal of waste material in the interests of amenity, public health and to prevent pollution of watercourses.

20. The applicant shall ascertain and comply with the requirements of the Environmental Health Officer, Midland Health Board/HSE.

Reason: In the interest of public health and pollution control.

21. A full set of drawings, to an appropriate scale, and specification of the proposed feed silos shall be submitted to and agreed in writing with the Planning Authority prior to commencement of development.

Reason: In the interests of proper planning and visual amenity.

LAOIS COUNTY COUNCIL
PLANNING DEPARTMENT

Aras an Chontae,
Portlaoise,
Co. Laois

INVOICE NUMBER: 4949
TO: PJ Cahill Farms Ltd

Planning Ref. Number	Particulars	Cost €
PL030	AGRICULTURE	750.00
	TOTAL:	750.00

Signed_:_____Head of Finance

Date_____2006

B.6. Relevant Health Board Region

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

Name: Midland Health Service Executive

Address: Arden Road,

Tullamore,

Co. Offaly.

Telephone Nº: 057-9321868

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 Nº 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.

Attachment No. B.7

The following are attached:

B.7.1. A copy of the Site Notice.
B.7.2. Site Map (Scale 1:2500) showing location of Site Notice on the site.
B.7.3. Copy of Newspaper Advertisement-- Leinster Express dated 24th of February 2010.
B.7.4. Copy of Notice given to Laois County Council.

SITE NOTICE

APPLICATION TO THE ENVIRONMENTAL PROTECTION AGENCY FOR A LICENCE.

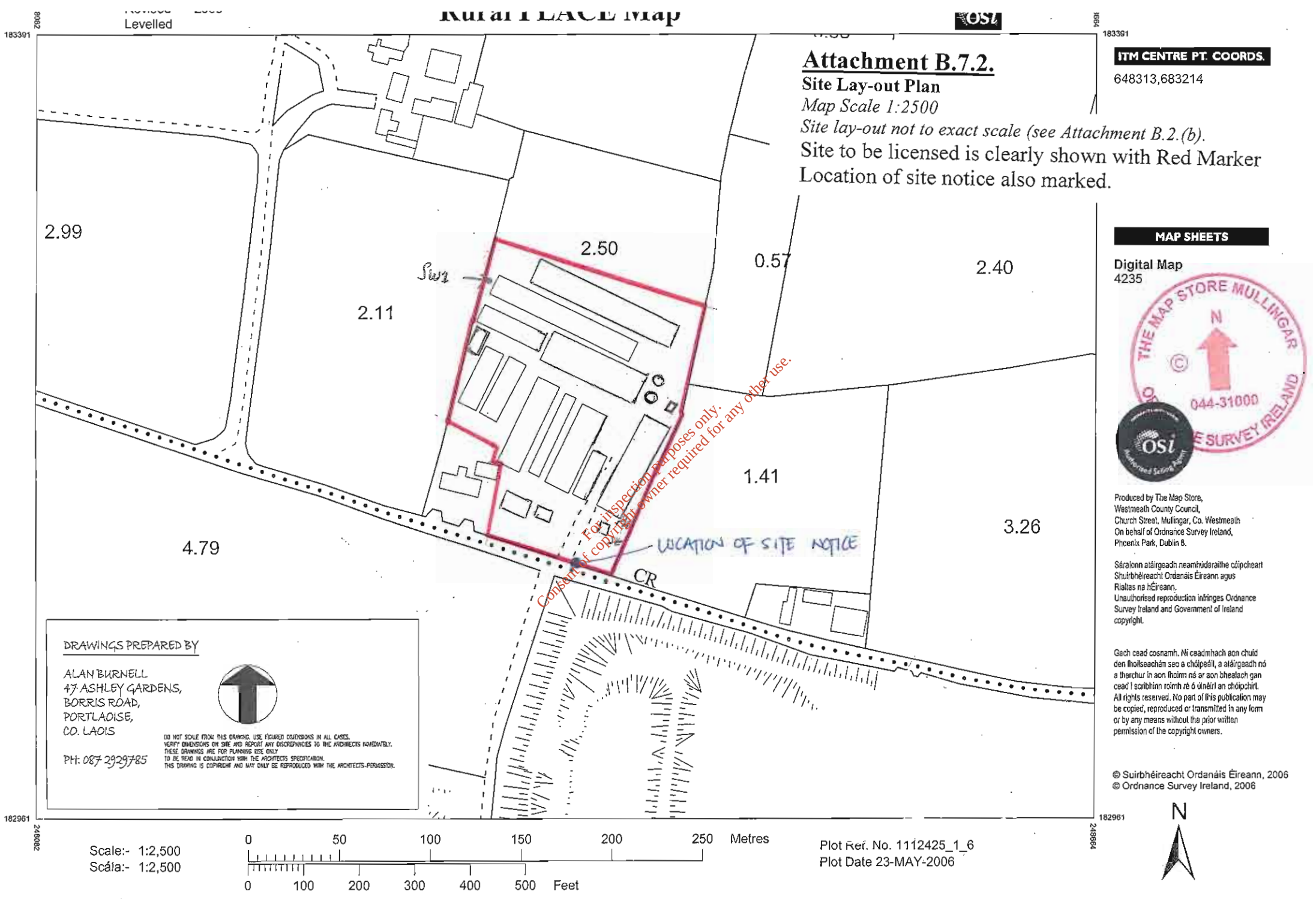
Paul Tully, of Moate Pig Unit, Ballinakill, Co Laois, is applying to the Environmental Protection Agency for an Integrated Pollution Prevention and Control Licence for his pig rearing installation located in Moate, Ballinakill, Co Laois, at National Grid Reference (6E, 6N) 248380 183133.

The Class of activity on the site, as described in the First Schedule in the Environmental Protection Agency Acts, 1992 to 2003, is 6.2, ie "*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.*"

A copy of the application for the Licence may be inspected at or obtained from the Headquarters of the Agency, Johnstown Castle Estate, Wexford, as soon as is practicable after receipt by the Agency of the Application for a licence.

