



Integrated Pollution Prevention and Control Licensing

Application Form Pig & Poultry Sector

EPA Reg. N^o:

(Office use only)

This document does not purport to be and should not be considered a legal interpretation of the provisions and requirements of the EPA Acts 1992 and 2003.

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Environmental Protection Agency

Application for an Integrated Pollution Prevention and Control Licence

Environmental Protection Agency Acts, 1992 and 2003.

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INTRODUCTION

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

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

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

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

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

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

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

CHECK LIST FOR ARTICLE 10 COMPLIANCE

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

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

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

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

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

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

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

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

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

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

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

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

LOCATION	Section L	
CHECKED	Applicant <input 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 made or are to be made,

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

LOCATION	Attachment B.7	
CHECKED	Applicant <input 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 article 7,

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

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

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

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

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

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

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

- (iv) monitoring and sampling points, and

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

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

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

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

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

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

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

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SECTION A NON-TECHNICAL SUMMARY

Non-Technical Summary of IPC Licence Application

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

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

A description of:

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

Supporting information should form **Attachment N° A.1**

This application on behalf of Mr Tim Cullinan of Woodville Pig Farms Ltd., of Woodville, Ballymackey, Nenagh Co. Tipperary.

This application is for review of licence Ref Reg. No. PO467-01 to include the following sites, which are under the ownership and control of the applicant Woodville Pig Farms Ltd.

Each site has been given a reference number as follows

Site 1. Anaerobic Digester at Ballaghveny

Ref: AD

A review of licence Ref Reg. No. PO467-01 to include a proposed anaerobic digester.

Site 2. Fattening Unit at Ballyknockane

Ref: FU

Existing fattening unit at Ballyknockane, Nenagh, Co. Tipperary. It is proposed to demolish 11 No. old pig fattening houses to allow for the construction of 3 replacement houses as part of the review process.

Site 3. Woodville Pig Farm at Woodville

Ref: WPF

A review of licence Ref Reg. No. PO467-01 at Woodville Pig Farm at Woodville Ballymackey, Nenagh, Co. Tipperary. As part of the review the applicant proposes to include a new dry sow house and other ancillary service buildings.

The planning permission for the anaerobic digester and the fattening unit are currently with An Bord Pleanála. A full EIS for these proposals is attached in Attachment A.1

As part of that review of the activities at Woodville pig Farm (WPF), the applicant is proposing to construct a new dry sow house and other minor works, by way of permission to North Tipperary County Council. As the house is for welfare purposes, and will not result in an increase in pig numbers, an EIS is not required. A full copy of the planning application is attached at A.1

Non-technical Summary

Site 1. Anaerobic Digester at Ballaghveny

Ref: AD

This proposal for permission is to construct an anaerobic digester at Ballaghveny (Grid Ref E97250 N81800) on an existing pig farm at Ballaghveny, Ballymackey, Nenagh, Co. Tipperary (Grid Ref E972505, N818000), is being put forward by NRGE (Nutrient Recovery to Generate Electricity) Ltd, whose registered office is at Mooresfort, Lattin, Co. Tipperary. This application has been prepared and submitted by NRGE on behalf of Woodville Pig Farms Ltd, (Site Owners), whose registered office is at Woodville, Ballymackey, Co. Tipperary to improve the environmental performance of existing associated pig farms, in ownership of the applicant, and at the same time to generate green energy, and a balanced fertilizer. This proposed development complies with the requirements of the IPC license of one of the associated pig farms (IPC Reg No P0467-01), which required "The investigation of the possibility of alternative treatment technologies such as digestion for the disposal of slurry" The facility will conform to the highest standards. This development comprises of an activity in relation to which a licence under Part IV of the new first schedule to Environmental Protection Agency 1992 as amended by Protection of the Environment Act 2003 is required.

The development will occupy a landscaped site of approximately 9.33 hectares, (23.1 acres). The proposed works will also provide for the construction of two No. grain stores and a mill, which will supply milled grain to adjacent farms. It is planned to utilise the heat from the adjacent CHP plant of the proposed gas turbines to dry the grain. This will negate the use of fossil fuels currently used for this purpose. This proposed development will help the associated pig farms to comply with the new Nitrate Directive Regulations, and incorporates emission reduction measures.

The buildings and their layout will be state of the art for the industry. All clean water from the site, will be collected via the stormwater collection system (See Site Layout Plan, in Appendix 3 of Attached EIS), and directed into the monitoring point identified as S1, which is marked on said drawing. This monitoring point will be visually inspected weekly, and sampled quarterly. Each of the proposed structures will have an independent leak detection system, with individual inspection chambers, where applicable. These which will be connected to a site inspection chamber, which will be regularly inspected.

This proposed development complies fully with the requirements of the IPC Licence Reg No P 0467-01, issued by the Environmental Protection Agency, in respect of an associated pig farm, located 1 km distance from the proposed site. There is a second pig farm in the area which is a fattening unit associated with Woodville Pig farm, and is located 1.5 km from the proposed site.

The main components of this proposal are;

Removal of pig manure from under pig houses on the referenced pig farms to the proposed anaerobic digester for treatment within 2-4 weeks of production.

Construction of 2 No. Grain Stores for drying and storage of locally produced grain, prior to milling and resale to local pig farms. It is planned to purchase grain from customer farms that use digestate as a fertiliser source.

Treatment of pig manure in anaerobic digester adjacent to site, to produce electricity, heat, and a uniform balanced fertiliser for supply to local customer farms.

Provision of new animal houses providing area compliance with Animal Welfare Regulations.

Provision of covered pig manure storage to replace existing open Pig Manure Storage tanks.

Provision of independent leak detection systems under all proposed structures on site
Covering of all passageways used by pigs.

Bunding of all feed tanks and fuel tanks on site.

The estimated annual production of pig manure from the two referenced pig farms is 15,000 M3 from the Ballyknockane fattening unit, and 11,000 M3 from Woodville Pig Farm. The location of these units in relation to the proposed site are identified in a location map (Scale 1:50,000) included in Attachment 1 of the Attached EIS. Therefore the total volume of pig manure to be treated by the proposed Anaerobic Digester is therefore 26,000M3 annually.

