



# Industrial Emissions Licence

## APPLICATION FORM

**Organisation: Ashleigh Farms (Waterford) Limited**

**Reg. No.: P0447-02**

**Application Receipt Date: 27 May 2021**

### Environmental Protection Agency

P.O. Box 3000, Johnstown Castle Estate, Co. Wexford

Lo Call: 1890 335599 Telephone: 053-9160600 Fax: 053-9160699

Web: [www.epa.ie](http://www.epa.ie)

Email: [licensing@epa.ie](mailto:licensing@epa.ie)

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## ABOUT THIS APPLICATION FORM

### Application for an Industrial (including Intensive Agriculture) Licence or a Waste Licence or Review of a Licence

This application/review application covers three licence types; Industrial Emissions (IE), Integrated Pollution Control (IPC) and Waste, under the Environmental Protection Agency Act 1992 as amended and the Waste Management Act 1996 as amended.

This application has been developed by the EPA for the purposes of:

- Making an application to the EPA for a licence or review of a licence or revised licence. In this case, licence means Industrial Emissions (IE), Integrated Pollution Control (IPC) or Waste Licence.

Further information and guidance on the licence application and review process is available on the EPA's website at: [www.epa.ie](http://www.epa.ie).

Your licence application/review and all supporting information should be submitted to the EPA via EDEN, hereafter called 'Application Form'.

### About the Application Form

The 'Application Form' must be completed in accordance with the instructions included in EDEN and available on the EPA website. A valid application for a licence must contain the information prescribed in the relevant Licensing Regulations available on the EPA website. The Regulations 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.

This 'Application Form' does not purport to be and should not be considered a legal interpretation of the provisions and requirements of the Environmental Protection Agency Act 1992 as amended or Waste Management Act 1996 as amended and the associated Regulations. While every effort has been made to ensure the accuracy of the material contained in the 'Application Form', the EPA assumes no responsibility and gives no guarantees, undertakings and warranties concerning the accuracy, completeness or up-to-date nature of the information provided herein and does not accept any liability whatsoever arising from any errors or omissions.

Should there be any contradiction between the information requirements set out in the 'Application Form' and any clarifying explanation on the EPA website then the requirements in this 'Application Form' shall take precedence. The requirements of the Regulations, shall take precedence over any considerations mentioned in this 'Application Form' or on the website.

### Public Access

Information supplied in this 'Application Form' including supporting documentation and attachments will be put on public display on the internet and is therefore open to inspection by any person.

## Confidential Information

Should you consider information to be confidential, this information should be submitted in a separate enclosure to the headquarters of the EPA bearing the legend "In the event this information is deemed not to be held as confidential, it must be returned to .....". In the event that the 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 submission and the 'Application Form', where relevant.

## Attachment format and file size

All files attached to this 'Application Form' should be submitted in searchable PDF format and be no larger than 10MB each in size.

The information you provide in this 'Application Form' will be used by the EPA to assess your application and may be used for other EPA purposes.

Please note that the EPA is subject to Freedom of Information Act 2014 and the Access to Environmental Information Regulations 2007 as amended. Any information that you save to EDEN at any time will be stored on the EPA's IT system and will be made available as required under law, including the above legislation.

The system generated Application ID for this licence application/review is: **LA007257**

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# 1. Introduction

## 1.1. New/Review Authorisation Application

Existing Licence Reg No: P0447-01

**Reasons for the licence review:**

- Additional Class of Activity
- Increase in capacity
- Increase in emissions
- Waste acceptance change
- New/relocated emission point(s)
- Site related change (hours of operation, boundary, etc.)
- New abatement equipment
- Other

Upload details of why you are applying for a licence review, in accordance with the guidance.

| Document Type     | Document Name                    |
|-------------------|----------------------------------|
| Reason for Review | 1.1 Request for a Licence Review |

## 1.2. Non-Technical Summary

Upload a copy of the non-technical summary, in accordance with the guidance.

| Document Type         | Document Name             |
|-----------------------|---------------------------|
| Non Technical Summary | 1.2 Non-Technical Summary |

## 2. Organisation

### 2.1 Organisation Details

#### Business type

Body Corporate

#### Company CRO (Registration) number

249215

#### Organisation Name

Ashleigh Farms (Waterford) Limited

#### Organisation Address

Ballinameela

Cappagh

Dungarvam

Waterford

#### Organisation Registered Address

First Floor

Red Abbey Building

Unit 20 South Link Industrial Park

Frankfield, Cork

Cork

#### Organisation's Website Address

Not Provided

#### Upload a Certificate of Incorporation, in accordance with the guidance, if applicable

| Document Type                | Document Name                    |
|------------------------------|----------------------------------|
| Certificate of Incorporation | Attachement 2-1 Operator Details |



Check that the CRO number presented above is identical to the CRO number provided in: (i) the initial Licence Application to the EPA for this installation/facility

Or

(ii) the Licence Transfer application which transferred this licence to the applicant organisation.

