



Industrial Emissions Activity Licence

Application Form Pig & Poultry Sector

EPA Reg. No: <i>(Office use only)</i>	<input type="text"/>
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This document does not purport to be and should not be considered a legal interpretation of the provisions and requirements of the EPA Act 1992, as amended.

Environmental Protection Agency
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Tracking Amendments to Application Form

Version No.	Date	Amendment since previous version	Reason
V.1.	2013	N/A	Introduction of Industrial Emissions (Licensing) Regulations 2013
V.2.0	2014	Amendments to Section B and I	Clarification on IE (Licensing) Regulations 2013
V.3.0	2014	Amended Section C, J and K.	To implement the Board's Decision at its 761 st Licensing Meeting of the EPA regarding Environmental Liabilities and Financial Provision.
V.4.0	2015	Amendments to Section I.5	Environmental Considerations, Main alternatives and BAT
V.5.0	June 2015	<p>Amendments to Section A</p> <p>Amendment to Section B.1</p> <p>New Section B.3B</p> <p>Amendments to Section B.6</p> <p>Amendments to Section L</p>	<p>To require summary table of impacts in Non-Technical summary</p> <p>Change from "Owner/Operator" to "Applicant"</p> <p>In relation to Fees</p> <p>Additional requirements in relation to planning history and the submission of EISs.</p> <p>To reflect BAT & IED requirements</p>



Industrial Emissions Licence Application Form

Environmental Protection Agency

Application for an industrial Emissions Licence (Pig & Poultry Sector)

Environmental Protection Agency Act, 1992, as amended.

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INTRODUCTION

A valid application must contain the information prescribed in the Environmental Protection Agency (Industrial Emissions) (Licensing) Regulations, 2013. **The applicant is strongly advised to read the *Application Guidance Notes for Pig & Poultry*, 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 REGULATION 9 COMPLIANCE

Regulation 9 of the Environmental Protection Agency (Industrial Emissions) (Licensing) Regulations, 2013, 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 Regulation 9. In order to ensure a legally valid application in respect of Regulation 9 requirements please complete the following check-list.

Regulation 9(2)(a) (i) 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,

Table with 2 rows: LOCATION (Section B.1), CHECKED (Applicant [checked], Official [unchecked])

(a)(ii) 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,

Table with 2 rows: LOCATION (Section B.2), CHECKED (Applicant [checked], Official [unchecked])

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

Table with 2 rows: LOCATION (Section B.6), CHECKED (Applicant [checked], Official [unchecked])

(a)(iv) in the case of a discharge of any trade effluent or other matter (other than domestic sewage or storm water) to a sewer of a sanitary authority, give the name of the sanitary authority in which the sewer is vested or by which it is controlled,

Table with 2 rows: LOCATION (Section B.6), CHECKED (Applicant [checked], Official [unchecked])

(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 <input checked="" type="checkbox"/>	Official <input type="checkbox"/>

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

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

(d) In accordance with Section 87(1B)(a) of the EPA Acts of 1992 to 2013 in the case where an application for permission for the development comprising or for the purposes of the industrial emissions directive activity to which the application for the licence relates is currently under consideration by the planning authority or An Bord Pleanála, a written confirmation from the planning authority or An Bord Pleanála, as appropriate, of that fact together with either:

- (i) a copy of the environmental impact statement, 2 hard copies and 2 electronic copies or in such form as may be specified by the Agency, that was required to be submitted with the application for planning permission, or
- (ii) a written confirmation from the planning authority or An Bord Pleanála that an environmental impact assessment is not required by or under the Act of 2000.

LOCATION	Section B.6	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>

(e) In accordance with Section 87(1B)(b) of the EPA Acts of 1992 to 2013 in the case where permission for the development comprising or for the purposes of the industrial emissions directive activity to which the application for the licence relates has been granted, a copy of the grant of permission together with either:

- (i) a copy of the environmental impact statement, 2 hard copies and 2 electronic copies or in such form as may be specified by the Agency, that was required to be submitted with the application for planning permission, or
- (ii) a written confirmation from the planning authority or An Bord Pleanála that an environmental impact assessment was not required by or under the Act of 2000.

LOCATION	Section B.6	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>

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

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

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

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

- (h) indicate how the requirements of section 83(5)(a)(i) to (v) and (vii) to (xa) of the EPA Acts shall be met, having regard, where appropriate, to any relevant specification issued by the Agency under section 5(3)(b) of the EPA Acts or any applicable BAT conclusions adopted in accordance with Article 13(5) of the IED and the reasons for the selection of the arrangements proposed,

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

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

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

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

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

- (k) provide:
- (i) details, and an assessment, of the impacts of any existing or proposed emissions on the environment as a whole, 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 <input checked="" type="checkbox"/>	Official <input type="checkbox"/>

- (l) describe in outline the main alternatives to the proposed technology, techniques and measures which were studied by the applicant,

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

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

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

- (n) provide, when requested by the Agency, in the case of an activity that involves the use, production or release of relevant hazardous substances (as defined in section 3 of the EPA Acts of 1992 to 2013) and having regard to the possibility of soil and groundwater contamination at the site of the installation, a baseline report in accordance with Section 86B of the EPA Acts of 1992 to 2013.

- (o) 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	Section I	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>

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

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

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

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

- (r) 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 or the state established in the baseline report if such is required under Section 86(B) of the EPA Acts of 1992 to 2013.

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

- (s) describe the arrangements for the prevention of waste in accordance with Part III of the Act of 1996, and where waste is generated by the installation, how it will be in order of priority in accordance with section 21A of the Act of 1996, prepared for re-use, recycling, recovery or where that is not technically or economically possible, disposed of in a manner which will prevent or minimise any impact on the environment,

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

- (t) 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, or the quantity and nature of the waste or waste accepted or to be accepted at the installation,

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

- (u) State whether the activity is an establishment to which the Chemicals Act (Control of Major Accident Hazards Involving Dangerous Substances) Regulations 2015 apply.

LOCATION	Section B	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>

- (v) describe, in the case of an activity which gives rise, or could give rise, to an emission containing a hazardous substance which is discharged to an aquifer and is specified in the Annex to Council Directive 80/68/EEC of 17 December 1979 on the protection of groundwater against pollution caused by certain dangerous substances, the arrangements necessary to comply with the said Council Directive,

LOCATION	Section B	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>

(w) include a non-technical summary of information provided in relation to the matters specified in paragraphs (c) to (x),

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

(x) include any other information required under Article 11 of the Industrial Emissions Directive,

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

Regulation 9(4) 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 Regulation 5 has been published,

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

(b) a copy of the text of the site notice erected or fixed on the land or structure in accordance with Regulation 6,

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

(c) a copy of the notice given to the planning authority under section 87(1)(a) of the EPA Acts of 1992 to 2013,

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

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

(i) the activity

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

(ii) the position of the site notice in accordance with Regulation 6,

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



Industrial Emissions Licence Application Form (Pig & Poultry Sector)

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

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

(iv) monitoring and sampling points, and

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

(e) a fee specified in accordance with section 99A of the EPA Acts of 1992 to 2013

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

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Regulation 9(5) A signed original, 1 hardcopy and 2 electronic copies of the application as required under paragraphs (1) and (2) or under paragraphs (1) and (3), where the application concerns a review of a licence, and the accompanying documents and particulars as required under paragraph (4) shall be submitted to the headquarters of the Agency. The 2 electronic copies of all application documentation and particulars must be in searchable PDF format on CD Rom and structured in accordance with the instructions contained in “*Instructions for Licence Applicants*” document which is available to download at:
<http://www.epa.ie/pubs/forms/lic/industrial%20emissions/instructionsforapplicantsreapplicationform.html>

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

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

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SECTION A NON-TECHNICAL SUMMARY

Non-Technical Summary of Industrial Emissions 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:

- The relevant class or classes of activity in the First Schedule of the EPA Act 1992 as amended,
- Indication of whether EIS and planning permission documents are included,
- 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 the waste hierarchy in Council Directive 98/2008/EC on waste and section 21A of the Waste Management Act 1996, as amended; where waste is produced, it is prepared for re-use, recycled or recovered or, where that is technically and economically impossible, it is disposed of while avoiding or reducing any impact on the environment (applicants should provide this information in the context of sections 29 (2A), 32 and 38(5A) of the Waste Management Act 1996, as amended); energy is used efficiently;
 - (d) the necessary measures are taken to prevent accidents and limit their consequences;
 - (e) 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.