It is planned to import an additional 11,000 tonnes of organic material per annum to mix with the pig manure to increase the efficiency of the proposed Anaerobic Digester. This organic material will be added directly to the mixing tank and will be green crop (maize, grass, oil seed or corn), or alternatively will be belly grass from adjacent meat factories, cake sludge from adjacent dairy processing plants, or fish waste etc. It is proposed to use only organic materials that are currently being applied to land, in accordance with Dept of Agriculture recommendations, as this process will greatly reduce current environmental impacts, in accordance with current landspreading directives. The approval of the Environmental Protection Agency, North Tipperary County Council and the Department of Agriculture will have to be granted to permit the treatment of other waste types at this proposed anaerobic digester.

Steps have been taken in the selection of the customer farms whereupon it is proposed to use digestate and in designing the management of its use to ensure that no contamination of surface and groundwater takes place. The proposed development of an anaerobic digester on site will significantly reduce the risk to surface and groundwater.

Following a detailed review of all available alternative technologies, to treat pig manure, as required by IPC licence P0467-01, it has been decided that the most suitable technology for is Anaerobic Digestion, which is simply the natural breakdown of organic waste in the absence of air. A Digester is simply a warmed, mixed, airless vessel which creates ideal conditions for the necessary bacteria, to naturally break down this material. A chain reaction of different bacteria, attack the carbon in the digesting material, giving off methane gas as biogas (65% Methane). This gas can be collected, contained, and then burned to create electricity, and/or heat, or in some cases processed further into a vehicle fuel. It is now accepted within the EU that farming and life in general must become more sustainable with regard to care taking of the environment, and maintaining rural life. There is now a significant

amount of legislation that is demanding this sustainable and integrated approach. The use of anaerobic digestion can help to meet many of these targets

The pig manure produced on this pig farm will provide the majority of the required fuel for this anaerobic digester
The additional inputs required will be sourced, and transported to the facility by lorry, at a rate of 9-13 loads per week.
The gas generated will be used to supply power for the pig farm, and heat, replacing oil usage.
The excess power will be exported.
The solids will be separated, including 70-80% of the P.
The liquid fertiliser will be used on customer farms, in accordance with a fertiliser plan.
The odour impact of spreading digestate vv pig manure will be reduced by 80% min.
The digestion process will destroy 98% of all pathogens & parasites.
The digestate is relatively stable, and will not produce a crust in storage.
The digestion process will kill all weed seeds.
The digestate is a pleasant, clean and easy material to handle.

An Environmental Impact Assessment was carried out in support of the application for planning permission. This entailed surveys of land quality in relation to soil drainage status, soil chemical fertility and farm husbandry practices. Surveys of water for quality analyses, hydrogeological surveys and mapping of customers farmlands, whereupon it is proposed to use digestate were also undertaken. Flora & Fauna, archaeological monuments and traffic levels were also noted. The following statements may be made.

The customers lands selected whereupon pig manure will be used are well drained and are mostly deficient to low in phosphorus, one of the main plant nutrients supplied by pig manure. No contamination of surface waters with run-off waters containing high phosphorus content can be foreseen with the applied management. Neither will contamination of groundwater with nitrate-nitrogen take place. All plots with a soil P level in excess of 8 mg/l have been excluded from pig manure spreading, at this time. These plots may be applied with digestate in the future, if current P levels are reduced.

The quality of the surface and groundwater leaving the area of customer farms is good.

The impacts from traffic, noise and odours at the pig unit are insignificant after all practical steps have been taken to mitigate them.

Digestate will be applied using tankers equipped with low trajectory splash plate or the band spreading method.

Proposals for monitoring surface and ground waters at the site are set down in the Environmental Impact Statement. A register of digestate quantities, date of delivery and name and farm code of landowner will be maintained for inspection by North Tipperary County Council, and the EPA at all reasonable times.

The flora, fauna and habitats of the site were studied. See report by Carl Dixon of Dixon Brosnan Environmental Consultants (Appendix No. 4 of the Attached EIS). Flora

and fauna should not be affected by this development. There will be no loss of habitat.

There will be no damage to any site of archaeological or historic interest as a result of the development or digestate applications. There is an archaeological report included in appendix No 6.

Disturbance of the landscape will be minimal during the construction period. The site will be suitably landscaped, with the planting of trees etc., in a manner sensitive to the environment. This site is not in or near any NHA, SAC or SPA and does not threaten any such site in any way.

There will be no negative effects on tourism in the area.

The development will have a positive impact on human beings from the increased employment it will create, and the resultant reduction of existing impacts from emissions. The development is located in an agricultural area the buildings will blend into the surrounding area. Also, the development will be landscaped with a screening of trees, shrubs and flowers. Thus, there will be no nuisance or loss of amenity.

Effects of the development on air are insignificant outside the buildings and adjoining yards. Mitigation measures taken will minimise the effects of odour on the days of digestate spreading. The application of digestate if the proposed development on an anaerobic digester should proceed will replace the current practice of pig manure application to land, resulting in an 80% reduction of odours generated, due to gas extraction. Pig manure will also be moved fresh from the two associated pig farms to the Anaerobic Digester, every 2-4 weeks, thereby further reducing emissions from the pig farm. Inserting the slurry tankers armoured suction hose in a fixed pipe in the walls of the pig manure tanks will minimise the effects of odour as will the use of a low trajectory splashplate and/or bandspreader, and adhering to the Code of Good Practice for Spreading of Slurry.

Noise levels from the development are unlikely to be a nuisance. The main sources of noise on the development will be from feed delivery vehicles. However, at a distance of 100 metres from the development noise levels are not greatly above background noise levels.

The development will have an insignificant effect on the climate of the area.

Thus the measures that have been put in place will ensure that impact/effects of the Development on human beings, noise, air, climate and the interaction of human beings, Fauna, soils, air, water, climate, landscape and material assets will be minimised.

In a discussion paper published by the Environmental Protection Agency (January 2005), it concluded that "Anaerobic Digestion has the potential to deliver multiple environmental benefits, including reduced water pollution potential, lower green house gas emissions, and reduced odours from agricultural slurries."

This proposed development has the potential to benefit all stakeholders adjacent to the proposed site and the customer farms. The nett result of this proposed development will be a reduction of existing impacts to the order of at least 50%, from the site and 80% from the application of digestate in place of pig manure to customer farms.