SIGNED: Paul Tully

DATE : 24/2/2010



CONSIST OF CHANGE OF USE FROM PUBLIC BAR KNOWN AS 'COSY BAR' TO 79sqm TAKEAWAY PREMISES AT MAIN STREET, DAINGEAN, COUNTY OFFALY. FURTHER PERMISSION SOUGHT FOR INTERNAL ALTERATIONS, RENOVATIONS, ALTERATIONS TO SIGNAGE, REPLACEMENT WINDOW/DOOR UNITS, CONVERSION OF REAR SHED TO BIN STORE AND ALL ASSOCIATED SITE WORKS. THE PLANNING APPLICATION MAY BE INSPECTED OR PURCHASED AT THE OFFICES OF THE PLANNING AUTHORITY DURING ITS PUBLIC OPENING 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 THE PERIOD OF 5 WEEKS BEGINNING ON THE DATE OF RECEIPT BY THE AUTHORITY OF THE APPLICATION.

I AMERIGO LINGI INTEND TO APPLY FOR PERMISSION FOR DEVELOPMENT AT MAIN STREET, DAINGEAN, COUNTY OFFALY. THE DEVELOPMENT WILL CONSIST OF CHANGE OF USE FROM PUBLIC BAR KNOWN AS 'COSY BAR' TO 79sqm TAKEAWAY PREMISES AT MAIN STREET, DAINGEAN, COUNTY OFFALY. FURTHER PERMISSION SOUGHT FOR INTERNAL ALTERATIONS, RENOVATIONS, ALTERATIONS TO SIGNAGE, REPLACEMENT WINDOW/DOOR UNITS, CONVERSION OF REAR SHED TO BIN STORE AND ALL ASSOCIATED SITE WORKS. THE PLANNING APPLICATION MAY BE INSPECTED OR PURCHASED AT THE OFFICES OF THE PLANNING AUTHORITY DURING ITS PUBLIC OPENING 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 THE PERIOD OF 5 WEEKS BEGINNING ON THE DATE OF RECEIPT BY THE AUTHORITY OF THE APPLICATION.

LAOIS COUNTY COUNCIL

Permission is sought from Laois County Council on behalf of Sean Doyle to construct a grain storage shed at Kilmainham, The Rock, Mountmellick, Co. Laois.

The 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 during its public opening hours. A submission or observation in relation to the application may be made in writing to the authority on payment of the prescribed fee within the period of 5 weeks beginning on the date of receipt by authority of the application.

apply for a Waste Facility Permit at Clonminam Industrial Estate, Portlaoise, Co Laois for hazardous and non hazardous End-Of-Life Vehicles (ELVs), other waste vehicles and machinery, wastes arising from ELVs and scrap metals. The application for the waste facility permit will be made to LAOIS COUNTY COUNCIL within 10 working days of the date of this notice.

The Classes of activity in accordance with the Fourth Schedule of the Waste Management Acts, 1996-2008 are as follows:

Principal class of activity in accordance with the Fourth Schedule;

"13. Storage of waste for submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where such waste is produced".

Other activities in accordance with the Fourth Schedule include;

"1. Solvent reclamation or regeneration"

"3. Recycling or reclamation of metals or metal compounds".

"4.Recycling or reclamation of other inorganic materials".

"11. Use of waste obtained from any activity referred to in a preceding paragraph of this Schedule".

The Classes of Activity at the site, as specified in Part I of the Third Schedule of the Waste Management (Facility Permit and Registration) Regulations 2007 and the Waste Management (Facility Permit and Registration) (Amendment) Regulations 2008, are as follows; Principal Class of activity is Class 12 – 'the collection and storage (including the temporary storage) and the appropriate treatment and recovery of end-of-life vehicles in accordance with the provisions of articles 14 and 15 of the Waste Management (End-of-Life Vehicles) Regulations 2006 (S.I No 282 of 2006)'. Other activities; Class 2 – 'The Reception, storage (including temporary storage) and recovery of waste vehicles (other than end-of-life vehicles) having regard to the provisions of articles 14 and 15 of the Waste Management (End-of-Life Vehicles) Regulations 2006 (S.I. No. 282 of 2006)'. Class 4 – 'The reception, storage and recovery of scrap metal, including scrap metal arising from end-of-life vehicles, waste vehicles (other than end-of-life vehicles) and WEEE where scrap metal from (1) end-of-life vehicles shall be subject to appropriate treatment and recovery in accordance with the provisions of articles 14 and 15 of the Waste Management (End-of-Life Vehicles) Regulations 2006 (S.I. No. 282 of 2006) prior to acceptance at the scrap metal facility, and as appropriate, (2) waste vehicles (other than end-of-life vehicles) shall be subject to appropriate treatment and recovery having regard to the provisions of articles 14 and 15 of the Waste Management (End-of-Life Vehicles) Regulations 2006 (S.I. No. 282 of 2006) prior to acceptance at the scrap metal facility, and as appropriate, (3) WEEE shall be subject to appropriate treatment and recovery in accordance with the provisions of articles 20, 21 and 22 of the Waste Management (Waste Electrical and Electronic Equipment) Regulations 2005 (S.I. No. 340 of 2005) prior to acceptance at the scrap metal facility.' Class 9 - The reception, temporary storage and recovery of used batteries and accumulators where from 26 September 2008, the treatment and recycling of used batteries and accumulators

PARK RATHENISKA GAA

Club Lotto Results 15/02/2010.
Jack Pot: 10,150
Numbers: -3, 4, 9, 28.
No Winner. 20 winners:
Sean Conroy, Liam Wall, Ellen Brennan, Paul Conroy, Patrick McEvoy, Eamonn Kelly

CASTLETOWN LOTTO 15-2-10.
Winning Numbers: 14, 13, 1, 17. Jackpot $4,400, no winner. Other prizes $75, Danny Costello c/o Chris Phelan. 30 winners Pat Bennett, Cuddagh, Philomena Horgan, Birr, Kerry Delaney, Drim, Esther Troy, Coole, John Joe Breen, Deerpark. Sellers Prizes $40, Billy Byrne. $20 Joe Burke, Mary Williams, Pauline Phelan, Stella Harding, Rose Poole. Next Jackpot $4,550.