Industrial Emissions Licence Application Form (Pig & Poultry Sector)

Where an EIS is submitted as part of the licence application, summarise the likely significant effects of the activity in the following format:

Environmental Factor	Likely identified effects	Brief description of effect	Mitigation measures proposed to control effect
Human Beings	Refer to E.I.S.	Refer to E.I.S.	Refer to E.I.S.
Flora and fauna	Refer to E.I.S.	Refer to E.I.S.	Refer to E.I.S.
Soil	Refer to E.I.S.	Refer to E.I.S.	Refer to E.I.S.
Water	Refer to E.I.S.	Refer to E.I.S.	Refer to E.I.S.
Air	Refer to E.I.S.	Refer to E.I.S.	Refer to E.I.S.
Climate	Refer to E.I.S.	Refer to E.I.S.	Refer to E.I.S.
Landscape	Refer to E.I.S.	Refer to E.I.S.	Refer to E.I.S.
Material Assets	Refer to E.I.S.	Refer to E.I.S.	Refer to E.I.S.
Cultural Heritage	Refer to E.I.S.	Refer to E.I.S.	Refer to E.I.S.

Refer to Attachment N^o A.1 for Non-Technical Summary.



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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: 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: As Above

Address: _____

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Primary Contact details for enforcement purposes where licence is granted. PLEASE NOTE THIS CONTACT CANNOT BE A CONSULTANT. ALSO IT MUST NOT BE A PERSON WHO IS ALREADY A REGISTERED EDEN CONTACT FOR ANY OTHER LICENCE ISSUED BY THE AGENCY.

***mandatory fields**

*Name:	Eoin O' Brien
Position in organisation:	Manager/Owner
Tel:	(021) 4883134
*e-mail:	eoin@obrienfarm.ie

B.2. Location of Activity

Name: Eoin O' Brien

Full Address: Annistown

Killeagh

Co. Cork.

Telephone N^o: (021) 4883134

Fax N^o: (021)4883938

Contact Name(s): Eoin O' Brien

Position(s): Manager

e-mail : eoin@obrienfarm.ie

National Grid Reference (12 digit-6E,6N) E197355 N76555

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

Refer to Attachment No. B.2 for Site Location Map with Grid References.

B.3. Class of Activity

Identify the relevant activities in the First Schedule to the EPA Act 1992, as amended, to which the activity relates:

Class	Description
6.2	The rearing of pigs in an installation where the capacity exceeds (a) 750 places for sows or (b) 2,000 places for production pigs which are each over 30kg.

B.3B Application Fee

State each class of activity (per the First Schedule of the EPA Act) for which a fee is being submitted. Application fees are set out in the following regulations:

- EPA (Licensing Fees) Regulations 1994, for all First Schedule activities except classes 11.2 to 11.7; and
- EPA (Licensing Fees) Regulations 2013, for First Schedule activity classes 11.2 to 11.7.

First Schedule Activity	Fee (in €)
6.2	€8,888.00
Total fee paid	€8,888.00

* add rows to the table as necessary

B.4 Industrial Emissions Directive

Specify which category/categories of industrial activity referred to in Annex I of the Industrial Emissions Directive (2010/75/EU) is/are to be carried out at the installation.

Category	Description
6.6	Intensive rearing of poultry or pigs: (b) with more than 2,000 places for production pigs (over 30kg) or (c) with more than 750 places for sows.

B.5. 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) 9 (when fully operational)

Gross Capital Cost (new proposals) € N/A Existing Facility



B.6. Relevant Planning Authority and/or Public Authority

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

Name:	Cork County Council
Address:	County Hall
	Carrigrohane Road
	Cork
Tel:	(021) 4276891
Fax:	

Considering the entire site to which the activity relates, has planning permission ever been required for the site? (Tick No or Yes in the table)

No		See Section B.6(a) below NOTE: For Agency initiated reviews , you can disregard the instructions in B.6(a) and progress to Section B.7.
Yes	YES	See all of Sections B.6(b) to (f) below. Please note that all structures comprising or for the purposes of the activity must be accounted for in the tables in sections below B.6(c) to B.6(f) below. NOTE: For Agency initiated reviews , you only need to <u>complete the tables</u> in Sections B.6(c), B.6(d) and B.6(e) below. You DO NOT need to submit an EIS or the letters on confirmation referred to below.

If this is a licence review application, was planning permission required for the changes proposed as part of this review application? (Tick No or Yes in the table)

No		Provide confirmation in writing from the planning authority or An Bord Pleanála that this is the case.
Yes	YES	Planning Ref No: Cork County Council Ref. No. 12/6635 An Bord Pleanala Ref. No. PL04.241892

B.6 (a) Where planning has never been required

Does this application relate to a site where planning permission has <u>never</u> been required?	N/A	N/A
Letter of confirmation from Planning Authority or An Bord Pleanála included.	N/A	N/A

Where the activity which is the subject of this licence/review application has never required a grant of planning permission previously, **Attachment N^o B.6** must include a confirmation in writing from the planning authority or An Bord Pleanála, as the case may be, that the activity does not involve development or that the activity constitutes development but is exempted development.

B.6 (b) Environmental Impact Statements

In the following table, indicate the option which applies to your application and provide the information requested accordingly.

No.	Option	
1(a)	Is this a new licence application OR review application where the last licence (excluding reviews initiated by the EPA) was determined before 30 th September 2012?	YES
1(b)	If yes, provide the following: <ul style="list-style-type: none"> Where planning permission has been/is required for the site of the activity, you must submit the most recent EIS associated with a planning application or planning permission for the site of the activity. Where planning is granted, the planning decision and planners report associated with the EIS should <u>also</u> be submitted. 	YES Refer to Attachment B6
2(a)	Is this a review application where the last licence (excluding reviews initiated by the EPA) was determined after 30 th September 2012?	NO
2(b)	If yes, provide the following: <ul style="list-style-type: none"> If this is an application for a licence review, and the last licence review (not including reviews initiated by the EPA) was determined after 30th September 2012, you are only required to submit the most recent EIS which has arisen through the planning process since the last licence review. The planning decision and planners report associated with the EIS should also be submitted. 	N/A
3(a)	Does this application relate to a site where an EIS has never been required at planning stage ?	NO
3(b)	If yes, you must provide confirmation in writing from the planning authority or An Bord Pleanála that an environmental impact assessment was not required by or under the Planning and Development Act 2000, as amended for each of the planning permissions associated with the site of the activity. This information should be included in Attachment N^o B.6.	N/A

B.6 (c) Planning under Consideration

Where there is currently a planning application under consideration with a Planning Authority or An Bord Pleanála for any aspect of the site to which this licence application relates:

1. Provide confirmation in writing from a planning authority or An Bord Pleanála, as the case may be, that an application for permission comprising or for the purposes of the activity to which the application for a licence relates is currently under consideration.
2. Complete the Planning under Consideration Table below, indicating whether an Environmental Impact Statement (EIS) is required by the Planning Authority/An Bord Pleanála as part of that application.
3. Where an EIS is not required by the Planning Authority/An Bord Pleanála for a planning application, you must provide confirmation in writing from the planning authority or An Bord Pleanála that an environmental impact assessment is not required by or under the Planning and Development Act 2000 in **each** case. This information should be included in **Attachment N^o B.6**.

Planning under Consideration Table:

Planning or Appeal Reference Number	Planning Authority (PA)/An Bord Pleanála (ABP)	Date of application	Brief description	Letter of confirmation from PA/ABP that application is under consideration?	EIS required with Planning Application? (Yes/No)	If "no", Letter of confirmation from PA/ABP that EIA is not required?
			N/A			
			N/A			

Note: Please be advised that in accordance with Section 87(1D)(d) of the EPA Act 1992, as amended, a Proposed Determination **cannot** issue on a licence application while a planning application (for a development comprising or for the purposes of an activity to which the licence application relates and for which EIA is required) is under consideration with a planning authority or An Bord Pleanála.

B.6 (d) Planning Granted

Where planning permissions have been granted for the site of the activity:

1. List all of the permissions relating to the site in the Planning Granted Table below and indicate whether an EIS was required by the Planning Authority/An Bord Pleanála as part of that permission. Submit the planners report and final decision for each permission granted that was associated with an EIS.
2. Where an EIS was not required by the Planning Authority/An Bord Pleanála for a planning permission, you must provide confirmation in writing from the planning authority or An Bord Pleanála that an environmental impact assessment was not required by or under the Planning and Development Act 2000 for **each** planning permission granted. This information should be included in **Attachment N^o B.6**.