This proposed development has the potential to provide an economic outlet for crops grown by customer farmers in the area, on lands that may not otherwise be utilised fully. These crops can be fertilised by the digestate from the process.

In line with the submission of this planning application NRGE (Nutrient Recovery to Generate Electricity Ltd), circulated an information pack to all public representatives in the hinterland of this development, along with the local press, and additional copies will be made available to all stakeholders who make contact with them in writing to Mooresfort, Lattin Co Tipperary. It is the intention of the NRGE (Nutrient Recovery to Generate Electricity Ltd), to make all relevant information available to all stakeholders.

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Site 2. Fattening Unit at Ballyknockane

Ref: FU

This applicant intends to demolish 11 No. old pig fattening houses to allow for the construction of 3 No. new modern pig fattening houses and associated site works on an existing pig farm at Ballyknockane, Ballymackey, Nenagh, Co. Tipperary (Grid Ref E1981550, N822050). The application is being put forward by NRG (Nutrient Recovery to Generate Electricity) Ltd, whose registered office is at Mooresfort, Lattin, Co. Tipperary. This application has been prepared and submitted by NRG on behalf of Woodville Pig Farms Ltd, (Site Owners), whose registered office is at Woodville, Ballymackey, Co. Tipperary to improve the environmental performance of the existing facility. The facility will conform to the highest standards. This development comprises of an activity in relation to which a licence under Part IV of the new first schedule to Environmental Protection Agency 1992 as amended by Protection of the Environment Act 2003 is required at Ballyknockane, Ballymackey, Nenagh.

The development will occupy a landscaped site of approximately 2.74 hectares, (6.77 acres). The proposed works will not increase the stock numbers on site, which is currently 8,000 pigs reared to bacon weight, but rather provide compliance with the forthcoming E.C. Regulations on Animal Welfare, Nitrate Directives, and incorporates emission reduction measures, along with the replacement of existing old structures on site.

The buildings and their layout will be state of the art for the industry. All clean water from the site, is collected via the stormwater collection system (See Site Layout Plan, in Appendix 2 of the attached EIS), and directed into the monitoring point identified as SW1, which is marked on said drawing. These monitoring points are visually inspected weekly, and sampled quarterly. All soiled water is diverted into the adjacent pig manure storage tanks. Each of the proposed structures will have an independent leak detection system, with individual inspection chambers, which will be connected to a site inspection chamber at the south western end of the site identified as LD1, on the site layout plan.

The main components of this proposal are;

- Provision of new animal houses providing area compliance with Animal Welfare Regulations.
- Provision of covered pig manure storage to replace existing open Pig Manure Storage tanks.
- Provision of independent leak detection systems under all proposed structures on site
- Covering of all passageways used for pig movement.
- Removal of pig manure from under pig houses to proposed anaerobic digester for treatment within 2-4 weeks of production.
- Bunding of all feed tanks and fuel tanks on site.

The estimated annual production of pig manure from this pig farm is 15,276 m³.

The pig farms and anaerobic digester will give direct employment to 12 staff members in total. It will also give rise indirectly to another 40 jobs in the pig meat processing, milling and service sectors.

The application of animal manure to farmland is now regulated under S.I. No. 378 of 2006 and distribution of manure from this site will comply with those regulations. This facility is entitled to supply manure to any local farmer who wants it, and is obliged to record all dispatches from the holding and the farmers acquiring manure are obliged to record all consignments acquired and to use it in compliance with the regulations. Manure will not be supplied to customer farms between 15th October and 31st January in any year except with the consent of the local authority, or any other relevant authority. Outside that period, manure will be supplied from the site to a customer farmer, only in response to an order. Managed and used in this way, manure produced at this facility will not have any adverse impact on environmental parameters either inside or outside the site.

Steps have been taken in the selection of the customer farms whereupon it is proposed to use digestate and in designing the management of its use to ensure that no contamination of surface and groundwater takes place. The proposed development of an anaerobic digester on an adjacent site will significantly reduce the risk to surface and groundwater.

An Environmental Impact Assessment was carried out in support of this application. This entailed site surveys of water quality analyses, hydrogeological surveys, Flora & Fauna, archaeological monuments and traffic levels were also noted. The following statements may be made.

The customers lands selected whereupon pig manure will be used are well drained. No contamination of surface waters with run-off waters containing high phosphorus content can be foreseen with the applied management. Neither will contamination of groundwater with nitrate-nitrogen take place

The quality of the surface and groundwater leaving the area of customer farms is good.

The impacts from traffic, noise and odours at the pig unit are insignificant after all practical steps have been taken to mitigate them.

Pig manure will be applied using tankers equipped with low trajectory splash plate or the band spreading method.

Proposals for monitoring surface and ground waters at the site are set down in the Environmental Impact Statement. A register of digestate quantities, date of delivery and name and farm code of landowner will be maintained for inspection by North Tipperary County Council, and the EPA at all reasonable times.

The flora, fauna and habitats of the site were studied. See report by Carl Dixon of Dixon Brosnan Environmental Consultants (Appendix No. 4 of the EIS). Flora and fauna should not be affected by this development. There will be no loss of habitat.

There will be no damage to any site of archaeological or historic interest as a result of the development or digestate applications. An archaeological report is included in appendix No 8 of the EIS.

Disturbance of the landscape will be minimal during the construction period.

The site will be suitably landscaped, with the planting of trees etc., in a manner sensitive to the environment. This site is not in or near any NHA, SAC or SPA and does not threaten any such site in any way.

There will be no negative effects on tourism in the area.

The development will have a positive impact on human beings from the increased employment it will create, and the resultant reduction of existing impacts from emissions. The development is located in an agricultural area and the buildings will blend into the surrounding area. Also, the development will be landscaped with a screening of trees, shrubs and flowers. Thus, there will be no nuisance or loss of amenity. A landscaping report is included in appendix No 13 of the EIS.