LAOIS GAA CLUB "MEMBERS" DRAW 18/02/10

Jackpot 1,600
Numbers – 3 / 5 / 8 /24
No Winner - 30 Winners
Janet O Connor Trumera
K Hiney Ballinakill
Paddy Daly Kilcotton
Henrietta Drennan Kilcotton
Eamon Delaney Ballinakill
A. O'Connor Trumera
Hugh Clifford Ballinakill
Brendan Lynam St Josephs
Jennifer Keeshan Kilcotton
Seamus Byrne c/o St Josephs
Next Draw 25/02/10 – Jackpot 1,70

PUBLIC NOTICE

Application to the Environmental Protection Agency for a Licence.

Paul Tully, of Moate Pig Unit, Ballinakill, Co Laois, is applying to the Environmental Protection Agency for an Integrated Pollution Prevention and Control Licence for his pig rearing installation located in Moate, Ballinakill, Co Laois, at National Grid Reference (6E, 6N) 248380 183133.

The Class of activity on the site, as described in the First Schedule in the Environmental Protection Agency Acts, 1992 to 2003, is 6.2, ie "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."

A Copy of the application for the Licence may be inspected at or obtained from the Headquarters of the Agency, Johnstown Castle Estate, Wexford, as soon as is practicable after receipt by the Agency of the Application for a licence.

Leinster Express 24 February 2010

Attachment B.7.4

PRINTED ON TEAGASC HEADED PAPER

Mr. Donal Kiely,
Senior Executive Engineer,
Aras an Chontae,
Portlaoise,
Co. Laois.

Date: 24th February, 2010.

Dear Mr. Kiely,

I have been instructed by my client (Mr. Paul Tully) to inform you that Paul Tully is applying to the Environmental Protection Agency for an Integrated Pollution Prevention and Control Licence for his pig rearing installation located in Moate, Ballinakill, Co Laois, at National Grid Reference (6E, 6N) 248380 183133.

The Class of activity on the site, as described in the First Schedule in the Environmental Protection Agency Acts, 1992 to 2003, is 6.2, ie "*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.*"

A Copy of the application for the Licence may be inspected at or obtained from the Headquarters of the Agency, Johnstown Castle Estate, Wexford, as soon as is practicable after receipt by the Agency of the Application for a licence.

Should you have any queries in this regard please do not hesitate in contacting me.

Yours truly,

_____
Gerard McCutcheon M.Agr.Sc., M.Sc.
(Teagasc Pig Adviser)

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 Nº B.8**.

Attachment No. B.8
The activity at this installation is listed in Annex I of the IPPC Directive (96/61/EC) under "Other Activities".

The specified category is:
6.6 Installations for the intensive rearing of pigs with more than
(b) 2000 places for production pigs (over 30kg),

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.

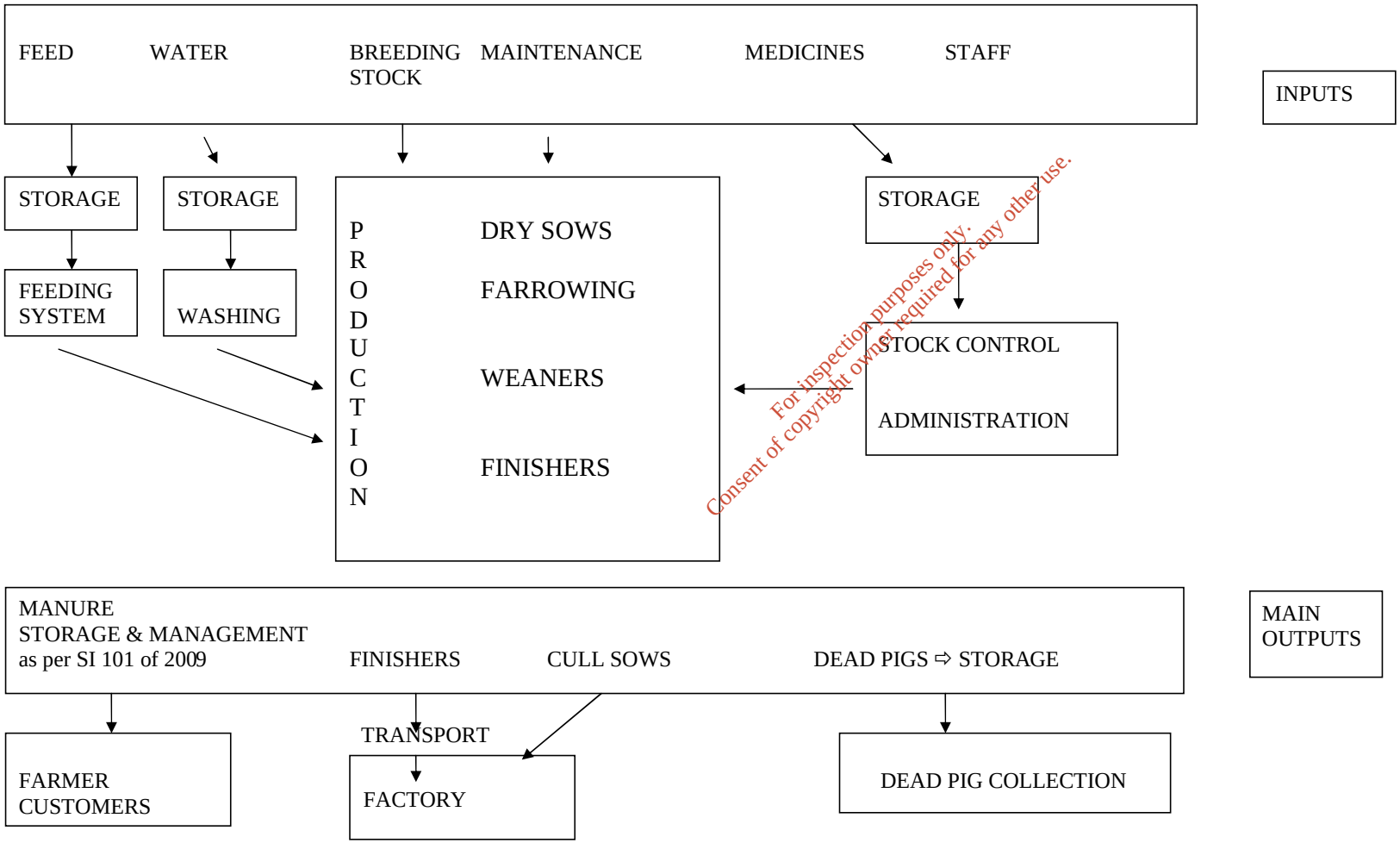
This information should form **Attachment Nº C**.