Planning Granted Table:

Planning or Appeal Reference Number	Planning Authority/ An Bord Pleanála	Date of Planning Decision (Final)	Brief description	EIS required with Planning Application? (Yes/No)	If "no", Letter of confirmation from planning authority/An Bord Pleanála that EIA was not required?
PL.04.241 892 And Cork Co. Co.Ref No. 12/6635	An Bord Pleanála and Cork County Council	15/10/2013	Demolition of 6 Buildings & Construction of 8 no. low emission pig houses, extension of farrowing house 2 underground pig manure storage tanks, to cater for increase from 600 to 1500 integrated sow unit.	Yes Copy Attached	N/A
06/4260	Cork County Council	09/06/2006	12 no low emission pig houses consisting of dry sow house, farrowing house, services house, first stage weaner house, 3 no. second stage weaner houses, 5 no. fattening houses with loading bay, feed and pump house and 8 no feed bins to cater for increased from 280 to 600 integrated sow unit.	Yes Copy not attached as superseded by EIS with the above Planning permission.	N/A

Note: Please be advised that where planning permission has been granted or a planning application is under consideration, and in accordance with Section 87(1C) of the EPA Act 1992, as amended, the Agency shall **refuse to consider** the licence application if the applicant does not comply with the requirements of Section 87(1B) of the EPA Act.

B.6 (e) Exempted Developments and structures/modifications not regarded as "development".

Where any structure or modification on site has been determined by the planning authority or An Bord Pleanála to be "exempted development" or is considered not to be development, provide confirmation in writing from the relevant authority. List all of the structures/modifications considered to be "exempted development" or to not involve development in the table below.

Exempted Development/No Development:

Planning Authority/ An Bord Pleanála	Date of letter from PA/ABP confirming their determination	Brief description of structure/modification	Tick if exempted development	Tick if considered not to be development
		N/A		
		N/A		

B.6 (f) Other Consents Granted

List all consents (**other than planning permissions**) issued by any relevant competent authority (other than the planning authority/An Bord Pleanála) for the development relating to this application which required EIA to be carried out as part of the consent process e.g. a foreshore licence. These EISs are **not** required to be submitted with the licence application at this point.

Consent Reference Number	Competent Authority	Date of Grant of Consent	Brief description	EIS required with Consent Application?
			N/A	
			N/A	
			N/A	

Appropriate Assessment

Where applicable, provide a copy of any screening for Appropriate Assessment report and Natura Impact Statement (NIS) that was prepared for consideration by any planning/public authority as defined in Regulation 2(1) of the European Communities (Birds and Natural Habitats) Regulations 2011 (S.I. No. 477 of 2011) in relation to the activity. Where a determination that an Appropriate Assessment is required has been made by any planning/public authority in relation to the activity, a copy of that determination and any screening report and Natura Impact Statement (NIS), and any supplemental information furnished in relation to any such report or statement, which has been provided to the planning/public authority for the purposes of the Appropriate Assessment shall be included in **Attachment N^o B.6**.

Refer to Section No. 4 - Ecology in the attached Environmental Impact Statement for Appropriate Assessment /Natura Impact Statement Screening as defined in S.I. No. 477 of 2011.

Licences and permits

For existing activities, **Attachment N^o B.6** should also contain a table of references to all licences and permits past and presently in force at the time of submission of this application.

Licence/Permit reference number	Brief Description	Date granted	Currently in force? (Yes/No)
P0790-02	The rearing of pigs in an installation, whether within the same complex or within 100 metres of the same complex, where the capacity exceeds 750 places for sows in a breeding unit, or 285 places for sows in an integrated unit, or 2,000 places for production pigs	04/04/2012	YES



B.7. Relevant Regional Health Service Executive

The applicant should indicate the Regional Health Service Executive where the installation is or will be located.

Name: Health Service Executive

Address: North Lee Environmental Health Department

26, South Mall,

Cork.

Telephone No: (021) 4699555

B.8. Site Notice, Newspaper Advertisement and Planning Authority Notice.

Give the position of the site notice in accordance with Regulation 6 of the Regulations.

Attachment No B.8 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.

Refer to Attachment No. B.8 for all the above information.

B.9 Review of a licence

State the grounds on which an application for a review of a licence is being made and give the reference number to the relevant licence in the register.

Provide, where appropriate, a copy of the Office of Environmental Enforcement (OEE) correspondence that indicates that the reason for the review cannot be accommodated within the scope of the existing licence.

Include results of emission monitoring and other data, that enables a comparison of the operation of the installation with the best available techniques described in the applicable BAT conclusions and with the emission levels associated with the best available techniques in accordance with Section 86A(9) of the Act of 1992 as amended.

Where the OEE has agreed any variations or adjustments to the conditions or schedules of the existing licence, the licensee must provide details of these agreed variations and adjustments to the existing licence conditions. An updated, scaled drawing of the site layout (no larger than A3) providing visual information on such adjustments or variations where appropriate should be included.

In the case of once-off assessments/ reports required under conditions/ schedules of the existing licence the licensee must provide details of those assessments/ reports that have been completed and agreed with the OEE or as otherwise agreed.

Attachment N° B.9 shall include the schedule of variations and/or adjustments together with the updated drawing.

Condition/ Schedule No.	Existing Condition	OEE Agreement Reference	Description

Supporting information should be included in **Attachment N° B.9**

Review of the Existing Licence is required to facilitate the proposed increase in stock numbers. No variations to existing Licence agreed with Office of Environmental Enforcement.

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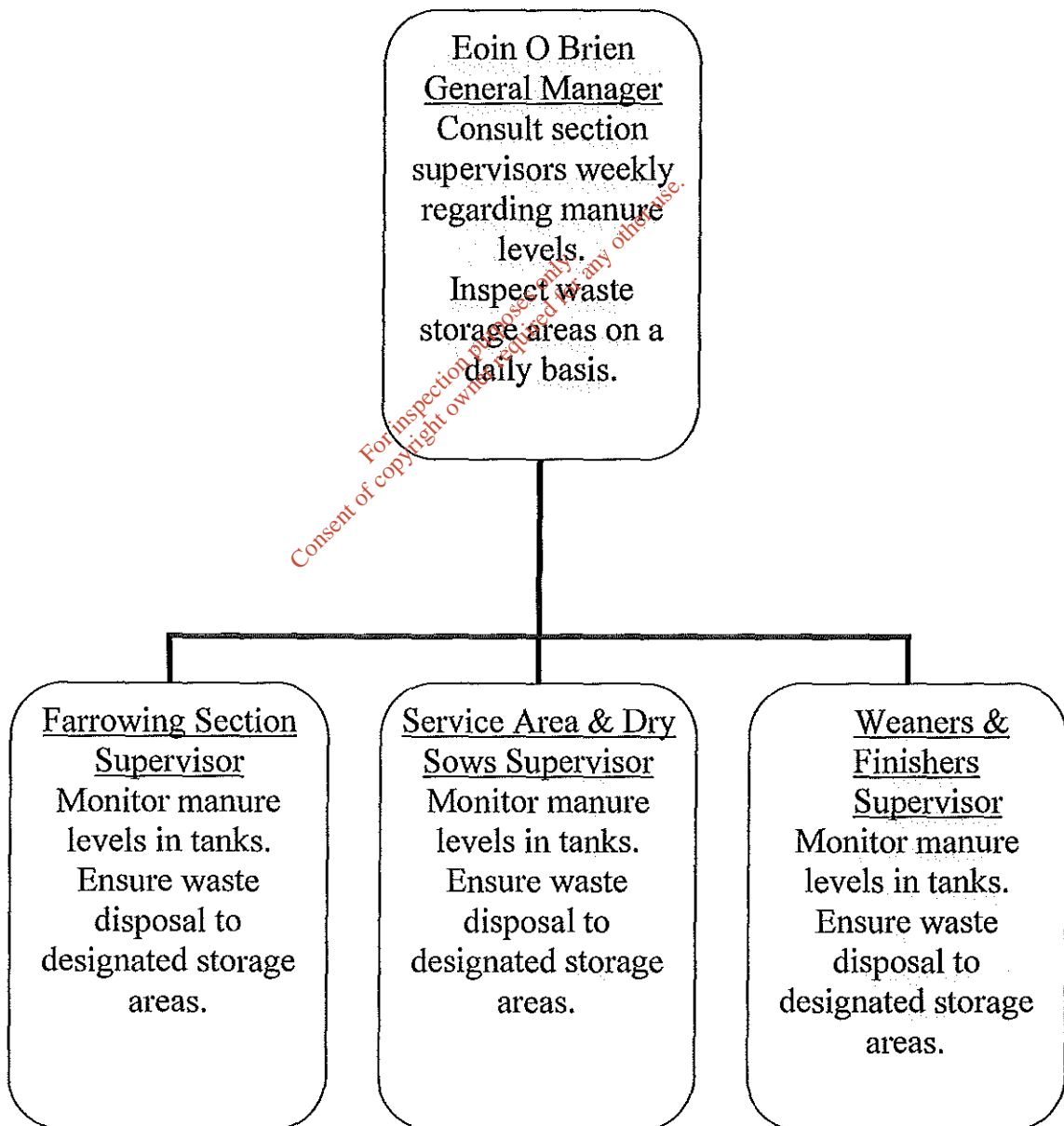
SECTION C MANAGEMENT OF THE INSTALLATION

C.1 Site Management & Control

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

Management Structure

Applicant is an existing pig producer with many years experience and has been awarded the Teagasc Certificate in Pig Production.