Effects of the development on air are insignificant outside the buildings and adjoining yards. The ventilation system will ensure that foul air is dispelled high into the atmosphere where it will mix with fresher air and thus minimise odour. Mitigation measures taken will minimise the effects of odour from this pig farm by the replacement of 4 No existing open pig manure storage tanks with an engineered geomembrane covered storage basin. If the proposed development on an anaerobic digester at Ballaghveny, Ballymackey, Nenagh, Co. Tipperary should proceed, the current practice of pig manure application to agricultural land will be replaced by application of digestate, resulting in an 80% reduction of odours generated, due to gas extraction. Pig manure will also be moved fresh from the farm to the Anaerobic Digester, every 2-4 weeks, thereby further reducing emissions from the pig farm. Low protein diets are being utilised on site, which can achieve a reduction of 30%, of emissions from the site. Inserting the slurry tankers armoured suction hose in a fixed pipe in the walls of the pig manure tanks will minimise the effects of odour as will the use of a low trajectory splashplate and/or bandspreader, and adhering to the Code of Good Practice for Spreading of Slurry.

Noise levels from the development are unlikely to be a nuisance. The main sources of noise on the development will be at feeding time (10-15 minutes) and from feed delivery vehicles. However, at a distance of 100 metres from the development noise levels are not greatly above background noise levels.

The development will have an insignificant effect on the climate of the area.

Thus the measures that have been put in place will ensure that impact/effects of the Development on human beings, noise, air, climate and the interaction of human beings, Fauna, soils, air, water, climate, landscape and material assets will be minimised.

In a discussion paper published by the Environmental Protection Agency (January 2005), it concluded that "Anaerobic Digestion has the potential to deliver multiple environmental benefits, including reduced water pollution potential, lower green house gas emissions, and reduced odours from agricultural slurries."

This proposed development has the potential to benefit all stakeholders adjacent to the proposed site and the customer farms. The nett result of this proposed development will be a reduction of existing impacts to the order of at least 50%, from the site and 80% from the application of digestate in place of pig manure to customer farms, should the proposed anaerobic digester be constructed.

Site 3. Woodville Pig Farm at Woodville

Ref: WPF

This proposal is to review licence Ref Reg. No. PO467-01 to include a new dry sow house at Woodville Pig Farm at Woodville Ballymackey, Co. Tipperary. (Grid Ref E972505, N818000 and the activities at Site 1. Anaerobic Digester at Ballaghveny , and Site 2. Fattening Unit at Ballyknockane.

This review had been prepared by NERGE (Nutrient Recovery to Generate Electricity) Ltd, whose registered office is at Mooresfort, Lattin, Co. Tipperary. This application has been prepared and submitted by NERGE on behalf of Woodville Pig Farms Ltd, (Site Owners), whose registered office is at Woodville, Ballymackey, Co. Tipperary to improve the environmental performance of the existing facility. The facility will conform to the highest standards. This development comprises of an activity in relation to which a licence under Part IV of the new first schedule to Environmental Protection Agency 1992 as amended by Protection of the Environment Act 2003 is required at Ballyknockane, Ballymackey, Nenagh.

The development occupies a landscaped site of approximately 4 hectares.

The proposed works will not increase the stock numbers on site, which are currently at

Farrowing/Suckling Sows	350
Dry Sows	850
Maiden Gilts	300
Boars	15
Weaners	6600

The application will assist in providing compliance with the forthcoming E.C. Regulations on Animal Welfare, Nitrate Directives, and incorporates emission reduction measures, as required by their IPPC Licence, along with the construction of a new fattening shed..

The buildings and their layout are state of the art for the industry. All clean water from the site is collected via the stormwater collection system. This drainage system discharges to the stream draining the Brownstown, Ballaghveny, Woodville and Doonybrook townlands through one outfall SW1. An internal monitoring point SW2 is also monitored. These monitoring points are visually inspected weekly, and sampled quarterly. All soiled water is diverted into the adjacent pig manure storage tanks. The proposed structure will have an independent leak detection system, with individual inspection chambers.

The estimated annual production of pig manure from this pig farm is 11,000 m3.

The pig farm and associated activities will give direct employment to 12 staff members in total. It will also give rise indirectly to another 40 jobs in the pig meat processing, milling and service sectors.

The application of animal manure to farmland is now regulated under S.I. No. 378 of 2006 and distribution of manure from this site will comply with those regulations. This facility is entitled to supply manure to any local farmer who wants it, and is obliged to record all dispatches from the holding and the farmers acquiring manure are obliged to record all consignments acquired and to use it in compliance with the regulations. Manure will not be supplied to customer farms between 15th October and 31st January in any year except with the consent of the local authority, or any other relevant authority. Outside that period, manure will be supplied from the site to a customer farmer, only in response to an order. Managed and used in this way, manure produced at this facility will not have any adverse impact on environmental parameters either inside or outside the site.

Steps have been taken in the selection of the customer farms whereupon it is proposed to use digestate and in designing the management of its use to ensure that no contamination of surface and groundwater takes place. The proposed development of an anaerobic digester on an adjacent site will significantly reduce the risk to surface and groundwater.

The customers lands selected whereupon pig manure will be used are well drained. No contamination of surface waters with run-off waters containing high phosphorus content can be foreseen with the applied management. Neither will contamination of groundwater with nitrate-nitrogen take place.

The quality of the surface and groundwater leaving the area of customer farms is good.

The impacts from traffic, noise and odours at the pig unit are insignificant after all practical steps have been taken to mitigate them.

Pig manure will be applied using tankers equipped with low trajectory splash plate or the band spreading method.

Proposals for monitoring surface and ground waters at the site are in place. A register of digestate quantities, date of delivery and name and farm code of landowner will be maintained for inspection by North Tipperary County Council, and the EPA at all reasonable times.

There will be no damage to any site of archaeological or historic interest as a result of the development or digestate applications.

Disturbance of the landscape will be minimal during the construction period. The site will be suitably landscaped, with the planting of trees etc., in a manner sensitive to the environment. This site is not in or near any NHA, SAC or SPA and does not threaten any such site in any way.

There will be no negative effects on tourism in the area.

The development will have a positive impact on human beings from the increased employment it will create, and the resultant reduction of existing impacts from emissions. The development is located in an agricultural area and the buildings will

blend into the surrounding area. Also, the development will be landscaped with a screening of trees, shrubs and flowers. Thus, there will be no nuisance or loss of amenity.