Tick box if you can confirm this.

If not, please contact the EPA at [licensing@epa.ie](mailto:licensing@epa.ie) as a Licence Transfer may be required

If the applicant is NOT the operator, please upload an attachment that states the name, address and telephone number of the operator and, if the operator is a body corporate, the address of its registered office or principal office (Optional):

| Document Type     | Document Name |
|-------------------|---------------|
| No files uploaded |               |



Tick to confirm that the above organisation details are correct

| NUTS 2 Code | NACE Code |
|-------------|-----------|
|             | 0146      |

State the number of employees and other persons working or engaged in connection with activity on the date after which a licence is required and during normal levels of operation

6

## 2.2 Primary Contact for Correspondence on this Application

### Primary Contact

Mr. Jason McGrath

### Address of Primary Contact

Ballinameela

Cappagh

### Position in Organisation

Director

Dungarvan

Waterford

### Business Mobile Number

0879733814

### Landline Number

Not Provided

**Email Address**

info@ashleighfarms.ie

### 2.3 Primary Contact for Correspondence – Post Determination

| Primary Contact   | Address of Primary Contact |
|-------------------|----------------------------|
| Mr. Jason McGrath | Ballinameela               |
|                   | Cappagh                    |
|                   | Dungarvan                  |
|                   | Waterford                  |

**Position in Organisation**

Director

**Business Mobile Number**

0879733814

**Landline Number**

Not Provided

**Email Address**

info@ashleighfarms.ie

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### 2.4 Holding (Parent) Company

**Does the organisation have a holding (parent) company?**

No

### 2.5 Fit and Proper Person

**Convictions and Financial Commitment**

**Has the applicant or other relevant person been convicted as per guidance?**

No



Indicate 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

No

- Please confirm that the applicant, or other relevant persons, will 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

### Financial Commitments Declaration

Please download the attached declaration form, sign and upload the signed copy as a PDF document

| Document Type              | Document Name                                    |
|----------------------------|--|
| Fit and Proper Declaration | Attachment 2-5 Financial Commitments Declaration |

### Technical Knowledge

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

| Document Type       | Document Name                       |
|---------------------|-------------------------------------|
| Technical Knowledge | Attachement 2-5 Technical Knowledge |

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### 3. Site

#### 3.1 Site Name and Address

**State the site name (update if necessary)**

Ashleigh Farms (Waterford) Limited

**Site Address**

Ashleigh House  
Ballynameelagh  
Cappagh  
Waterford  
X35 T181

**NUTS 2 Code**

IE05

**NUTS 3 Code**

IE052

**NACE Code**

0146

**Site Telephone Number**

0879733814

#### 3.2 Site Geographical Location

**Site Centre Point – Easting**

**(Irish Grid Reference – 6 digits)**

616314

**Site Centre Point – Northing**

**(Irish Grid Reference – 6 digits)**

594745

**Does the site cover multiple townlands?**

No

**Upload a copy of the site plan(s) in accordance with the guidance:**

| Document Type | Document Name              |
|---------------|----------------------------|
| Site Plan     | Attachment 3.2 - Site Plan |

**Upload a copy of the location map in accordance with the guidance:**

| Document Type | Document Name                  |
|---------------|--------------------------------|
| Site Map      | Attachment 3.2 - Site Location |

### 3.3 Site Contact

**Primary Contact**

Mr. Jason McGrath

**Position in Organisation**

Director

**Business Mobile Number**

0879733814

**Landline Number**

Not Provided

**Email Address**

info@ashleighfarms.ie

### 3.4 Site and Building Ownership

**Is the applicant (or will the applicant be, in the case of a new activity) the owner of the site where the proposed activity is to take place?**

Yes

**Is the applicant (or will the applicant be, in the case of a new activity) the owner of the building where the proposed activity is to take place?**