Quality Control Systems

The facility is certified under the Bord Bia Pigeat Quality Assurance Scheme and is in compliance with the quality standards demanded of participants in the scheme. In addition to this the facility is also a certified supplier of pigs under the British Red Tractor Farm Assurance Pig Standard. The unit is regularly audited by auditors of both schemes in order to ensure compliance. The unit is run as a minimal disease unit which demands high hygiene standards in order to ensure the optimum level of bio-security on the farm; this in turn ensures that animal mortalities and veterinary wastes are kept to an absolute minimum.

The extended facility will continue to function both as a Bord Bia Quality Assurance Scheme unit and as a supplier of pigs under the British Red Tractor Farm Assurance Pig Standard. The extended facility will continue to be run as a minimal disease unit. A program of vermin control will continue to be part of the management regime, the vermin control program involves the weekly inspection of vermin baiting points. Details of the weekly inspections and dates on which new bait is laid will be recorded on file. There is an in house training procedure on site to provide training to existing and new staff members, this including temporary staff.

Fit and Proper Person.

The EPA Act 1992, as amended, (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 Act 1992, as amended, the Waste Management Act 1996, as amended, the Local Government (Water pollution) Acts 1977 and 1990 or the Air Pollution Act 1987.

The applicant has not been convicted under the EPA Act 1992, as amended, the Waste Management Act 1996, as amended, 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.

The applicant is an existing pig producer with many years experience and has been awarded the Teagasc Certificate in Pig Production.

- 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 or in consequence of ceasing that activity.

The proposed development will take place on an existing pig production site with no existing liabilities. The new development will be constructed in compliance with Department of Agriculture and Cork County Council Guidelines and specifications and will be state of the art for the industry resulting in limited potential for liabilities. The licensee will retain adequate public liability insurance to cover any unforeseen accidents.

A signed **Declaration** is required indicating whether the applicant or other relevant person has current or past bankruptcy or other insolvency proceedings against them or has entered into an arrangement with its creditors or suspended its business activities.

This information should form **Attachment N^o C**.

We attach signed Declaration by the Applicant in Attachment C

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.

Plant Description

The existing facility involves the breeding and rearing of pigs for pork production, this will continue in the extended facility. In order for a pig unit to remain economically viable all inputs (e.g. feed veterinary and energy) must be used efficiently. The proposed unit will achieve efficient production by rearing commercial pigs selectively bred to achieve a fast growth rate and efficient conversion of feed to lean meat. Efficiency will also be achieved by operating the installation as a minimal disease unit with very strict biosecurity protocols. The proposal is to keep 1,500 sows in accommodation on site. The following is a description of the activities and processes that will continue to be carried out on site.

Artificial insemination will be used to serve the sows in the service area of the unit. The sows will then be loose housed in compliance with Statutory Instrument 311 2010 in the dry sow house during gestation. The sows will be moved to the farrowing house when they are due to farrow. The sows will spend four weeks in the farrowing house with their piglets, after this the piglets will be weaned and the sows will return to the service area. Cull sows that will not be retained for breeding will be sold to the pork factory after weaning.

The weaned piglets will be moved to the weaner houses immediately after weaning. The weaned piglets will be moved to the weaner house and after a number of weeks they are moved to the finisher housing. They remain in the finisher housing until they reach their required weights for slaughter and are then transported from the unit directly to the pork factory.

Pigs will be moved from one section of the unit to another on “an all in-all out basis”, after each movement of stock the vacated accommodation will be power washed and allowed to dry before the next batch of pigs will be moved in, this is best practice in the industry.

The unit will be operated as a minimum disease unit and for this reason it will operate as a closed herd i.e. no stock from outside the herd will be introduced, all replacement breeding stock will be bred from sows on the unit using artificial insemination sourced from a Department of

Agriculture approved pig breeding company. Ten boars will be kept in the service area in order to induce oestrus in sows by means of the "boar effect". The boars will not be used for breeding purposes.

All feed being used will be brought in from an approved specialist feed milling company. There will be no milling of feed taking place on site. Feed will be mixed with water on site and will be supplied to pigs as wet feed by pipeline using an automated feeding system. The main ingredients of pig feed being brought in are wheat, barley, maize and soya bean. Pig diets will be formulated for the different production stages in consultation with Devinish Nutrition Ltd. Pigs will have continuous access to water that will be supplied from a well on site.

Wastes such as animal carcasses from animals that die prematurely and veterinary waste in the form of used syringes will be removed from the facility by licensed waste disposal providers. Used fluorescent tubes will be stored on site and removed quarterly to a recycling facility. Pig manure will be stored on site in reinforced concrete tanks and will be removed by vacuum tankers to be applied as an organic fertiliser to customer farmers' lands.

Since the unit will be run as a minimum disease unit veterinary wastes and animal tissue waste will be kept to a minimum amount due to the high standard of biosecurity procedures that will be in force at the installation. The new buildings being installed will entail state of the art insulation and ventilation systems thus ensuring that they are low emission design housing and efficient users of energy inputs. Pig diets will be formulated to minimise emissions without compromising animal health and welfare.

All pig manure will be stored prior to land application in reinforced concrete tanks with leak detection systems that will conform to the Department of Agriculture, Food and the Marine specifications (S108, S144). At present there is an outdoor slurry storage lagoon and an over ground steel slurry storage tower. The slurry lagoon will be decommissioned as part of the proposed development while the slurry tower will remain in usage. The slurry tower is fitted with two lockable valves, and has an external ladder and railed platform to facilitate inspection.

A training procedure will be in place to provide on-going environmental training to staff members as required. Environmental training will also be provided for new staff members and for temporary staff. Details of training events will be retained on file.

D.2. Development and Operational History of the Site

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

A pig production unit has existed on this site since 1965 prior to this the land was used for agricultural purposes. The daily activities on the site involve the feeding, monitoring and normal management practices for the efficient production of pig meat. The staff on site implement and record all practices necessary for the proper management and monitoring of the site. This unit has operated as a 600 sow integrated unit with a proportion of the progeny produced being transported to a different leased unit approximately 20 miles away for finishing.

In order to ensure the future viability of the unit the proposal is to expand it to a 1,500 sow unit and to finish all progeny on site. The present practice of managing two separate facilities is not sustainable due to rapidly increasing transport costs and the general running costs of operating two separate facilities.

The Teagasc Development Strategy for the Irish Pig Industry 2008 to 2015 identified transport costs as being one of the main weaknesses of the Irish Pig Industry as well as the lack of investment in the upgrading of pig production facilities. In the Interim report presented to the Minister for Agriculture in 2010 by the Pig Industry Strategy Steering Group it was reported that increased output and employment in the Pig Industry could be achieved by increasing the national sow herd from 150,000 sows to 200,000 sows by 2015.

The proposed development will contribute to increased output of pig meat and increased employment in the sector. The proposed unit will give direct employment to nine staff members including a manager and will also give rise to fifty jobs in the pig meat processing, milling and service sectors thus creating an additional five jobs in the unit itself and an additional thirty jobs in the pig processing and service industries. The development will involve the installation of modern high spec pig manure storage facilities and modern state of the art low emission pig housing thus upgrading the pig production unit.

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

Refer to Attachment D for Flow Diagram of Activities –

Site Layout Plan Drawing No. 214037-04

SECTION E EMISSIONS

E.1. Emissions to Atmosphere

Fugitive emissions.