If the proposed development on an anaerobic digester at Ballaghveny, Ballymackey, Nenagh, Co. Tipperary should proceed, the current practice of pig manure application to agricultural land will be replaced by application of digestate, resulting in an 80% reduction of odours generated, due to gas extraction. Pig manure will also be moved fresh from the farm to the Anaerobic Digester, every 2-4 weeks, thereby further reducing emissions from the pig farm. Low protein diets are being utilised on site, which can achieve a reduction of 30%, of emissions from the site. Inserting the slurry tankers armoured suction hose in a fixed pipe in the walls of the pig manure tanks will minimise the effects of odour as will the use of a low trajectory splashplate and/or bandspreader, and adhering to the Code of Good Practice for Spreading of Slurry.

Noise levels from the development are unlikely to be a nuisance. The main sources of noise on the development will be at feeding time (10-15 minutes) and from feed delivery vehicles. However, at a distance of 100 metres from the development noise levels are not greatly above background noise levels.

The development will have an insignificant effect on the climate of the area.

Thus the measures that have been put in place will ensure that impact/effects of the Development on human beings, noise, air, climate and the interaction of human beings, Fauna, soils, air, water, climate, landscape and material assets will be minimised.

In a discussion paper published by the Environmental Protection Agency (January 2005), it concluded that "Anaerobic Digestion has the potential to deliver multiple environmental benefits, including reduced water pollution potential, lower green house gas emissions, and reduced odours from agricultural slurries."

This proposed development has the potential to benefit all stakeholders adjacent to the proposed site and the customer farms. The nett result of this proposed development will be a reduction of existing impacts to the order of at least 50%, from the site and 80% from the application of digestate in place of pig manure to customer farms, should the proposed anaerobic digester be constructed.

SECTION B GENERAL**B.1. Owner/Operator**

* *Applicants Name:* _____ Woodville Pig Farms Ltd. _____

Address: _____ Woodville _____

_____ Ballymackey _____

_____ Co. Tipperary _____

Telephone N^o: _____ 067-29953 _____ *Fax N^o:* _____ 067-29056 _____

e-mail : _____ m.sweeny@nrge.ie _____

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

Address for correspondence : _____ Woodville Pig Farms Ltd. _____
(if different from above)

_____ c/o Michael Sweeney _____

_____ NRGE Ltd, Mooresfort, Lattin _____

_____ Co. Tipperary _____

Address of Body Corporate : _____ As Applicants _____
(if applicable)

e-mail : _____

The applicant must also supply the following:

- (a) Certified Copy of Certificate of Incorporation (See attached)
- (b) Company's Number in Company's Registration Office and

Reg Number 246361

(c) Particulars of Registered Office of the Company

Woodville Pig Farms Ltd.
Woodville
Ballymackey
Nenagh,
Co. Tipperary

Directors: Tim & Margaret Cullinane

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 applicant _____

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: _____ n/a _____

Address: _____

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

B.2. Location of Activity

Site 1. Anaerobic Digester at Ballaghveny

Ref: AD

Name: Woodville Pig Farms Ltd.

Address: Ballaghveny,

Ballymackey

Co. Tipperary

Telephone N°: 087 2760625 *Fax N°:* 067-29056

Contact Name(s): Mr Tim Cullinane

Position(s): Owner

e-mail : woodvillepig@unison.ie

National Grid Reference (12 digit-6E, 6N) E97250 N81800

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

See Appendix No. 1 of the attached EIS for location maps.

B.2. Location of Activity

Site 2. Fattening Unit at Ballyknockane

Ref: FU

Name: Woodville Pig Farms Ltd.

Address: Ballyknockane

Ballymackey

Co. Tipperary

Telephone N^o: 087 2760625 Fax N^o: 067-29056

Contact Name(s): Mr Tim Cullinane

Position(s): Owner

e-mail: woodvillepig@unison.ie

National Grid Reference (12 digit-6E, 6N) E1981550 N822050

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

See Appendix No. 1 of the attached EIS for location maps.

B.2. Location of Activity

Site 3. Woodville Pig Farm at Woodville

Ref: WPF

Name: Woodville Pig Farms Ltd

Full Address: Woodville

Ballymackey

Co. Tipperary

Telephone N^o: 087 2760625 Fax N^o: 067-29056

Contact Name(s): Mr Tim Cullinane

Position(s): Owner

e-mail : woodvillepig@unison.ie

National Grid Reference (12 digit-6E-6N) E97250 N81800

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

See attached planning permission.

B.3. Class of Activity

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

Schedule	Class	Description ^{Note 1}
New First Schedule to EPA Act 1992 as amended by POE Act 2003.	6.2	The rearing of pigs in an installation, whether within the same complex or within 100 metres of the same complex, where the capacity exceeds 2000 places for the production of pigs
New First Schedule to EPA Act 1992 as amended by POE Act 2003.	11.1	The recovery or disposal of waste in a facility, within the meaning of the Act of 1996, which facility is connected, or associated with another activity specified in this Schedule in respect of which a licence or revised licence under Part IV is in force or in respect of which a licence under the said Part is or will be required.

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

B.4. Employees/ Capital Cost

Give-

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

Number of Employees (existing facilities) : 12

Gross Capital Cost (new proposals) € 15,000,000

B.5. Relevant Planning Authority

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

Name: North Tipperary County Council

Address: Civic Offices

Limerick Road

Nenagh

Co. Tipperary

Telephone No: 067 - 44500

Planning Permission for this installation :-

Obtained Is being processed Not applied for

Site 1. Anaerobic Digester at Ballaghveny

Ref: AD

Local Authority Planning File Reference N^o: 07/51/0108

Site 2. Fattening Unit at Ballyknockane

Ref: FU

Local Authority Planning File Reference N^o: 07/51/0106

Other Permissions

PLC5761 permission for extension to pig farm

PLC 13875 permission for retention of piggery buildings and slurry tanks granted June 1990

Site 3. Woodville Pig Farm at Woodville

Ref: WPF

Local Authority Planning File Reference N^o: Not available at time of submission

Other Permissions

Ref 5120928 Retain 4 No Pig fattening Houses North Tipp CC

North Tipp CC Ref 5121048

Retain 3 no pig fattening houses, ESB room, mill room., toilet/shower/canteen facilities & meal loft, 3 no meal silos & permission to extend pig fattening house and install septic tank & percolation area,

Planning permission was originally granted for a 120 sow unit by Tipperary (N.R.) Co. Council in 1978 (PLC/6537).