Yes

## 4. Activity and Capacity

### 4.1 Sectors and Classes of Activity

**Add sectors and corresponding Classes of Activity relevant to the operation. Then select one Main Class of Activity using the radio buttons.**

| Sector | Activity and Description | IED Category of Activity | Main Class of Activity |
|--------|--------------------------|--------------------------|------------------------|
|--------|--------------------------|--------------------------|------------------------|

|                       |   |         |     |
|-----------------------|---|---------|-----|
| Waste                 | 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. | n/a     | No  |
| Intensive Agriculture | 6.2 (a) – The rearing of pigs in an installation where the capacity exceeds - (a) 750 places for sows   | 6.6 (c) | Yes |
| Intensive Agriculture | 6.2 (b) – The rearing of pigs in an installation where the capacity exceeds - (b) 2,000 places for production pigs which are over 30kg  | 6.6 (b) | No  |

## 4.2 Application Type Confirmation

Based on the activities selected above the application type has been determined as:

### Industrial Emissions Licence

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## 4.3 Waste Activities

### Nature of Waste Activity

**Are you or do you propose to be a merchant waste operator? (i.e., do you or do you propose to accept waste on a commercial basis from others?)**

No

**Do you or do you propose to treat waste generated by on-site activities?**

Yes

**Do you or do you propose to accept any household wastes (residual, recyclables, organics) directly from the public at the site?**

No

**Do you or do you propose to accept animal by-products or waste containing animal by-products on site?**

No

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Add all recovery and disposal activities and capacities relevant to the operation. Select one principal waste activity (for Waste Management Act activities only) using the relevant radio button.

| Recovery and Disposal Activity and Description   | Treatment Type   | Capacity<br>(note: <u>not</u> throughput or proposed throughput) | Maximum Quantity of waste to be accepted for this activity (tonnes/annum) | Principle Activity |
|--|--|--|---|--------------------|
| D08 – Biological treatment not specified elsewhere in this Annex which results in final compounds or mixtures which are discarded by means of any of the operations numbered D 1 to D 12 | D08 - Biological treatment, not specified elsewhere, which results in final compounds or mixtures which are discarded by means of any of the operations numbered D 1 to D 12 | 20 tonnes/day  | 7,300   | No                 |
| D10 – Incineration on land   | Incineration on land (disposal) - non-hazardous waste  | 1 tonnes/day   | 310   | No                 |

Upload a document that sets out how you calculated the capacity for each recovery and disposal activity selected in the table above:

| Document Type             | Document Name                             |
|---------------------------|---|
| R and D Activity Capacity | 4.3 Waste Activities Capacity Calculation |

### Waste acceptance at the waste facility

Upload a copy of your waste acceptance procedure

| Document Type | Document Name |
|---------------|---------------|
|---------------|---------------|

|                            |   |
|----------------------------|---|
| Waste Acceptance Procedure | Attachment 4.3 Waste Acceptance Procedure |
|----------------------------|---|

### List of Wastes by R&D Code and Treatment Type

For each waste treatment process (by Recovery or Disposal Activity) identified previously, indicate the waste(s) (by List of Waste Code) that could be subject to that treatment process.

| 'List of Waste' (LOW) Code | 'List of Waste' Description before Treatment   | Treatment Type   | Applicant's Description of Waste Accepted |
|----------------------------|--|--|---|
| 02 01 06                   | animal faeces, urine and manure (including spoiled straw), effluent, collected separately and treated off-site | D08 - Biological treatment, not specified elsewhere, which results in final compounds or mixtures which are discarded by means of any of the operations numbered D 1 to D 12 | Pig Slurry                                |
| 02 01 02                   | animal-tissue waste  | D10 - Incineration on land (disposal) - non-hazardous waste  | Fallen animals                            |

In the tables below summarise the waste activity or activities to reflect your licence application, categorised by treatment process, waste source and waste type. Note these tables should represent actual throughput, not capacity

| Waste Source                | Maximum to be Accepted (tonnes/annum) |
|-----------------------------|---------------------------------------|
| Municipal                   | 0                                     |
| Construction and Demolition | 0                                     |
| Other                       | 0                                     |

|              |          |
|--------------|----------|
| <b>Total</b> | <b>0</b> |
|--------------|----------|

| Waste Type    | Maximum to be Accepted<br>(tonnes/annum) |
|---------------|--|
| Hazardous     | 0  |
| Non Hazardous | 0  |
| <b>Total</b>  | <b>0</b>                                 |