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

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

1. In order to prevent dust emissions all animal feed will be delivered to the site by lorry in covered containers. The feed will then be transferred from the lorry to sealed feed bins on site by means of a pipeline; this system prevents dust from escaping.
2. An automated wet feed system will be in operation; the animal feed will be mixed with water in an enclosed wet feed mixing unit located in the feed and pump house and will then be transported by pipeline around the unit to feed troughs in the pig pens. The automated feed system will be fitted with an alarm in order to alert staff in the event of a malfunction. The wet feed system prevents dust; this will be the system for all stock apart from newly weaned piglets which will be fed with dry feed.
3. The volume of dry feed given will be less than 2% of the total volume of feed on site. A proportion of the dry feed for the first stage weaners will be delivered in 25kg bags and will be stored on site.
4. A 200 millimetre buffer will be maintained at the top of all covered pig manure tanks in order to allow for the containment of gases. A 300 millimetre buffer will be maintained on the slurry tower in compliance with Statutory Instrument 31 of 2014 (i.e. the Nitrates Directive).
5. All animal accommodation will be covered thus preventing odour emissions.
6. Animal houses will be equipped with high tech computerised ventilation technology with a backup system to ensure optimum airflow through housing.
7. Carcasses will be stored in covered sealed containers on site in order to prevent odours.
8. Pig manure will be removed by vacuum pump and transported in leak proof containers to prevent odours.
9. Pig manure will be applied to customer farm lands in compliance with Statutory Instrument 31 of 2014.

10. Pig diets will be formulated with levels of protein that will reduce manure odours.

In summary there have been no complaints regarding dust or odour at the installation. Within the E.I.S. an Odour Assessment Report has been included in Appendix 3.

E.2 Emissions to Surface Waters

Tables E.2(i) must be completed.

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

E.2 Emissions to Surface Waters

There will be no emissions to surface waters from the site.

E.3. Emissions to Ground

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

Table E.3(i) must be completed.

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

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

Stormwater from the Site will be directed to the existing soakaways. A storm water monitoring point with inspection chamber, labelled SW1 (Grid Ref: E197421, N76518) will be provided as shown on the storm drainage layout plan drawing No 214037-02 attached. Storm water will consist of rain water from roofs and storm water will be directed to the designated soak ways. The storm water drainage system and monitoring points will be inspected weekly and analysed quarterly for chemical oxygen demand (C.O.D.). Details of the weekly inspections and quarterly laboratory analysis

will be recorded on file and the C.O.D. analysis results will be submitted to the Agency on the Annual Environmental Reports. There has been no incidence of high C.O.D. on storm water analysed from the existing installation.

See table E.3(i) – Annex 1 within the Application Form

E.3.B Landspreading

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

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

E.3B Landspreading

Pig manure produced on the holding will be land spread as an organic fertiliser on farms in the locality. The rates at which the pig slurry will be applied and the periods in which it will be applied will be in compliance with Statutory Instrument 31 of 2014 (i.e. the Nitrates Directive). An organic fertiliser register will be maintained on site. It will contain the names and herd numbers of customer farmers as well as the quantities of organic fertilisers moved and the dates on which they were exported. Details of organic fertiliser movements will be submitted annually to the Department of Agriculture and copies of the submissions will be retained on file.

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

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

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

E.3C Septic tanks/percolation area

There is an existing septic tank for the disposal of domestic sewage from the site. The only emission from the septic tank is to the percolation area. The location of the septic tank and percolation area are marked on the pig manure drainage layout plan drawing No 214037-01. The septic tank and percolation area were constructed when the original pig production unit was constructed in 1965 and there have been no problems or issues with the treatment system.

A site assessment/percolation test was carried out by Murphy McCarthy Consulting Engineers Ltd as part of the original I.P.P.C. licence application for the site. After completing the percolation test the subsoil was deemed suitable. The septic tank on site is a standard single house septic tank. Based on the E.P.A. Wastewater Treatment Manual Table 3 waste water loading rates for Industrial (without canteen) is 30 litres/day per person. The proposed installation will employ nine staff members; this would result in a daily loading of 270 litres per day. This is equivalent to 1.8 Population Equivalents, a population equivalent being 150 litres per day (E.P.A. Code of Practice Wastewater Treatments System (P.E. <10). Therefore the Hydraulic loading is far less than a single dwelling and the septic tank system is adequate to cater for the development.

E.4 Noise Emissions

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

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

E.4 Noise Emissions

The main source of noise on the unit will be from the animals during feeding time. The buildings within the facility will be well insulated and because of this the noise from the animals at feeding time will not be audible beyond the site boundary. In addition to this the site will be screened on three sides by a landscaped earthen berm providing a topographical obstruction to sound waves. There have been no complaints regarding noise from the installation to date.

For emissions outside the EPA Noise Guidance Note limit, see the Agency's *Guidance Note for Noise: Licence Applications, Surveys and Assessments in Relation to Scheduled Activities (NG4)* (2012) (available on www.epa.ie), 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.

SECTION F CONTROL & MONITORING

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

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

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

Stormwater from the Site will be directed to the existing soakaways. A storm water monitoring point with inspection chamber, labelled SW1 (Grid Ref: E197421, N76518) will be provided as shown on the storm drainage layout plan drawing No 214037-02 in Attachment No. F.1. Storm water will consist of rain water from roofs and storm water will be directed to the designated soak ways. The storm water drainage system and monitoring points will be inspected weekly and analysed quarterly for chemical oxygen demand (C.O.D.). Details of the weekly inspections and quarterly laboratory analysis will be recorded on file and the C.O.D. analysis results will be submitted to the Agency on the Annual Environmental Reports. There has been no incidence of high C.O.D. on storm water analysed from the existing installation.

See table F.1(i) – Annex 1 within the Application Form

SECTION G RESOURCE USE AND ENERGY EFFICIENCY

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

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

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

The resources that will be used on the proposed pig production unit are feed, heating oil, medication, electricity and water.

Pigs at the proposed installation will be fed specialist diets according to their production stage (See attachment D1 for production stages). There are different diet formulations for animals at different stages of production depending on their nutrient requirements; however the main ingredients that will be used in the diets are wheat, barley, maize and soya bean. The diet for each stage will be formulated by professional animal nutritionists and will be designed to match the pigs' nutritional requirements at each stage of production while minimising nutrient excretion.

All feeds will be purchased from feed companies; there will be no milling of feeds taking place on site. The pig feed will be delivered in covered trucks and will be piped directly into feed bins set in concrete. The feed will be piped from the feed bins to the indoor wet feed mixing unit where it will be mixed with water and then piped around the unit to the feed troughs. A small proportion of feed (<2%) will be fed dry to the newly weaned pigs. The dry feed will be in pellet form to eliminate the possibility of dust emissions. Refer to G1(i) within Attachment G for animal feed details.

Water will be used for feed mixing and power washing and cleaning down houses a proportion will also be consumed directly by the pigs themselves. The annual water usage at the installation will be submitted to the Agency in the Annual Environmental Report.

The types of veterinary medicines that will be used are; antibiotics (for illness treatment), anthelmintics (for treatment of internal parasite control), vaccines (for disease prevention), hormones (for pregnant/lactating sows), and mineral supplements (mainly iron for piglets). All veterinary medicines will be stored indoors in a specially designated refrigerator or in a specially designated cabinet in the store area. Used veterinary needles will be stored on site in sealed 12 litre containers for biannual collection by a licensed company.

The proposed facility will contain a closed pig herd (i.e. all replacement breeding stock will be bred on site) with no new stock being moved onto the site from another holding. In addition to this it will be run as a minimal disease unit with strict policies regarding personnel accessing the site. Both of these management policies will ensure that the requirement for veterinary medicines is kept to a minimum.

A disinfectant will be used in vacated animal houses prior to a new batch of pigs being moved in, this is best practice in the industry. The disinfectant will be stored indoors in the store area. Refer to G1(ii) within Attachment G for MSDS Sheets.

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 having regard to the relevant decision on BAT conclusions and/or BAT guidance 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 N^o G

Energy consumption on pig farms is mainly used for heating the farrowing and weaner houses, ventilation systems and fans, lighting, feed delivery and mixing, power washing and manure pumps for mixing and agitating pig manure. All proposed buildings will be constructed with state of the art insulation designs and all new equipment to be installed will be modern energy efficient equipment. The following BAT documents were consulted during the design process BREF on Intensive rearing of Poultry & Pigs (July 2003) & Best Available Techniques for Energy Efficiency (February 2009). The improved insulation on site and the new modern equipment will result in increased energy efficiency.

The proposed development will use oil and electricity to provide heat energy and will use electricity to power the lighting and feed systems. Electricity will also be used as an energy source for power washing of buildings and to agitate and pump pig manure when such activities are carried out. Electricity will be used to part power the ventilation system as natural ventilation will also be used at the proposed installation to ventilate buildings when it is possible to do so without compromising animal welfare or animal performance. There will be a standby generator on site to supply electricity in the event of a power cut.