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

A copy of the latest planning permission for this activity is attached

B.6. Relevant Health Board Region

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

Name: _____ HSE North Tipperary/East Limerick

Address: _____ Holland Road, Plassey,
Castletroy, Limerick _____

Telephone N^o: _____ Tel: 061 464 060 _____

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

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

Attachment N^o B.7 should contain a copy of the text of the site notice, a map (no larger than A3) showing its location on site and a copy of the newspaper advertisement . A copy of the notice given to the Planning Authority should also be included.

B.8 IPPC Directive

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

The facility is NOT a category of industrial activity referred to in Annex 1 of the IPPC Directive (96/61/EC)

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

SECTION C MANAGEMENT OF THE INSTALLATION

C.1 Site Management & Control

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

This information should form **Attachment N° 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.

D.2. Development and Operational History of the Site

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

Attachment N° 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.

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° E.1**.

E.2 Emissions to Surface Waters

Tables E.2(i) must be completed.

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

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

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.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.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.4 Noise Emissions

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

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

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

SECTION F CONTROL & MONITORING

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

Attachment N° 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° F.1 should contain any supporting information.

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.

G.2 Energy Efficiency

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

Supporting information should be given in **Attachment N° G**

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.

H.2 Waste Handling

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

For each waste material, give full particulars of ;

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

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

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

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

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

SECTION I EXISTING ENVIRONMENT & IMPACT OF THE ACTIVITY

Describe the conditions of the site of the installation

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

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

I.1. Assessment of atmospheric emissions

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

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

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

I.2 Assessment of impact of ground emissions

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

Landspreading of Agricultural Manures

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

I.3 Ground and/or groundwater contamination

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

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

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° I.4.**

I.5 Environmental Considerations and BAT

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

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

Describe the measures proposed or in place to ensure that:

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

Supporting information should form **Attachment N° I.5.**

SECTION J ACCIDENT PREVENTION & EMERGENCY RESPONSE

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

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

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

Supporting information should form **Attachment N° J**.

SECTION K REMEDIATION, DECOMMISSIONING, RESTORATION & AFTERCARE

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

Supporting information should be included as **Attachment N° K**.

SECTION L STATUTORY REQUIREMENTS

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

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

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

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

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

Supporting information should be included as **Attachment N° L** with reference to where the information can be found in the application.

Fit and Proper Person.

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

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

- Provide details of the applicant's technical knowledge and/or qualifications, along with that of other relevant employees.
- Provide information to show that the person is likely to be in a position to meet any financial commitments or liabilities that may have been or will be entered into or incurred in carrying on the activity to which the application relates or in consequence of ceasing to carry out that activity.

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

SECTION M DECLARATION

Declaration

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

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

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

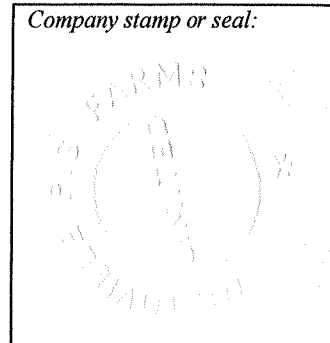
Signed by : 
(on behalf of the organisation)

Date : 3/09/08

Name in block letters: TIM CULLINAN

Position in organisation : DIRECTOR

Company stamp or seal:



T.C

NUMBER

245361

Certificate of Incorporation

I hereby certify that

WOODVILLE PIG FARMS LIMITED

is this day incorporated under
the Companies Acts 1963 to 1990
and that the company is limited.

Given under my hand at Dublin, this
Tuesday, the 19th day of March, 1996



For Registrar of Companies

Fees and Deed Stamps	165.00
Stamp Duty on Capital	1.00

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

Date: 3 September 2008

North Tipperary County Council,
Civic Offices
Limerick Road
Nenagh
Co Tipperary.

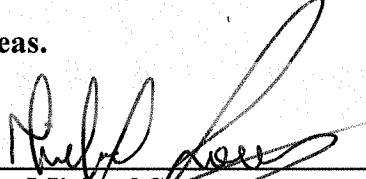
Notice required by Section 87(1) (a) of the Environmental Protection Agency Act 1992 and 2003

Dear Sir/Madam,

On behalf of my client Woodville Pigs Ltd, Woodville, Ballymackey, Nenagh Co Tipperary and in accordance with the regulation set out above, I herein notify you that they are applying to the Environmental Protection Agency for an IPPC Licence Review for their pig farm, at Woodville Ballymackey, Nenagh, Co Tipperary.

This application is made under activity class 6.2 (the rearing of pigs in installations within the same complex where the capacity exceeds 2000 places for production pigs,) and class 11.1 *The recovery or disposal of waste in a facility, within the meaning of the Act of 1996, which facility is connected or associated with another activity specified in this Schedule in respect of which a licence or revised licence under Part IV is in force or in respect of which a licence under the said Part is or will be required* A copy of the application for the licence may be inspected or obtained from the Headquarters of the Agency as soon as is practicable after the receipt by the Agency of the application for a licence.

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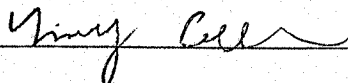

Michael Sweeney
Director

SITE NOTICE

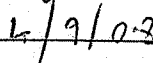
Application to the Environmental Protection Agency for the Review of a License

Notice is hereby given in accordance with Section 87(1)(a) of the Environmental Protection Acts 1992 to 2007, that Woodville Pig Farms Ltd, of Woodville, Ballymackey, Nenagh, Co Tipperary, Reg No. P0467-01 will submit information to support the determination of an IPPC licence review for class 6.2; *'The rearing of pigs in an installation, whether within the same complex or within 100 metres of the same complex, where the capacity exceeds 750 places for sows in a breeding unit'* and class 11.1 *'The recovery or disposal of waste in a facility, within the meaning of the Act of 1996, which facility is connected or associated with another activity specified in this Schedule in respect of which a licence or revised licence under Part IV is in force or in respect of which a licence under the said Part is or will be required'*. This review is being undertaken (i) to include the new class of activity, Class 11.1 for the proposed development of an Anaerobic Digester at Ballaghveny, Ballymackey, Nenagh, Co Tipperary, and the importation of waste to be treated in the Anaerobic Digester; and (ii) to include the associated pig fattening unit at Ballyknockane, Ballymackey, Nenagh, Co Tipperary, which is directly associated with the existing breeding unit governed by the existing IPC License. Jointly these two facilities are fully integrated. The reference number of this review in the Register of Licence's will be Reg No P0467-02. An Environmental Impact Statement was previously submitted to North Tipperary County Council, and same will be submitted to the EPA with this application. A copy of the Environmental Impact Statement, the application for the review of the IPPC Licence and such further information relating to the effects on the environment of the emissions from the activity which may be furnished to the Agency in the course of the Agency's consideration of the application will, as soon as practicable after receipt by the Agency, be available for inspection or purchase at the Headquarters of the Agency (Tel: Locall 1890 33 55 99 or 053-9160600).