Attachment C
The facility is owned and managed by the Applicant. There are normally 5 other full-time staff employed in the pig production enterprise.

The management of the enterprise involves a disciplined approach to work routines. This is necessary for both commercial and animal welfare reasons. There is some delegation by the Owner of responsibilities for daily routines, but there is frequent (daily to weekly) appraisal of progress and achievements undertaken by the owner and the stock persons. The assessment criteria include input/output data such as weight of feed used, weight of pigs sold, number and class of pigs dead, number of pigs born, number of sows bred, health of stock. Other criteria include operation of automatic feeding equipment, ventilation control equipment, health management, washing and hygiene programme, the pig manure control and distribution programme and the vermin control programme.
Attachment C1 shows an organisational chart for the site.

ORGANISATIONAL CHART - ATTACHMENT C.1

FOR MR. PAUL TULLY at the MOATE PIG UNIT



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.

Attachment Nº 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.

Attachment D

The following are attached:

D.1. Description of the facility methods, processes and operating procedures for the activity.

D.2. Schedule of Pig Houses

D.3. Schedule of Manure Tanks

D.4. Development History of the site

Operational information Attachment D.1.

The site layout plan identifies the structures that are devoted to pig production on the site. The pig houses and tanks listed in Schedules D.2 and D.3, respectively, summarise the current functional use of the different houses and the available capacity of all the slurry collection and storage tanks in the installation.
The total floor area of existing pig houses is about 7,877 m^2. The accommodation is adequate for all the mixed population of pigs of all ages produced by 650 sows. All progeny are reared from birth to a sale weight of about 110kg. The capacity of existing pig slurry tanks is about 8,246m^3. Capacity is greater than the six months storage capacity required by S.I 101 of 2009 (the Nitrates Regulations).

The production process involves the breeding, rearing and fattening of pigs. Pigs are reared to about 26 days on sows and subsequently on balanced diets to about 170 days of age and about 110kg live weight. At this weight, pigs are sold and dispatched to a slaughter plant for meat production. These details can vary somewhat with variation in markets. The environmental and nutritional requirements of the pigs change as they progress through the production process. The changes in requirements are met by moving the pigs at critical ages and weights to different houses within the facility and by changing to more appropriate diets. Major inputs are pig feed (mostly cereal and soya) fortified with the minerals and vitamins essential for pig health and well-being. As pigs grow older, they progress satisfactorily at reducing house temperatures and they perform satisfactorily on diets of lower nutritional concentration, i.e. less energy, protein, minerals and vitamins per kg of diet.

A critical stage in the health and well being of young pigs occurs at the time of weaning (about 28 days of age). Some antibiotic therapy is necessary in early life but is minimal after 20 to 30 days post weaning, and then is generally confined to the treatment of individual animals (or occasionally, pens). Up to 10% of pigs born alive die prematurely, 75% of this loss occurring in the first 3 days of life. Most mortality is caused by pigs being weak at birth or by being overlain by the sow. Mortality has and general well-being is influenced positively by specialised production methods (better nutrition, medicines and vaccines) and facilities, and good hygiene practices in relation to maintenance and strategic cleaning and disinfectant programmes for pig houses. Dead pig carcases are removed from the installation for disposal in accordance with S.I.252 of 2008 (the BSE and Animal By-Products Regulations). A record of all despatches of waste from the site is maintained at the site.

While live pigs are the main product, produced as the raw material for the pork and bacon processing industry, pig manure is a major and important by-product. It is collected in tanks under / near pig housing accommodation, and is stored pending sale and distribution to farmers for use by them as a source of NPK plant nutrients for their crops on their holdings. Distribution and transport of pig manure from the installation for use by customers to fertilise farmland in their holdings is separately and generally authorised under the BSE and Animal By-Products Regulations (S.I. 252 of 2008) and the Nitrates Regulations (S.I. 101 of 2009), and the deposition of the manure and all other fertilisers on farmland by the occupiers of holdings who acquire it, is separately controlled under the Nitrates Regulations (SI 101 of 2009) and the Fertilisers and Soil Improvers Order (SI 253 of 2008). A record of all despatches of pig manure from the site is maintained at the site, as required by Article 23(1) (g) of SI 101 of 2009.

The management and operation of a pig enterprise is a seven days a week job with staff in attendance to manage and monitor feeding and general health and welfare of the animals. In this installation, most feeding and ventilation are controlled by automated monitoring and control systems.

The houses are both naturally and mechanically ventilated.

Attachment D.2

Schedule of Pig Houses

House as per Site Plan	***Current Use***	External Measurements Length, m	Width, m	**AREA m2**
A	Weaners	14.9	10.9	162
B	Finishers	53.7	15.3	822
C	Weaners	26.9	7.5	202
D	Dry Sows	17.5	12.4	217
E	Weaners	49.4	14.7	726
F	Farrowing House	47.4	8.9	422
G	Farrowing House	52.3	13.9	727
H	Finishers	34.8	11.1	386
I	Finishers	34.8	11.1	386
J	Gilt pens	13.5	7.1	96
K	Finishers	37.8	11.3	427
M	Finishers	59.6	12.5	745
N	Finishers	87.6	11.6	1,016
T	Loose Sow House	81.6	18.9	1,542
				0
				0
				0
				7,877

Note:
All houses providing accommodation for pigs have slatted floors with associated manure storage.

ATTACHMENT D.3

SCHEDULE OF MANURE STORAGE TANKS.