Heating oil will be used as a fuel source for some of the heating systems at the installation. The heating oil will be stored on site in oil tanks which will be set above the ground on concrete blocks. The oil storage tanks will be double skinned with an in built alarm in addition to this the tanks will be bunded to a volume not less than the greater of the following



110% of the capacity of the largest tank or drum within the bunded area or 25% of the total volume of substance that could be stored in the bunded area. Bunds shall be designed having regard to Agency guidelines 'Storage and Transfer of Materials for Scheduled Activities' (2004).

In summary the new animal houses will be fitted with modern heating, ventilation and feeding equipment that has been designed to achieve optimum levels of energy efficiency. Achieving energy efficiency is essential in the modern pig industry in order to reduce production costs. The upgrade of equipment to achieve greater energy efficiency is ongoing at the existing installation. The proposed new facilities will further improve energy efficiency on the site. The consumption of oil and electricity at the installation will be submitted to the Agency in the Annual Environmental Report.

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SECTION H MATERIALS HANDLING

H.1 Raw Materials, Intermediates and Product Handling

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

The fridge and locked cabinet used for storing veterinary medicines will be kept in the dry store.

Pipelines will be used to transfer wet feed from the mixing unit around the farm to the pig pens. Pig manure will be stored in reinforced concrete tanks under the pig houses. Pig manure will also be transported from one storage tank to another by means of gravity flow via covered leak proof concrete channels.

The wastes that will be generated by the activity are as follows; domestic refuse, veterinary containers, animal tissue, used veterinary needles (sharps) and fluorescent light tubes. The system of recovery for each one of these wastes is given in Table H.3(i) - Annex 1 within the Application Form.

H.2 Waste Prevention

Describe in Attachment N^o H.2 the arrangements for the prevention of waste in accordance with Part III of the Waste Management Acts 1996 to 2013. Describe what measures will be taken to prevent the generation of waste to the extent possible. State whether the installation has participated in any projects under the National Waste Prevention Programme.

The proposed development will operate as a modern efficient minimum disease and high animal welfare pig production unit and will thus minimise waste. The wastes that will be produced are animal tissue waste, veterinary waste, and domestic waste and used fluorescent tubes. Animal tissue and veterinary waste will be minimised due to the management of the site as a high welfare minimum disease unit. Domestic waste from the canteen area will be segregated and recycled where possible while used fluorescent tubes will be stored in a designated area and removed to a recycling facility.

H.3 Describe the arrangements for the recovery or disposal of solid and liquid wastes generated by the installation.

Applicants should ensure that information is provided for each waste generated at the installation under each of the following headings:

- (a) Description & nature of waste
- (b) Source
- (c) European Waste Catalogue Code (Commission Decision 2000/532/EC, as amended)
- (d) Animal by-product category per EC Reg. 1069/2009 where relevant
- (e) Amount in tonnes per month
- (f) Location and method of disposal or recovery (on-site or off-site)

The following information should also be provided where appropriate:

- (g) Analysis of the waste (include test methods and Q.C.)
- (h) Its location of storage and the manner by which the integrity/impermeability of storage areas is maintained
- (i) Period or periods of generation of the waste

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

Summary Tables H.3(i) should also be completed, as appropriate, for each waste. The licence/permit register number of the waste collection agent or disposal/recovery operator should be supplied as well as the expiry date of the relevant permits

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

Refer to Table h.3(i) – Annex 1 within the Application Form for arrangements for the recovery / disposal of wastes this including: Animal Tissue, Canteen Waste & Packaging, Veterinary Medicine Containers, Used Veterinary Needles and Fluorescent Light Tubes.

SECTION I EXISTING ENVIRONMENT & IMPACT OF THE ACTIVITY

Describe the conditions of the site of the installation

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

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

I.1. Assessment of atmospheric emissions

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

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

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

The site of the installation contains an existing Industrial Emissions Licence (I.P.P.C. licence). The site is located in a rural area and there have been no complaints regarding atmospheric emissions from the installation.

Dust emissions from the proposed installation will be prevented as all animal feed will be delivered to the site by lorry in covered containers. The feed will then be transferred from the lorry to sealed feed bins on site by means of a pipeline; this system will prevent dust from escaping. An automated wet feed system will be in operation; the animal feed will be mixed with water in an enclosed wet feed mixing unit located in the feed and pump house and will then be transported by pipeline around the unit to feed troughs in the pig pens. The wet feed system prevents dust. This will be the system for all stock apart from newly weaned piglets which will be fed with dry feed. The volume of dry feed given will be less than 2% of the total volume of feed on site. A proportion of the dry feed for the newly weaned piglets will be delivered in 25kg bags in pellet form to eliminate the possibility of dust emissions.

A 200 millimetre buffer will be maintained at the top of all covered pig manure tanks and a 300 millimetre buffer will be maintained at the top of the slurry tower in order to allow for the containment of odour emissions. All animal accommodation will be covered thus preventing odour emissions.

Animal houses will be equipped with high tech computerised ventilation technology with a backup system in order to minimise emissions. Carcasses will be stored in covered sealed containers on site in order to prevent odours. Pig manure will be transported in leak proof containers to prevent odours. Pig manure will be applied to farm lands in compliance with Statutory Instrument 31 of 2014. Pig diets will be formulated with minimum levels of protein in order to reduce manure odours. Within the E.I.S. an Odour Assessment Report has been included in Appendix 3. Dwelling houses within 1 km of the installation are identified in Attachment No I.1. There are no areas of specialist interest within 5 kilometres of the site.

I.2 Assessment of impact of ground emissions

Baseline Report

In the case of an activity that involves the use, production or release of relevant hazardous substances (as defined in section 3 of the EPA Act 1992 as amended), and having regard to the possibility of soil and groundwater contamination at the site of the installation, provide a baseline report in accordance with section 86B of the EPA Act 1992 as amended. Has the Agency indicated in pre-application discussions that a baseline report is required?

A baseline report shall contain the information necessary to determine the state of contamination of soil and groundwater at the time the report is drawn up in order that a quantified comparison may be made to the state of the site upon the permanent cessation of the industrial emissions directive activity.

Guidance in relation to baseline reports is available on the EPA website at www.epa.ie.

The Baseline Report should be included in **Attachment I.2** and clearly labelled as such.

A Baseline Screening Report has been prepared and is included in Attachment I.2. Relevant hazardous substances as defined in section 3 of the E.P.A. Act 1992 as amended will not be produced or released at the proposed installation. The relevant hazardous substances that will be used and how they will be managed in order to prevent contamination of soil and groundwater at the installation are documented on the Baseline Screening Report. The Baseline Screening Report concluded that a Baseline Report is not required for the proposed installation.

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.

The results of groundwater sample analysis are given in Table I.2(i) – Annex 1 within the Application Form.

In the case of an activity that involves the use, production or release of relevant hazardous substances (as defined in section 3 of the EPA Act 1992 as amended), provide a baseline report in accordance with section 86B of the EPA Act 1992 as amended.

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.

Pig manure produced on the holding will be land spread as an organic fertiliser on farms in the locality. The rates at which the pig slurry will be applied and the periods in which it will be applied will be in compliance with Statutory Instrument 31 of 2014 (i.e. the Nitrates Directive). An organic fertiliser register will be maintained on site. It will contain the names and herd numbers of customer farmers as well as the quantities of organic fertilisers moved and the dates on which they were exported. Details of organic fertiliser movements will be submitted annually to the Department of Agriculture and copies of the submissions will be retained on file.

I.3 Ground and/or groundwater contamination

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

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

There are no records of historical contamination of ground water at this site. There has been a pig production unit on this site since 1965, prior to this the land use at the site was agricultural. A Groundwater Risk Assessment Report for this site has been completed and was submitted as part of the planning application, it is included as Appendix 2 within the Environmental Impact Statement.

I.4 Noise Impact.

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

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

There have never been any complaints regarding noise emissions from the existing installation. The main source of noise on the proposed facility will be from the animals themselves during feeding time. The proposed works will involve the demolition of existing dated facilities and replacing them with new modern structures. The new buildings will entail modern insulation and this will reduce the amount of noise audible outside of the buildings. In addition to this the unit will be screened by a landscaped earthen berm which will provide a topographical obstruction to sound waves around the site.

There are no significant sources of noise off site in the area as the proposed unit will be located in a rural area, the only activities around the area are agricultural ones that involve routine grassland and tillage husbandry practices typical of a rural area.

I.5 Environmental Considerations, Main alternatives and BAT

- 1.5a Describe in outline the main alternatives to the proposed technology, techniques and measures which were studied having regard to the reference document on Economic and Cross-media Effects.
- 1.5b Identify in the table below the relevant BAT reference document(s) (BREFs) and EPA BAT guidance document(s) having regard to the activity proposed or carried out at the installation. The documents identified are considered to be applicable to intensive rearing of poultry and pigs, however, additional BREFs and BAT guidance documents may be relevant and should be identified as appropriate.