SIGNED:



DATE:



Notices

Public Notices

Public Notices

Public Notices

Public Notices

Public Notices

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CLOSURE OF PUBLIC ROAD - BALLINADEE
by given that, pursuant to Section 75 of the 1993, the following road will be closed to public traffic from 9th September 2008 to 12th October 2008

closed:

3204 at Ballinadee Village from junction at 3219 to 3220.

Routes:

3220/LP3219 - From Ballinspittle via Cloncourse, Athdrought, Ballinadee.

3219/LP3220 - From Bandon via Killanetig/Ballinadee.

The purpose of the temporary closure is to facilitate the laying of water services, South Cork Area Operations, Floor 1, Cork.

CLOSURE OF PUBLIC ROAD - BALLINADEE
by given that, pursuant to Section 75 of the 1993, the following road will be closed to public traffic from 13th October to 26th October 2008.

closed:

3204/LP3219 at Ballinadee - From Grotto on Rathdrought Road for a distance of 500 metres.

Routes:

3204/LP3219 - From Ballinadee via Seven Crosses/Cloghane.

3219/LP3220 - From Ballinadee via Killanetig/Ballinadee.

The purpose of the temporary closure is to facilitate the laying of water services, South Cork Area Operations, Floor 1, Cork.

CLOSURE OF PUBLIC ROAD - KINSALE

by given that Cork County Council is in pursuance of Section 75 of the Roads Act, 1993, the following roads will be closed to public traffic from 13th September 2008 to 12th December 2008

closed:

3600 Pier Road Kinsale, from its junction at Emmet Place to its junction with Denis Quay/Pier Road.

3600 Pier Road to Southern End of Town Park/Pier Road.

Southern End of Town Park/Pier Road to Emmet Place/Pier Road.

Routes:

3600 Pier Road - From Emmet Place via New Bridge/Cloghane More/Farm Lane/Rath Beg/Clasheen/Bandon Road/Comogue Relief Road/No. LP3232, R607, R605, LP3234, R605, R607, LP3232.

3600 Pier Road - From Emmet Place via New Bridge/Cloghane More/Farm Lane/Rath Beg/Clasheen/Bandon Road/Comogue Relief Road/No. LP3232, R607, R605, LP3234, R605, R607, LP3232.

The purpose of the temporary closure is to facilitate the laying of water services, South Cork Area Operations, Floor 1, Cork.

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AN GARDA SÍOCHÁNA
CORK WEST DIVISION
TOWING AND MANAGEMENT
SERVICES CONTRACT

Information Meetings for all Contractors interested in the above contract will be held at:

- (1) O'Donovan's Hotel, Clonakilty, September 15, 2008, at 11am.
- (2) Wallis Arms Hotel, Millstreet, September 16, 2008, at 11am.

WASTE MANAGEMENT ACTS
1996 TO 2005

GALLIC DISTRIBUTORS LIMITED
An end-of-life vehicle of the Citroen brand may be deposited free of charge in accordance with the provisions of Waste Management (End-Of-Life Vehicles) Regulations 2006, subject to the conditions specified hereafter, at:

• Brian Kelly, Clonagoose, Fenagh Road, Borris, Co Carlow
• Edwin Fagan, Crimlin, Carrickaboy, Co Cavan
• Barry Metal Recycling, Cleary
• Con Kelleher T/A Fionnabhla Metal Recycling, Clondrohid, Macroom, Co Cork
• Cork Metal Company, Dublin Hill, Cork

• McDaid Car Dismantlers, Main St, St Johnston, Lifford, Co Donegal
• Summerhill Spares Ltd, Unit 3 Newpark Industrial Estate, Malahide Road, Coolock, Dublin 17
• The Hammond Lane Metal Company, Pigeon House, Ringsend, Dublin 4

• Thorntons Re-Cycling, Unit 1B, Kylemore Ind Estate, Park West, Dublin 10
• Gannon City Recovery, Unit 7, Roseville Ind Park, Turvey Avenue, Donabate, Co. Dublin
• Industrial Agri Engineering Salvage Ltd (IAES), Mt John Dockrell, Winbletown, Ballyboughill, Co Dublin
• Galway Vehicle Recycling Centre Ltd, The Enterprise Park, New Docks, Galway
• Galway Metal Company Ltd, Oranmore, Co Galway
• Headford Road Car Dismantlers, Headford Road, Galway, Co Galway
• Joe Savage, Bedford, Listowel, Co Kerry
• Reens Garage Ltd, Oldchapel, Rathmore, Co Kerry
• Clara Cars Ltd, Clara, Co Kilkenny

• A1 Metal Recycling, Mountmellick, Co Laois
• M Byrne Vehicle Dismantlers, Killone, Stradbally, Co Laois
• Hegarty Metal Processors (International) Ltd, Ballysimon Road, Limerick
• Ahern Auto Dismantlers, Tournafulla, (Mount Collins), Co Limerick
• Bob Sweeney Auto Towing Ltd, Coolreidy, Castleconnell, Co Limerick
• J&M McShane T/A Ardee Car Parts, Golf Links Road, Ardee, Co Louth
• John Dempsey, Whitestream, Bonniclonon,