Tank Type	House No	Length, m	Width, m	Depth, m	Capacity, m^3 Gross	Capacity, m^3 Adjusted
U/G	A	14.3	9.9	0.8	108	79
U/G	B	52.7	14.7	1.2	930	775
U/G	C	26.5	6.9	0.9	165	128
Channels	D				0	0
U/G	E	48.8	14.0	0.6	410	273
Channels	F				0	0
U/G	G	45.0	12.2	0.6	329	220
U/G	H	34.1	10.6	1.2	434	361
U/G	I	34.1	10.6	1.2	434	361
U/G	J	13.1	3.0	2.4	94	86
U/G	K	37.3	10.8	1.3	524	443
U/G	M	58.5	11.6	2.4	1,629	1,493
U/G	N	86.8	10.9	1.2	1,135	946
U/G	T	80.0	17.5	2.4	3,360	3,080
					0	0
					0	0
					0	0
TOTAL, m^3					9,551	**8,246**

U/G=Underground

Note: All underground tanks are reinforced concrete.
Adjusted capacity allows for 200mm "freeboard".

Estimated annual manure production, m^3 per sow:

650	Sows plus progeny	16.22	m^3 per sow	10,546	m^3
			m^3 per pig	0	m^3
				10,546	m^3

Combined capacity of tanks would hold 40.66 weeks production of manure.

Development History of the Site:
The lay-out of this development is shown on the Site Layout plan attached. (Attachment B.2.(b)). The site is small and compact, and is designed to be safe, secure and efficient in operation.

Attachment D.4
Description of Pig Buildings
Please refer to the site plan (Attachment B.2.(b)) for key to the buildings on the site.

Attachment D.4

List of Pig Houses

House as per Site Plan	***Current Use***	**Year of Construction**
A	Weaners	1985
B	Finishers	1973
C	Weaners	1993
E	Weaners	1998
F	Farrowing House	1975
G	Farrowing House	1987
H	Finishers	1988
I	Finishers	1988
J	Gilt pens	1995
K	Finishers	1992
M	Finishers	2007
N	Finishers	1996
T	Loose Sow House	2006
U	Canteen Changing Facility	2005

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 Nº E.1.**

Attachment E.1
Emission to atmosphere is a normal feature of pig production. It is a feature of the production process which involves a population of live animals. Emissions to atmosphere are almost entirely in the air exhausts from houses and tanks. That air does carry some odour. There can also be odour generated at the installation when manure is being loaded into tankers for transport to customer's farms.

Odour from the installation is controlled to a level that does not affect amenity beyond the site boundary by the application of good practice in animal husbandry and in the management of manure handling operations in the site.

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 Nº 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.

Attachment No. E.2
There is no emission to surface water on this site.

There is no effluent treatment system on the site and there is no process effluent discharge from the site.

E.3. Emissions to Ground

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

Table E.3(i) must be completed.

The only emission to ground is storm water from roofs and from the clean gravel yards surrounding the piggery buildings. Animals do not have access to those yards.
Storm waters from roofs and adjoining yards discharge through drains to a soak-hole at the boundary of the site.

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).

National Grid Reference for the Discharge Point labelled SW1 (discharging to soak - hole) on the map in Attachment B.2.(b). is:

Location	Easting	Northing
SW1	248327	183246

E.3.B Landspreading

The applicant should supply details of the nature and quality of all substances (agricultural and non-agricultural) 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 Nº E.3.**

Attachment No. E.3.B

There is no emission of slurry, effluent, ash or sludges to ground in the installation or from the installation. The operator of the installation, the applicant for a licence, does not "landspread" pig manure / slurry from the installation on land controlled by the licence or on land under the operator's control. Pig manure is collected and stored in tanks in the installation until some local farmers acquire it for their use on their farmland. The distribution of manure to individual farmer customers who use it is limited to the amount ordered by them. It is supplied to them in compliance with the relevant terms prescribed in SI 252 of 2008 (the ABP Regulations), and SI 101 of 2009 [European Communities (Good Agricultural Practice for Protection of Waters) Regulations 2009]. A record is maintained of all dispatches of manure from the installation. All dispatches in response to farmers requests / orders for supplies is in the knowledge and on the understanding that their acquisition and their deposition on land and use of the manure is required to comply with the relevant terms prescribed in the same SI 101 of 2009, as they apply to their holdings at the time the manure is deposited by them. Choice of pig manure by farmers reduces the amount of fertiliser those farmers need to purchase from the chemical fertiliser industry.

The application contains no proposal in relation to "landspreading" of pig slurry or in relation to application rates, periods of application and mode of application, as there is no landspreading in the installation, and all those details are the responsibility of the occupiers of holdings who acquire consignments of manure from the installation for their use, in circumstances where their use is controlled under regulations prescribed SI 101 of 2009. The applicant does not and cannot control, or pretend to control, actions or practices of others outside the installation.

Attachment E.3.1. attached shows how pig manure is moved from storage tanks on the site

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 Nº E.3**. Details of effluent treatment/abatement systems should also be included, together with schematics as appropriate.

Attachment E.3
The attached site map i.e. Attachment E.3.1. shows the location of the septic tank and percolation area through which effluent from on-site W.C facilities are treated.

The national grid reference for the septic tank on this site is 248400 – 183115.
The national grid reference for the percolation area on this site is 248408 - 183130

Notes for Attachment E.3.1.

See site plan marked Attachment E.3.1 for building reference.
Buildings C, E and G have manure channels with sluices which allow manure to be directed (below ground level) towards the underground storage tank in House M.

House M can be sluiced to the very large underground storage tank under House T if the necessity arose.

All other buildings have manure contained underneath in slatted tanks. Customer farmers extract pig manure directly from these tanks.

Attachment D2 shows the capacity of the various storage tanks under the pig houses and shows that there is over 40 weeks storage on the site.

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 Nº E.4**

OS SHEET NO: 4235

TOWNLAND: MOATE, BALLINAKILL, CO.LAOIS.

SITE BOUNDARY 124510

T LOOSE DRY SOW HOUSE

S.W.I

N FATTENING HOUSE

SURFACE WATER DRAINAGE

K FINISHING HOUSE

SURFACE WATER DRAINAGE

SURFACE WATER DRAINAGE

J GILT PENS

I FATTENING HOUSE

H FATTENING HOUSE

M FINISHING HOUSE

SURFACE WATER DRAINAGE

SITE BOUNDARY 113750

SITE BOUNDARY 42704.55 [140'-1"]

G FARROWING HOUSE

F FARROWING HOUSE

FIRST & SECOND STAGE

MEAL BIN 16T

MEAL BIN 16T

DEAD PIG STORAGE

MEAL BIN 23T

B FINISHING HOUSE

FUEL TANK

SECOND STAGE

FUEL TANK

EXISTING L.A.W.