Upload further information, as needs be, including detailed calculations, to support the data presented in the tables above:

| Document Type               | Document Name                             |
|-----------------------------|---|
| Waste Activity Calculations | 4.3 Waste Activities Capacity Calculation |

Upload evidence that demonstrates that the waste hierarchy has been considered when choosing treatment options for waste treated or transferred off-site:

| Document Type                 | Document Name                  |
|-------------------------------|--------------------------------|
| Waste Hierarchy Consideration | Attachment 4.3 Waste Hierarchy |

### Storage of Waste and Non Waste

Specify the maximum total quantity of waste (in tonnes) to be held on site at any one time, including untreated waste, waste being processed and residual (post-treatment) waste  
17,333

Complete and upload the template with details of the maximum quantities of waste and non-waste that will be stored on site at any one time

| Document Type     | Document Name                 |
|-------------------|-------------------------------|
| Max Waste Storage | 4.3-2-Storage-Waste-Non-Waste |

Upload a document explaining how you calculated the waste, non-waste and capacity figures provided



| Document Type               | Document Name                             |
|-----------------------------|---|
| Waste Capacity Calculations | 4.3 Waste Activities Capacity Calculation |

#### 4.4 Capacity

##### Intensive Agriculture (Class 6)

**State the maximum number of sows to be housed at the installation**

900

**State the maximum number of production pigs to be housed at the installation**

9,900

##### Other Capacity

**Do you have to provide capacity information as per the guidance?**

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## 4.5 Other Regulations or Directives

Select all other regulations and directives that are relevant for activities carried out or proposed to be carried out at the installation or facility

- 1 **EC (Control of Major Accident Hazards involving Dangerous Substances) Regulations (S.I. No. 74 of 2006)**  
No
  
- 2 **Greenhouse gas emissions regulations permit**  
No
  
- 3 **GMO regulations permit**  
No
  
- 4 **Waste authorisation (certificate of registration, waste facility permit) regulations**  
No
  
- 5 **Operator of equipment and systems containing ozone depleting substances, in accordance with Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer**  
No
  
- 6 **Operator of equipment and systems containing fluorinated greenhouse gases, in accordance with Regulation (EC) No. 842/2006 on certain fluorinated greenhouse gases**  
No
  
- 7 **European Communities Mercury (Export Ban and Safe Storage) Regulations (S.I. No. 27 of 2012)**  
No

- 8 **S.I. No 564 of 2012: European Union (Paints, Varnishes, Vehicle Refinishing Products and Activities) Regulations 2012**
- No
- 9 **Regulation (EC) No 1102/2008 of the European Parliament and of the Council of 22 October 2008 on the banning of exports or metallic mercury and certain mercury compounds and mixtures and the safe storage of metallic mercury**
- No
- 10 **Operator of an agro-food processing plant where Article 13 of the Council Directive 91/271/EEC concerning urban waste water treatment (> 4,000p.e WWTP discharging to surface water) applies**
- No
- 11 **Local Government (Water Pollution) Act, 1977 (Control of Cadmium Discharges) Regulations 1985 (S.I. No. 294 of 1985);**
- No
- 12 **Local Government (Water Pollution) Act, 1977 (Control of Hexachlorocyclohexane and Mercury Discharges) Regulations 1986 (S.I. No. 55 of 1986)**
- No
- 13 **Local Government (Water Pollution) Acts, 1977 and 1990 (Control of Carbon Tetrachloride, DDT and Pentachlorophenol Discharges) Regulations 1994 (S.I. No. 43 of 1994)**
- No
- 14 **Medium Combustion Plant Directive (EU) 2015/2193 on the limitation of emissions of certain pollutants into the air from medium combustion plants.**
- No

## Extractive Waste Regulations

Do the Extractive Waste Regulations (Waste Management (Management of Waste from the Extractive Industries) Regulations) apply to your activities?