These documents are available on the European IPPC bureau website at <http://eippcb.jrc.ec.europa.eu/reference/> and the EPA website <http://www.epa.ie/pubs/forms/lic/industrial%20emissions/>

Title of Document
Reference Document on Best Available Techniques for Intensive Rearing of Poultry and Pigs (July 2003)
Reference Document on Best Available Techniques on Emissions from Storage (July 2006)
Reference Document on Best Available Techniques for Energy Efficiency (February 2009)

- 1.5c In order to determine BAT for the installation, tabulate using table I.5(i) below, all of the conclusions on BAT from the Reference Document on Best Available Techniques for Intensive Rearing of Poultry and Pigs (BREF). To assist you with this, a pre-populated template document is available for download on the EPA website <http://www.epa.ie/pubs/forms/lic/industrial%20emissions/>.

For each BAT, in Table I.5(i), state whether it is applicable to your installation and describe how each BAT applies or not to your installation and provide information on your compliance with the requirement.

It may be useful to first identify all the 'Not Applicable' BATs and provide your reasoning in the 'Applicability Assessment' box as to why you consider this particular BAT is not applicable at/to your entire installation having regard to the scope/ definitions, general considerations and the information on applicability. (You may need to make reference to relevant processes/activities or individual emission points to provide a comprehensive response).

For each applicable BAT, state the status; 'Yes' or 'Will be' as appropriate, the use of each of these terms is described below. Information on compliance in the 'Applicability Assessment' box should include, where applicable, the following:

- (i) Identification of the relevant process/ activity or individual emission points that the BAT requirement applies to at your installation;
- (ii) Where BAT is to use one or a combination of listed techniques, specify the technique(s) implemented/proposed at your installation to achieve the BAT; and
- (iii) A comment on how the requirements are being met or will be met, e.g., a description of the technology/operational controls/management proposed to meet the requirements.

Use of terms:

- (a) 'Yes' - To be selected where the installation is currently compliant with this BAT requirement.
- (b) 'Will be' - To be selected where a further technique is required to be installed to achieve compliance with the BAT requirement. In this case you must also state the date by which the installation will comply with the BAT Conclusion requirement.

Please note the following:

- I. Refer to the EPA BAT Guidance Note(s) for any aspects of the activity not covered by the conclusions on BAT from the Reference Document on Best Available Techniques for Intensive Rearing of Poultry and Pigs or other relevant Conclusions on BAT documents.

I.5e Emerging Techniques

State whether you propose to test and use an 'emerging technique' in particular those identified in the BAT reference documents relevant to the activity:

Yes No

If yes, describe your proposal and include in **Attachment N°. I.5e.**

I.5f Other relevant conclusions on BAT

Please note that other reference documents may be relevant such as:

- (a) BREF on Emissions from Storage;
- (b) BREF on Energy Efficiency;

Other documents that may be relevant:

- (a) REF on Economic and Cross-media Effects;
- (b) REF on Monitoring of Emissions from IED installations;
- (c) Landfill Directive 1999/31/EC etc.

In this case tabulate using table I.5(i) below all the relevant BAT conclusions. Complete a separate table for each BREF and follow the instructions given above. To assist you with this, some pre-populated template documents are available for download on the EPA website:

<http://www.epa.ie/pubs/forms/lic/industrial%20emissions/>

I.5e Describe any environmental considerations which have been made with respect to the use of cleaner technologies, waste minimisation and raw material substitution.

I.5f 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 the waste hierarchy in Council Directive 98/2008/EC on waste and section 21A of the Waste Management Act 1996, as amended; where waste is produced, it is prepared for re-use, recycled or recovered or, where that is technically and economically impossible, it is disposed of while avoiding or reducing any impact on the environment (applicants should provide this information in the context of sections 29(2A), 32 and 38(5A) of the Waste Management Act 1996, as amended);
- (d) energy and other resources are used efficiently;
- (e) the necessary measures are taken to prevent accidents and limit their consequences;
- (f) the necessary measures are taken upon definitive cessation of activities to avoid any pollution risk and return the site of operation to a satisfactory state.

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

Table I.5 (i) CONCLUSIONS ON BAT (One table for each relevant BAT reference document)

Title of Document			
Reference Document on Best Available Techniques for Intensive Rearing of Poultry and Pigs (July 2003)			
BAT reference Number	BAT Statement	Applicability Assessment	State technique and whether it is in place or state schedule for implementation

Title of Document			
e.g Reference Document on Best Available Techniques on Emissions from Storage (July 2006)			



I.5 Environmental Considerations, Main alternatives and BAT

See attachment I.5 for conclusions on Best Available Technique.

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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.

Pollution prevention measures may, inter alia, include the following information;

- Details of storage of all raw materials, products and wastes;
- Details of spill or emergency containment measures and structures;
- Details of bunding, surface treatment, collection;
- The catchment area for each spill or run-off collection system;
- Information on possible contamination of ground, groundwater, or surface water from fire water run-off in the event of a fire on-site and any provision for containment. The Agency has published a guidance document on Fire-Water Retention Facilities (*Draft Guidance Note to Industry on the Requirements for Fire-Water Retention Facilities*).
- Transport of material within the site, solid, liquid or sludge transported by pipe, vehicle or conveyor; etc.,
- Potential points of contamination/areas most at risk.

Where accidents/incidents have occurred, a full description of the incident/accident should be provided together with closure liabilities together with costs associated with the site. Also you are required to include details on waste quantities and on any contaminated land/groundwater in order to provide the Agency with information on the level of risk.

Only sites which have unusual liabilities e.g. contaminated land/groundwater, require a suitable type and level of Financial Provisions, to be agreed by the Agency. Such provision, made available by the applicant, shall include cover for Environmental Impairment, or an agreed alternative, for an amount appropriate to the risks posed by the site.

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

There have been no accidents/incidents during the operation of the existing installation. The site does not have any unusual liabilities such as contaminated land/groundwater.

The raw materials stored on site will include, animal feed, water, heating oil and veterinary medicines. The animal feed, water and heating oil will be stored in specialist storage tanks while veterinary medicines will be stored in a designated refrigerator or cabinet. All storage tanks on the site

will be manufactured to a high specification in order to ensure the prevention of accidents.

Feed and water will be transported around the site by means of a pipeline. The automated feeding system and ventilation and heating systems will be state of the art for the industry and will be installed and maintained by specialist professionals. There will be alarms in place for the heating, ventilation, feed and water supply systems, in order to alert staff members in the event of a malfunction or momentary stoppage. A standby generator will be in place for use in the event of a stoppage in supply from the electricity mains. All fuel storage tanks and liquid feed storage tanks will be bunded to contain an outflow in the event of a leakage occurring. A supply of absorbent material will be retained on site to soak up any potential spillage to a bunded area.

The wastes that will be produced include domestic refuse, used veterinary medicine containers, used veterinary needles, animal tissue, fluorescent light tubes and pig manure. All waste products will be stored in specialist leak proof containment and will be disposed of appropriately as detailed in section F.

In the event of an incident occurring an investigation will be immediately carried out in order to investigate the nature, source and cause of the incident and any emission that may arise from it, the source of any such emission will then be isolated, measures to minimise the effects of an emission or malfunction will be undertaken. The date time and place of the incident will be recorded and the E.P.A. and other relevant authorities will be notified.

A documented Emergency Response Procedure is in place for the site. The Emergency Response Procedure sets out contact numbers for relevant personnel on site in the event of an emergency. The contact numbers of contractors and specialist technicians that may be required in an emergency are also set out on the document. It also includes contact numbers for local Gardaí, fire brigade and doctors. The procedure is displayed at the facility and a register is also in place on site to record any emergency events that may occur. The Emergency Response Procedure is reviewed regularly.

If a Class A disease outbreak were to occur the unit would come under the control of the veterinary section of the Department of Agriculture. However it is unlikely that such a situation will arise as it is more than 40 years since the last outbreak of a Class A disease in Ireland.

Fire extinguishers will be installed in the facility and all staff members will be instructed on the safety procedure in the event of a fire as detailed on the farm safety statement. In the event of a fire occurring that cannot be safely brought under control by staff members the emergency services will be alerted. In such a scenario fire water would be contained in the manure tanks under the pig housing thus preventing contamination of ground water and surface water.