SITE BOUNDARY 58172

31690

13366

ADJOINING RESIDENCE

35116

A SECOND STAGE/WEANER HOUSE

CANTEEN

POWER STATION

PERCOLATION AREA

35313

SEPTIC TANK

WELL

DYSART ROADS

77050

SITE ENTRANCE

N

Attachment E.3.1.

Site Lay-out Plan

Scale 1:500

See notes below for details of management of manure movement on site. Dark green lines and arrows show channels and direction of manure/slurry flow from buildings with lower manure storage capacity.

Alan J Burnell B.Sc.Dip.Arch.Tech.
47 Ashley Gardens,
Borris Road, Portlaoise, Co. Laois
P: 087 2929785
E:alanjburnell@gmail.com

JOB	PROPOSED CONSTRUCTION OF NEW SERVICE HOUSE
CLIENT	PAUL TULLY PIG FARM, MOATE, BALLINAKILL CO.LAOIS.
DRAWING	SURFACE WATER DRAINAGE LAYOUT
DATE 22-03-2010	SCALE 1-500
DRN A BURNELL	CHECKED
JOB NUMBER JB2-13-06	DRWG NUMBER 001
STATUS PLANNING	

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.

Attachment No. E.4:

There have been no complaints of noise emissions for this facility to date. The activities currently on site do not generate noise levels that could interfere with amenity beyond the site boundary. The Applicant accepts the standard day-time / night-time limits set by law and shown in the guidance note.

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.

Attachment Nº F.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 Nº F.1 should contain any supporting information.

Attachment F.1
S.W.1 is marked on the site lay-out plan for monitoring / sampling point for storm water, surface waters and ground water (Please refer to the Attachment E.3.1.).

Storm water from roofs and clean yard areas will not contain emissions from the installation. The out-fall point at S.W.1 will be visually inspected regularly and a log of inspections and observations will be maintained. Storm water will not be sampled or analysed unless a problem is observed or suspected.

The composition and quality of pig feeds is very consistent over time. Water consumption by pigs in a controlled environment and with controlled dispensing of both feed and water is also very consistent over time. It is exceedingly difficult to acquire a representative sample of manure from either a collection of storage tanks or a single tank. Accordingly, the analysis of stored liquid pig manure is best estimated by reference to the "standard" or expected average composition cited in SI 101 of 2009. That is approximately 4.3% dry matter, 4.2kg/m3 nitrogen (N), 0.8kg/m3, phosphorus (P). It is considered unnecessary and futile to monitor the composition of the pig manure.

The reference point for annual ground water monitoring is the well on the site. The proposal for monitoring is shown in Table F.1 (iv).

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.

Attachment Nº G.1 - Raw Materials

The raw materials used (approx quantities/year) in the pig production enterprise are:

Water: Annual water usage is about 16,000 m^3 on this site.

Water source is from the Ballypickas Water Scheme (approx. 90%) and 10% or less from the well on the site.

Feed: About 5,000 tonnes of dry meal or equivalent in liquid form is currently used on this site per year. There are 4 main classes of feed used for different classes of animals. Feeds or ingredients are purchased from the feed trading / milling industry. Typical approximate composition of the main classes of feeds used is (g/kg):

	Cr.Protein	Cr. Fibre	Ash	Oil	P	DE
Dry sow ration:	150	60	60	40	6	13.2
Lactating sow ration:	180	45	60	60	7	13.5
Weaner ration:	190	35	50	50	7	14.0
Fattening Ration:	170	40	50	50	6	13.5

Vet Medicines:
Antibiotics
Anthelmintics
Vaccines (re disease prevention)
Hormones (re lactation and pregnancy)
Insecticides (parasite and fly control)
Disinfectants (hygiene)
Mineral preparations (mainly Iron for piglets)

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.

Supporting information should be given in **Attachment Nº G**

Attachment No. G.2

Heating –Electricity is used to power all the processes and services on the site, and to heat small areas occupied by piglets and newly weaned pigs.

Approximately 270,000 kwh of electricity are used on this site annually.

Heating oil (Kerosene) is required to heat the heat-pads in the farrowing rooms and also to heat the first stage weaner pigs on the site. Approximately 44m^3 of home heating oil are used annually for this purpose.

Energy is used as efficiently as possible on this site. Buildings are insulated to ensure the efficient use of energy within houses.

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°H.1** including references to the most recent testing of bunded structures, tanks and pipelines.

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	General Refuse
(b) Description & nature of waste	Canteen waste & packages
(c) Source	Work areas and canteen
(d) Where stored and integrity/impermeability of storage areas-	Bin on site
(e) Amount (m^3) and tonnage	1.2 tonnage
(f) Period or Periods of generation	Continuously
(g) Analysis (include test methods and Q.C.)	N/A
(h) European Waste Catalogue Code	20 03 01

(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° H.**
This waste is 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	Veterinary medicine containers
(b) Description & nature of waste containers	Rinsed empty containers
(c) Source	Veterinary supplier

(d) Where stored and integrity/impermeability of storage areas- Bin on site

(e) Amount (m^3) and tonnage	0.03 tonnage
(f) Period or Periods of generation	Continuously
(g) Analysis (include test methods and Q.C.)	N/A
(h) European Waste Catalogue Code	02 01 99

(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 Nº H.**

This waste is stored in a covered area on site 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	Dead Animals
(b) Description & nature of waste	Dead pigs
(c) Source	Pig Houses
(d) Where stored and integrity/impermeability of storage areas-	Covered skip on site
(e) Amount (m^3) and tonnage	Approx 50 tonne/annum.
(f) Period or Periods of generation	Continuously
(g) Analysis (include test methods and Q.C.)	N/A
(h) European Waste Catalogue Code	02 01 02

(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 Nº H.**

Dead animals and animal tissues are and will be accumulated in a sealed water proof steel container on site for collection at two-week intervals for transport to an authorised rendering facility by an authorised waste collector (currently College Proteins, College Road, Nobber, Co Meath : Waste Licence / Permit Number R911).