No

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## 4.6 Resource and Energy Usage

### Water Usage

**Do you or do you propose to abstract groundwater for use at the installation or facility?**

Yes

**Do you or do you propose to abstract surface water for use at the installation or facility?**

No

**Do you or do you propose to use water from the public supply for use at the installation or facility?**

No

**Do you or do you propose to use water from another source for use at the installation or facility?**

No

### Electricity Usage

**Do you or do you propose to generate renewable electricity at the installation or facility?**

Yes

**Do you or do you propose to generate non-renewable electricity at the installation or facility?**

No

### Water and Energy Usage

**Upload tabulated details of water and energy used or generated on the site.**

| Document Type          | Document Name      |
|------------------------|--------------------|
| Water and Energy Usage | 4.6-1-Water-Energy |

### Raw Materials, Intermediates and Products

**Upload tabulated details of process related raw and ancillary materials, substances, preparations, intermediates, products etc., which will be produced by or utilised in the activity**

| Document Type               | Document Name                      |
|-----------------------------|------------------------------------|
| Materials Used or Generated | 4.6-2-Raw-Material-Interm-Products |

## 4.7 BAT (Best Available Techniques)

### BAT Conclusions

| Licence BAT Assessment  |  |  |
|-------------------------|--|--|
| CID 2017/302/EU         | Best available techniques (BAT) conclusions, under Directive 2010/75/EU of the European Parliament and of the Council, for the intensive rearing of poultry or pigs  |  |
| General BAT conclusions |  |  |
| BATC No.                | Objective / Licensee Response / Attachment   | Applicability                          |
| 1                       | <p>In order to improve the overall environmental performance of farms, BAT is to implement and adhere to an environmental management system (EMS) that incorporates all of the following features:</p> <p><b>See linked document for the full text of the BAT conclusion</b></p> <p><b>Response :</b> Will be implemented in line with license requirements</p>  | <p>Will Be</p> <p>31 December 2022</p> |
| 2                       | <p>In order to prevent or reduce the environmental impact and improve overall performance, BAT is to use all the techniques given below.</p> <p><b>See linked document for the full text of the BAT conclusion</b></p> <p><b>Response :</b> The applicant is committed to the education and ongoing training of their staff, including relevant regulations, pig livestock farming, animal health and welfare, manure management, worker safety, manure management, planning of activities, emergency planning and management and repair and maintenance of equipment.</p> <p>The farm manager completes regular checks, repairs and maintenance of structure and equipment.</p> | <p>Yes</p>                             |

|   |  |     |
|---|--|-----|
|   | An emergency response plan will be prepared & implemented in line with license requirements.   |     |
| 3 | <p>In order to reduce total nitrogen excreted and consequently ammonia emissions while meeting the nutritional needs of the animals, BAT is to use a diet formulation and nutritional strategy which includes one or a combination of the techniques given below</p> <p><b>See linked document for the full text of the BAT conclusion</b></p> <p><b>Response :</b> The applicant employs Vitfoss, a Danish firm who are internationally recognised as leaders in nutrition and pre-mix vitamins and minerals. The applicant have their own mill and prepare all their own pig feed, up to 8 different mix types depending on animal age. All feed compositions have been checked for digestibility in the small intestine or pigs via in vitro laboratory testing. Higher protein digestibility results in lower nitrogen concentration in manure. The protein content and feed mix will be adjusted every 2-3 weeks, and each pig will receive the precise protein quantity required, this avoiding excess protein in the diet. A low protein diet has been shown to significantly reduce generation of odorous emissions at piggery facilities. Further, an odour control agent, 'Active NS' will be added to the onsite manure during pen washing events. This has been proven to reduce ammonia emissions by 20-25% both onsite and subsequently during land-spreading.</p> | Yes |
| 4 | <p>In order to reduce the total phosphorus excreted, while meeting the nutritional needs of the animals, BAT is to use a diet formulation and a nutritional strategy which includes one or a combination of the techniques given below.</p> <p><b>See linked document for the full text of the BAT conclusion</b></p> <p><b>Response :</b> The applicant employs Vitfoss, a Danish firm who are internationally recognised as leaders in nutrition and pre-mix vitamins and minerals. The applicant have their own mill and prepare all their own pig feed, up to 8</p>  | Yes |