• McDaid Car Dismantlers, Main St, St Johnston, Lifford, Co Donegal
• Summerhill Spares Ltd, Unit 3 Newpark Industrial Estate, Malahide Road, Coolock, Dublin 17
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• Reens Garage Ltd, Oldchapel, Rathmore, Co Kerry
• Clara Cars Ltd, Clara, Co Kilkenny

• A1 Metal Recycling, Mountmellick, Co Laois
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• Ahern Auto Dismantlers, Tournafulla, (Mount Collins), Co Limerick
• Bob Sweeney Auto Towing Ltd, Coolreidy, Castleconnell, Co Limerick
• J&M McShane T/A Ardee Car Parts, Golf Links Road, Ardee, Co Louth
• John Dempsey, Whitestream, Bonniclonon,

MACROOM TOWN COUNCIL
PLANNING AND
DEVELOPMENT ACTS
2000 TO 2006

NOTICE OF PREPARATION
OF DRAFT MACROOM TOWN
DEVELOPMENT PLAN 2009

Notice is hereby given, pursuant to Section 12(1)(b) of the Planning and Development Act, 2000, that Macroom Town Council, being the Planning Authority for the Town of Macroom, has prepared a Draft Town Development Plan for the administrative area of Macroom.

The Draft Town Development Plan is accompanied by an Environmental Report which has been prepared in accordance with the Planning and Development (Strategic Environmental Assessment) Regulations 2004.

Copies of the Draft Town Development Plan 2009 and the Environmental Report may be inspected (each day excluding weekends and public holidays from 9am to 4pm), from Friday 5th September, 2008 to Friday 21st November, 2008, at the Town Council Offices, Town Hall, Macroom.

Copies will also be available for inspection in the Macroom Library.

The Draft Plan and Environmental Report is available for purchase at the Macroom Town Council Offices and will also be available shortly on our website www.macroom.ie and in a CD format.

Submissions or observations regarding the review of the existing Plan and the preparation of a new Development Plan are hereby invited from members of the public and other interested parties. Submissions may be made during the period from 5th September 2008 to 21st November, 2008, in a number of ways listed hereunder:

"Make a formal written submission to the Town Clerk, Macroom Town Council, Town Hall, Macroom, Co. Cork."

WASTE MANAGEMENT ACTS
1996 TO 2005
CHEVSSAN

An end-of-life vehicle of the Chevrolet, Ssangyong brand may be deposited free of charge in accordance with the provisions of Waste Management (End-Of-Life Vehicles) Regulations 2006, subject to the conditions specified hereafter, at:

• Brian Kelly, Clonagoose, Fenagh Road, Borris, Co Carlow
• Cavan Car Parts, Crimlin, Co Cavan
• Barry Metal Recycling, Cleary Road, Gortroe, Youghal, Co Cork
• Con Kelleher T/A Fionnabhla Metal Recycling, Clondrohid, Macroom, Co Cork
• Cork Metal Company, Dublin Hill, Cork
• McDaid Car Dismantlers, Main St, St Johnston, Lifford, Co Donegal
• Summerhill Spares Ltd, Unit 3 Newpark Industrial Estate, Malahide Road, Coolock, Dublin 17
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• Joe Savage, Bedford, Listowel, Co Kerry
• Clara Cars Ltd, Clara, Co Kilkenny
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• M Byrne Vehicle Dismantlers, The Heath, Port Laois, Co Laois
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• Ahern Auto Dismantlers, Tournafulla, (Mount Collins), Co Limerick
• Bob Sweeney Auto Towing Ltd, Coolreidy, Castleconnell, Co Limerick
• Leinster Environmental, Clermont Park, Haggardstown, Dundalk, Co. Louth
• John Dempsey, Whitestream, Bonniclonon, Ballina, Co Mayo
• McNamara's Car Dismantlers, Knockbrack, Ballyhaunis, Co Mayo
• BS Parts Ltd, Bolies, Duleek, Co Meath
• Oristown Auto Recyclers Ltd, Kells, Co Meath
• Sragh Car Breakers, Ballybay, Co Monaghan
• Donal Ryan Car Repairs, Templederry, Nenagh, Co Tipperary
• Donie Comerford Autospares, Capparoe, Nenagh, North Tipperary
• Ballycumber Exports Ltd, Ballycumber, Co Offaly
• Condon Car Dismantlers, Cappincur Industrial Est, Tullamore, Co Offaly
• Duff Bros Salvage Ltd,

• Brian Kelly, Clonagoose, Fenagh Road, Borris, Co Carlow
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PUBLIC NOTICE
APPLICATION TO THE
ENVIRONMENTAL PROTECTION
AGENCY FOR THE REVIEW
OF AN IPC LICENCE

Notice is hereby given in accordance with Section 87(1)(a) of the Environmental Protection Acts 1992 to 2007, that Woodville Pig Farms Ltd, of Woodville, Ballymackey, Nenagh, Co Tipperary, Reg No. P0467-01 will submit information to support the determination of an IPPC licence review for class 6.2; 'The rearing of pigs in an installation, whether within the same complex or within 100 metres of the same complex, where the capacity exceeds 750 places for sows in a breeding unit' and class 11.1 'The recovery or disposal of waste in a facility, within the meaning of the Act of 1996, which facility is connected or associated with another activity specified in this Schedule in respect of which a licence or revised licence under Part IV is in force or in respect of which a licence under the said Part is or will be required'. This review is being undertaken (i) to include the new class of activity, Class 11.1 for the proposed development of an Anaerobic Digester at Ballaghveny, Ballymackey, Nenagh, Co Tipperary, and the importation of waste to be treated in the Anaerobic Digester; and (ii) to include the associated pig fattening unit at Ballyknockane, Ballymackey, Nenagh, Co Tipperary, which is directly associated with the existing breeding unit governed by the existing IPC License. Jointly these two facilities are fully integrated. The reference number of this review in the Register of Licences is Reg No P0467-02. An Environmental Impact Statement was previously submitted to North Tipperary County Council, and same will be submitted to the EPA with this application. A copy of the Environmental Impact Statement, the application for the review of the IPPC Licence and such further information relating to the effects on the environment of the emissions from the activity which may be furnished to the Agency in the course of the Agency's consideration of the application will, as soon as practicable after receipt by the Agency, be available for inspection or purchase at the Headquarters of the Agency (Tel: Local 1890 33 55 99 or 053-9160600).

Planning Notices