College Proteins Group

College Proteins

College Road, Nobber, Co. Meath, Ireland.
Tel.: + 353 (0) 46 9096000 Fax: + 353 (0) 46 9052062 / + 353 (0) 46 9052465
Website: www.collegeproteins.ie email: cpl@collegeproteins.ie

Tully Paul,
Moate Pig Farm,
Ballinakill,
Co. Laois

16th February 2010

To Whom It May Concern:

We wish to confirm that we have agreed to collect and dispose of dead pigs from the above named individual on a regular basis. The poultry will be contained in 240 litre or 660 litre wheelie bins. Our plant at Nobber, which was custom built on a green field site in 1989 is fully equipped with a modern effluent system, which is regularly monitored by the E.P.A. under IPC licence no. P0037-03. We pride ourselves on having a good reputation in the Rendering Industry, and we have been certified under EU Directive 1774/2002, which governs the industry.

If you require any further assistance, please do not hesitate to contact me.

Yours faithfully,

Ita Brady
Transport Manager

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	Sharps
(b) Description & nature of waste	Used veterinary needles
(c) Source	Veterinary supplier

(d) Where stored and integrity/impermeability of storage areas- Designated container on site

(e) Amount (m^3) and tonnage	3.5 kg/year
(f) Period or Periods of generation	Continuously
(g) Analysis (include test methods and Q.C.)	N/A
(h) European Waste Catalogue Code	18 02 02 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 Nº H.**
Used sharps are maintained and stored in a sealed container on site and removed regularly by a licensed contractor (currently SRCL, 430 Beech Road, Western Industrial Estate, Naas Road, Dublin 12 : Waste Collection Permit Number WCP /KK/010(A1)/05).

Attachment H2.

SRCL®
Protecting People. Reducing Risk.

430 Beech Road
Western Industrial Estate
Naas Road
Dublin 12
Tel: 00 353 1 456 5796
Fax: 00 353 1 456 5295
Web: www.srcl.com

FAO Pat Tully
Moat Pig Farm
Moat
Ballinakill
Co Laois

To Whom It May Concern:

I would like to confirm that Mr Pat Tully contacted our office and requested to commence clinical waste disposal service from Moat Pig Farm in Moat, Ballinakill Co Laois.
Our service includes waste management, waste collection, transport, and disposal. Following collection, your waste is delivered to our licensed treatment facility (license number 55-2) where disposal takes place in-house or for certain waste is sent overseas to be destroyed by high temperature incineration. Everything we do is legal and meets all the requirements and regulations needed. Copies of our permits and insurances are available on request as well as proof of driver qualification. A further legal necessity is that your waste must be packaged in appropriate UN approved containers. SRCL will supply these containers.

Should you have any questions or need more information please contact me.

Thanks

Kind regards

Peter Peczek
Account Manager
SRCL Ireland Ltd
ph. (+353) 01 465 91 39
ph. (+353) 01 201 60 60
e-mail: ppeczek@srcl.com

Attachment H2

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	Fluorescent light 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 on site

(e) Amount (m^3) and tonnage	60 approx. per annum
(f) Period or Periods of generation	Continuously
(g) Analysis (include test methods and Q.C.)	N/A
(h) European Waste Catalogue 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 Nº H.**
This waste is stored in a covered area on site and removed regularly.

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 Nº I.1 should also contain full details of any dispersion modelling of atmospheric emissions from the activity, where required.

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.
There is no emission of pig manure to land and there is no landspreading or application of pig manure to land in the installation. Tables I.2(ii) and I.2.(iii) are attached in a sealed envelope marked as "confidential". The information is private and confidential to the customers for pig manure.

Attachment 1.2 (iv) :

Expected Annual Manure Production	10,546m^3
Manure storage tank capacity	8,179m^3
Manure storage capacity	=40.2 weeks
Phosphorus content of pig manure	=0.8kg/m^3
Nitrogen content of pig manure	=4.2kg/m^3
Estimated annual phosphorus in pig manure	=8,347 kg
Estimated annual nitrogen in pig manure	= 44,293

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 Nº I.3**.

Attachment I.3

There has been no ground or groundwater contamination on or under the site of this pig production installation during the 20 years it has been in operation.

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 Nº I.4.**

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 Nº I.5.**

Attachment I.5 Measures envisaged in order to avoid, reduce and if possible, remedy significant adverse effects.

The measures considered necessary are:

(i) Provision of sufficient and safe access to the site and measures to avoid excessive soiling of the public road during construction on the site.

(ii) A secure fence around the site and effective landscaping comprising hedging, trees, and landscaped earth embankments where necessary, to screen the installation from obtrusive view from the public road and to blend it into the rural landscape.

(iii) Provision of a storm water drainage system to properly collect and discharge to field drainage all clean rainwater from roofs and clean surfaces.

(iv) Provision of soiled water drains to properly collect any effluent or soiled water and divert it to the nearest manure tank.

(v) The collection and the removal from the site of all animal manure and soiled waters to be used by local farmers as fertiliser on their farmlands.

(vi) The collection and the removal from the site of hazardous waste materials (spent fluorescent lighting tubes, empty aerosol containers and veterinary waste) generated on the site. Such wastes removed from the site are to be removed only to sites authorised or agreed as appropriate for the disposal or recovery of the waste concerned.

(vii) The collection and the removal from the site of all dead animals and all animal tissues. Collection to be by an authorised waste collector, for disposal or recovery at an authorised rendering plant.

(viii) Ensure collection of animal tissues from the site is in appropriate watertight and covered containers, and timely removal so as to ensure minimal generation or release of odours either at the site or during transit to the disposal/recovery destination.

(ix) Monitor and maintain records of all monitoring of storm water discharges from the site.

(x) Record and maintain required records of all consignments of waste despatched from the site.

Implementation of the above will ensure that significant effects on the environment will be avoided and the risk of incidents of environmental significance will be near zero.