|   |  |     |
|---|--|-----|
|   | <p>different mix types depending on animal age. All feed compositions have been checked for digestibility in the small intestine or pigs via in vitro laboratory testing.</p>  |     |
| 5 | <p>In order to use water efficiently, BAT is to use a combination of the techniques given below.</p> <p><b>See linked document for the full text of the BAT conclusion</b></p> <p><b>Response :</b> Water is sourced from an onsite well. Abstracted water will be stored in 1No water storage tank, with a total storage volume of 8,000L. Water usage will be monitored and recorded onsite. 95% of the animal's water requirements will be met through the water content of the wet feed mix, with the balance met by a water dispenser installed in each pen, which the pigs operate themselves. Facility washing will be undertaken using a central power washing system. Each pen will be washed following departure of its occupants. Smooth concrete, steel and plastic will allow for quick cleaning.</p> | Yes |
| 6 | <p>In order to reduce the generation of waste water, BAT is to use a combination of the techniques given below</p> <p><b>See linked document for the full text of the BAT conclusion</b></p> <p><b>Response :</b> There are 2 sources of waste water onsite; staff facilities and facility washing.</p>  | Yes |
| 7 | <p>In order to reduce emissions to water from waste water, BAT is to use one or a combination of the techniques given below</p> <p><b>See linked document for the full text of the BAT conclusion</b></p> <p><b>Response :</b> There are 2 sources of waste water onsite; staff facilities and facility washing. Waste water from staff facilities will be treated onsite.</p>   | Yes |
| 8 | <p>In order to use energy efficiently in a farm, BAT is to use a combination of the techniques given below</p>   | Yes |



|    |   |                             |
|----|---|-----------------------------|
|    | <p><b>See linked document for the full text of the BAT conclusion</b></p> <p><b>Response :</b> Air quality will be controlled through mechanical ventilation over each pen zone of the piggery houses.</p> <p>Heating will not be required for several reasons:</p> <ol style="list-style-type: none"> <li>1) heating generally not required, only in situations where young piglets are housed</li> <li>2) The unit uses natural lighting, this is expected to reduce lighting power consumption. Supplementary artificial lighting required during winter months will be provided using energy efficient LED bulbs.</li> <li>3) Reduced energy consumption will be further facilitated through the use of a air to water heat pumps in the farrowing and weaner house</li> <li>4) The on-farm Anaerobic Digester will be optimised to provide hot-water to the farm and also offset up to 40% of the electrical use.</li> </ol> |                             |
| 9  | <p>In order to prevent or, where that is not practicable, to reduce noise emissions, BAT is to set up and implement a noise management plan, as part of the environmental management system (see BAT 1), that includes the following elements:</p> <p><b>See linked document for the full text of the BAT conclusion</b></p> <p><b>Response :</b> The site benefits from good separation distances to the nearest sensitive receptors and noise impacts are expected to be minimal</p>  | Not Applicable              |
| 10 | <p>In order to prevent, or where that is not practicable, to reduce noise emissions, BAT is to use one or a combination of the techniques given below.</p>  | Will Be<br>31 December 2022 |

|    |   |     |
|----|---|-----|
|    | <p><b>See linked document for the full text of the BAT conclusion</b></p> <p><b>Response :</b> BAT 10 a, b, c and d will be implemented in line with license requirements</p>   |     |
| 11 | <p>In order to reduce dust emissions from each animal house, BAT is to use one or a combination of the techniques given below</p> <p><b>See linked document for the full text of the BAT conclusion</b></p> <p><b>Response :</b> Minimal levels of dust will be generated by the operation of the piggery unit. However, BAT 11 a3, a4 and a6 will be implemented to reduce dust generation inside livestock buildings.</p>   | Yes |
| 12 | <p>In order to prevent, or where that is not practicable, to reduce odour emissions from a farm, BAT is to set up, implement and regularly review an odour management plan, as part of the environmental management system (see BAT 1), that includes the following elements:</p> <p><b>See linked document for the full text of the BAT conclusion</b></p> <p><b>Response :</b> Ashleigh Farms Ltd have implemented a site specific odour management plan for the site including BAT 12 i - v, in line and will be inline with licensing requirements.</p> <p>Attachment Name : IRRP-12-CHC 00164.OMP.R03 Ashleigh Farms Ltd</p> | Yes |
| 13 | <p>In order to prevent or, where that is not practicable, to reduce odour emissions and/or odour impact from a farm, BAT is to use a combination of the techniques given below.</p> <p><b>See linked document for the full text of the BAT conclusion</b></p> <p><b>Response :</b> BAT 13a, 13b, 13c,13e, 13f, 13g</p> <p>Further to these measures an active compounds 'Active NS' will be added to manure and is expected to reduce ammonia emissions.</p>  | Yes |