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SECTION K REMEDIATION, DECOMMISSIONING, RESTORATION & AFTERCARE

For sites which have unusual liabilities e.g. contaminated land/groundwater, details are required of the arrangements to be made in the event of decommissioning of all or part of the operation so as to minimise the short-term and long-term effects of the operation on the environment after shut-down. Details of provisions **on such sites**, to decommission and render safe or remove all materials, waste, ground, plant or equipment contained on or in the site that may result in environmental pollution must be supplied in the form of a documented Decommissioning/Residuals Management Plan. Applicants are required to detail how this Plan, for such sites, will be financially underwritten.

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

There are no unusual liabilities on the site of the proposed installation such as contaminated land/groundwater

In the event of the enterprise having to cease operation then all pig feeding, pig production, pig manure production and waste production would also cease. There would be normal inputs still in stock such as feed in feed bins; oil in tanks and medicines in store, there would be pigs in houses and pig manure in tanks. There would also be some of the wastes present such as dead pigs, veterinary waste etc in their respective containers.

Waste materials would be removed by the approved contractors as would be the case during the normal operation of the enterprise. Saleable pigs would be sold to pork processing factories or to other pig producers for finishing or as breeding stock. All remaining feed, oil and medicines would be returned or sold back to their respective suppliers.

All vacated pig buildings would then be washed clean and all dirty wash water would be spread on farmland with the pig manure in compliance with S.I. No. 31 of 2014. The unit would then be left standing after making it secure and there would be no adverse impact on the environment. It is very unlikely that such a situation will arise due to the high initial capital investment required in the proposed unit.

SECTION L STATUTORY REQUIREMENTS

Indicate how the requirements of section 83(5)(a)(i) to (v) and (vii) to (xa) of the Act of 1992 shall be met, having regard, where appropriate, to any relevant specification issued by the Agency under section 5(3)(b) of that Act or any applicable best available techniques (BAT) conclusions adopted in accordance with Article 13(5) of the Industrial Emissions Directive 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 Part 3 of S.I. 477 of 2011, 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 Regulation 2(1) of S.I. 477 of 2011.

Undertake a screening for Appropriate Assessment and state whether the activity, individually or in combination with other plans or projects, is likely to have a significant effect on a European Site(s), in view of best scientific knowledge and the conservation objectives of the site(s). Where it cannot be excluded, on the basis of objective scientific information, following screening for Appropriate Assessment, that an activity, either individually or in combination with other plans or projects, will have a significant effect on a European Site, provide a Natura Impact Statement, as defined in Regulation 2(1) of the European Communities (Birds and Natural Habitats) Regulations (S.I. 477 of 2011). Where based on screening it is considered that an Appropriate Assessment is not required, provide a reasoned response.

Indicate whether or not the activity is liable to have an adverse effect on water quality in light of the European Communities Environmental Objectives (Surface Waters) Regulations 2009 (S.I. No. 272 of 2009).

Indicate whether any of the substances specified in the Schedule of the EPA (Licensing)(Amendment) Regulations 2004, S.I. No. 394 of 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.

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

Screening for appropriate assessment was carried out and is included in Section 4 – Ecology in the attached Environmental Impact Statement. A mammal report was also required as part of the planning process and that is also included in the Section 4 of the E.I.S. In summary the screening report concluded that an Appropriate Assessment was not required. The proposed project will not have an impact on sites or species designated in S.I. 477 of 2011 or under article 5 of the E.U. Habitats Directive (92/43/EEC) or a European Site as defined in Regulation 2(1) of S.I. 477 of

2011. The proposed site does not form part of a Natura 2000 site, Statutory Nature Reserve or National Park.

The site for the proposed project is located 8 kilometers away from the nearest Natura 2000 site. The proposed project will not result in the disturbance, fragmentation or loss of habitat from any Natura 2000 site. Furthermore it will not result in the disturbance of any waterfowl population that use the Natura 2000 site; it will not impact on water levels or water quality at the Natura 2000 site.

There will be no discharges to surface waters from the site and therefore water bodies listed under the Surface Waters Regulations 2009(S.I. No 272 of 2009) will not be adversely affected. There are no discharges as listed in the Schedule of S.I. No. 394 of 2004 from the proposed site to any of the relevant media listed in said Schedule.

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SECTION M DECLARATION

Declaration

I hereby make application for a licence / revised licence, pursuant to the provisions of the Environmental Protection Agency Act, 1992, as amended, 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 public inspection 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 or any person acting on the Applicant's behalf.

Signed by : Eoin O'Brien
(on behalf of the organisation)

Date : April 12th 2017

Name in block letters: MR EWIN O'BRIEN

Position in organisation : OWNER

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Company stamp or seal:
N/A



Annex 1 Tables

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

Emission Point:

Emission Point Ref. N°:	N/A
Source of Emission:	N/A
Location :	N/A
Grid Ref. (10 digit, 5E,5N):	N/A
Name of receiving waters:	N/A

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

Emission Point or Area: SW1 – Storm Water Monitoring Point

Emission Point/Area Ref. N ^o :	SW1
Emission Pathway: (borehole, well, percolation area, soakaway, landspreading, etc.)	Storm Water Soakaway
Location :	Eastern Side of Installation
Grid Ref. (10 digit, 5E,5N):	197421E, 76518N
Aquifer classification for receiving groundwater body:	LI – Locally Important
Groundwater vulnerability assessment (including vulnerability rating):	Moderate(M) to High (H)
Identity and proximity of groundwater sources at risk (wells, springs, etc):	No Springs or Wells in close proximity to the Soakaway
Identity and proximity of surface water bodies at risk:	No Surface Water bodies in close proximity to the Soakaway

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

Emission Point Reference No. : SW1 STORM WATER MONITORING POINT (GRID REFERENCE CO-ORDINATES E197421 N76518)

Parameter	Monitoring frequency	Accessibility of Sampling Points	Sampling method	Analysis method/ technique
Visual appearance & Flow Rate	Weekly	Accessible at the eastern side of the facility	Visual inspection	Weekly observations recorded on site register
Chemical Oxygen Demand	Quarterly	Accessible at the eastern side of the facility	Sample collected from the inspection chamber in a laboratory issued container	Sample submitted to an approved laboratory for C.O.D. analysis & the result will be retained on file and submitted to the Agency as part of the annual A.E.R.

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TABLE H.3(i): Generation of waste at the installation and its management

Waste description	EWC Code (use asterisk to indicate whether hazardous waste or not)	Category per Animal By-products Regulation 1069/2009	Source of waste	Quantity generated (tonnes per month)	Location of recovery of disposal (on-site, off-site, exported)	Method of recovery or disposal (e.g. recycling, energy recovery, other incineration, landfill)
Domestic Refuse	20 03 01	N/A	Work areas & Canteen	0.50 tonnes approx.	Off site	Landfill
Used Medicine Containers	02 01 99	N/A	Vet, Chemist & Animal Houses	50 bottles / month approx.	Off Site	Empty Containers delivered to recycling centre
Animal Tissue	02 01 02	Animal by product not to be used for human consumption	Animal Houses	6 tonnes approx.	Off site	Delivered to a licensed rendering plant.
Sharps	18 02 02	N/A	Animal Houses	12 litre container biannually	Off Site	Collected
Fluorescent Light Tubes	20 01 21	N/A	Buildings throughout unit	4 tubes / month approx.	Off Site	Delivered to recycling centre

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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
	18/07/13	19/12/13	21/08/14	01/12/14			
pH	6.88	N/A	7.43	N/A	Composite	6.5 – 7.5	pH Meter
Ammoniacal nitrogen NH ₄ -N	0.03	N/A	0.02	N/A	Composite	0 – 0.03	Calorimetric test
Phosphate PO ₄	<0.01	N/A	0.03	N/A	Composite	0 – 0.12	Calorimetric test
Faecal coliforms (/100mls)	0	0	0	0	Composite	0	Membrane Filtration
Total coliforms (/100mls)	0	0	0	0	Composite	0	Membrane Filtration
Water level (m OD)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Phosphate PO ₄	<0.01	N/A	0.03	N/A	Composite	0-0.12	Calorimetric test
Faecal coliforms (/100mls)	0	0	0	0	Composite	0	Membrane Filtration
Total coliforms (/100mls)	0	0	0	0	Composite	0	Membrane Filtration
Water level (m OD)	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

Land Owner	Townlands where landspreading	Map Reference	Fertiliser P requirement for each farm
	See Section I2		*NMP must take account of on-farm slurry

Total P requirement of the client List _____

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TABLE I.2(iii): LANDSPREADING

Land Owner/Farmer See Section I2

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)

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TOTAL VOLUME THAT CAN BE IMPORTED ON TO THE FARM.

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