EMERGENCY RESPONSE PROCEDURE

MOATE PIG FARM
BALLINAKILL, PORTLAOISE, CO LAOIS
PHONE: Paul Tully 086 2310041

In the event of any emergency situation developing on site which may create an environmental risk, make contact with the following:

Notify the Environmental Protection Agency:
Wexford Office Tel: 053 91 60600 Fax: 053 91 60699

NOTIFY LAOIS COUNTY COUNCIL During office hours: **Tel: 057 8664000** **Fax: 057 8622313**
NOTIFY THE REGIONAL FISHERIES BOARD **Tel: 052 80055** **Fax: 052 23971**
*** If JCB's or Excavating machinery are required make contact with** **Name: James Glennon** **Tel: 086 2602122**
*** If manure tankers are required to move manure, make contact with** **Name: Liam Costigan** **Tel: 086 8374048**
*** If structural damage has occurred to any building on site, contact** **Name: Paul Palmer** **Tel: 0862495430**
*** In the event of a problem with the ventilation system contact** **IDS:** *Portlaoise* **Tel:***087-2119505/ 057 8621224* **Fax:** *057 8200723*
Doctor: *057-8731772* **CareDoc: 1850 334999** **Fire Brigade: 999** **Garda Station: 999**

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 **Attachment Nº J.**

Attachment J

In the unlikely event of closure being the result of a Class A disease incident, any non-saleable pigs would be humanely put down and consigned either for rendering (as currently done for the dead pig/pig 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.
See Attachment J 1 for copy of Emergency Response Procedure.

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 **Attachment N$^{o.}$ K.**

Attachment K

If the enterprise had to cease operation, all pig feeding, pig 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 and heating oil in tanks, medicines etc), and there would be pigs in houses, pig manure in tanks and also some of the wastes (dead pigs, medicine containers) in their respective containers. Pigs and pig manure would be sold and despatched from the installation in the normal manner. All wastes would then be disposed of in the same way as was normal during the normal operation of the enterprise. All remaining feed and medicines would be returned/sold back to the respective suppliers. The buildings, once empty of pig stock would be washed clean and all dirty wash water would be distributed with the last of the pig manure. There would be no special or adverse impact on the environment.

SECTION L
SECTION M 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 **Attachment N^{o} L** with reference to where the information can be found in the application.

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

- 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.

Provide the necessary information that will allow the Agency determine these requirements as **Attachment N^{o} L**.

Attachment L

The Applicant has never 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.

The Applicant has over 20 years experience managing pig farms. He qualified with a Certificate in Farm Management in 1989.

The Applicant has adequate resources to meet current and anticipated liabilities.

SECTION N 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 give consent to the EPA to copy this application for its own use and to make it available for inspection and copying by the public, both in the form of paper files available for inspection at EPA and local authority offices, and via the EPA's website. This consent relates to this application itself and to any further information, submission, objection, or submission to an objection whether provided by me as Applicant, any person acting on the Applicant's behalf, or any other person.

Signed by : _____ **Date :** 24/2/10
(on behalf of the organisation)

Name in block letters: Paul Tully

Position in organisation : Owner/ Manager

Company stamp or seal:

Annex 1 Tables/Attachment

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

Emission Point or Area:

Emission Point/Area Ref. Nº:	SW1
Emission Pathway: (borehole, well, percolation area, soakaway, landspreading, etc.)	Soak – hole / Soakaway
Location :	At North – west corner of site
Grid Ref. (10 digit, 5E,5N):	24832 -- 183246
Aquifer classification for receiving groundwater body:	Regionally Important Aquifer
Groundwater vulnerability assessment (including vulnerability rating):	Moderate to High Vulnerability
Identity and proximity of groundwater sources at risk (wells, springs, etc):	Local well on site approx 300metres away from it
Identity and proximity of surface water bodies at risk:	Local drains and streams feeding into the Owenbeg River- approximately 800 metres away.

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

Emission Point Reference No. : SW1

Parameter	Monitoring frequency	Accessibility of Sampling Points	Sampling method	Analysis method/ technique
COD or BOD	Annually	Good	STANDARD METHOD	STANDARD

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

Emission Point Reference No. : **Well**

Parameter	Monitoring frequency	Accessibility of Sampling Points	Sampling method	Analysis method/ technique
Nitrate	Annually	Good	STANDARD METHOD	STANDARD
Total Ammonia	Annually	Good	STANDARD METHOD	STANDARD
Faecal Coliforms	Annually	Good	STANDARD METHOD	STANDARD

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]	Off-site Recovery, reuse or recycling	Off-site Disposal
				Tonnes / month	m^3 / month	(Method & Location)	(Method, Location & Undertaker)	(Method, Location & Undertaker)
Sharps (needles)	180202	Hazardous	Medical treatment of pigs	0.2kg approx		None	Disposal to contractor	Collected by SRCL
Fluorescent tubes	200121	Hazardous	Pig houses	4 to 5 (Each Tube weighs 200g)		None	Deposit in local Bring Centre	None
Dead Pigs	020102	Non-Hazardous	Pig Stock	Approx 4.0 tonne		None	Rendering Plant Rendered to Meat and Bonemeal.	Collected by College Proteins
General refuse	200301	Non-Hazardous	Canteen, office & packaging	100 kg		None	Collected and disposed in a landfill site	AES Portlaoise Ltd.
Vet Medicine containers	020199	Non-Hazardous	Healthcare products for pigs	2.5 kg		Emptied/Rinsed on site	Glass to recycling centre Plastic to general refuse	

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
	Date	Date	Date	Date			
pH							
Ammoniacal nitrogen NH_4-N							
Phosphate PO_4							
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

Expected Customer List:

Farm Code	Townsland	Manure m^3/year
1	Moate	450
2	Boleybeg	453
3	Island	1740
4	Tentore	537
5	Ballyking	523
6	Ballinree	370
7	Monatore	160
8	Blandsfort	2738
9	Blandsfort	842
10	Boleybeg	494
11	Ballinlough	477
12	Boleybeg	699
13	Boleybeg	783
14	Springfield	1266
15	Springfield	1608
16	Raggetstown	225
17	Moate	1381
18	Boleybeg	389
19	Glenabrick	146
20	Cullenagh	1498
21	Moate	652
	Total	17431

Note:
This list may be added to depending on customer demand.

TABLE I.2(iii): LANDSPREADING

Land Owner/Farmer_____

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