|    |   |                |
|----|---|----------------|
|    | <p>A low protein diet has been shown to significantly reduce odorous emissions at piggery facilities.</p> <p>The on-farm anaerobic digester can process up to 50% of on-farm produced slurries.(13f3)</p>   |                |
| 14 | <p>In order to reduce ammonia emissions to air from the storage of solid manure, BAT is to use one or a combination of the techniques given below.</p> <p><b>See linked document for the full text of the BAT conclusion</b></p> <p><b>Response :</b> No solid manure to be stored onsite</p>   | Not Applicable |
| 15 | <p>In order to prevent, or where that is not practicable, to reduce emissions to soil and water from the storage of solid manure, BAT is to use a combination of the techniques given below in the following order of priority.</p> <p><b>See linked document for the full text of the BAT conclusion</b></p> <p><b>Response :</b> No solid manure to be stored onsite</p>  | Not Applicable |
| 16 | <p>In order to reduce ammonia emissions to air from a slurry store, BAT is to use a combination of the techniques given below.</p> <p><b>See linked document for the full text of the BAT conclusion</b></p> <p><b>Response :</b> BAT A1, A2, A3 and will be implemented onsite. The slurry store is designed to reduce the emitting surface area and by minimising the stirring of slurry.</p> <p>BAT C, The farm are working with researchers to develop a new odour, methane and ammonia abatement technique. Trials to commence in late 2021.</p> | Yes            |
| 17 | <p>In order to reduce ammonia emissions to air from an earth-banked slurry store (lagoon), BAT is to use a combination of the techniques given below.</p> <p><b>See linked document for the full text of the BAT conclusion</b></p> <p><b>Response :</b> No earth banked slurry store (lagoon) onsite</p>   | Not Applicable |

|    |  |                |
|----|--|----------------|
| 18 | <p>In order to prevent emissions to soil and water from slurry collection, piping, and from a store and/or an earth-banked storage (lagoon), BAT is to use a combination of the techniques given below.</p> <p><b>See linked document for the full text of the BAT conclusion</b></p> <p><b>Response :</b> BAT 18 a-c, e-f are in place onsite.</p> <p>Buildings established post 2006 have leak detection incorporated into their slurry storage facilities.</p> <p>Alarm systems are in place at all external slurry collection tanks to prevent overfilling</p> <p>All tanks are designed to be leak proof, withstand mechanical, chemical and thermal influences.</p> <p>All storage tanks are checked regularly for structural integrity.</p> | Yes            |
| 19 | <p>If on-farm processing of manure is used, in order to reduce emissions of nitrogen, phosphorus, odour and microbial pathogens to air and water and facilitate manure storage and/or landspreading, BAT is to process the manure by applying one or a combination of the techniques given below</p> <p><b>See linked document for the full text of the BAT conclusion</b></p> <p><b>Response :</b> Bat 19b Anaerobic digestion of slurry in practice onsite.</p>  | Yes            |
| 20 | <p>In order to prevent or, where that is not practicable, to reduce emissions of nitrogen, phosphorus and microbial pathogens to soil and water from manure landspreading, BAT is to use all the techniques given below.</p> <p><b>See linked document for the full text of the BAT conclusion</b></p> <p><b>Response :</b> No land spreading onsite</p>   | Not Applicable |

|    |  |  |
|----|--|--|
| 21 | <p>In order to reduce ammonia emissions to air from slurry landspreading, BAT is to use one or a combination of the techniques given below.</p> <p><b>See linked document for the full text of the BAT conclusion</b></p> <p><b>Response :</b> No land spreading onsite</p>  | Not Applicable                         |
| 22 | <p>In order to reduce ammonia emissions to air from manure landspreading, BAT is to incorporate the manure into the soil as soon as possible.</p> <p><b>See linked document for the full text of the BAT conclusion</b></p> <p><b>Response :</b> No land spreading onsite</p>  | Not Applicable                         |
| 23 | <p>In order to reduce ammonia emissions from the whole production process for the rearing of pigs (including sows) or poultry, BAT is to estimate or calculate the reduction of ammonia emissions from the whole production process using the BAT implemented on the farm.</p> <p><b>See linked document for the full text of the BAT conclusion</b></p> <p><b>Response :</b> ill be implemented in line with licensing requirements</p> | <p>Will Be</p> <p>31 December 2022</p> |
| 24 | <p>BAT is to monitor the total nitrogen and total phosphorus excreted in manure using one of the following techniques with at least the frequency given below.</p> <p><b>See linked document for the full text of the BAT conclusion</b></p> <p><b>Response :</b> BAT 24 a + b in place</p>  | Yes                                    |
| 25 | <p>BAT is to monitor ammonia emissions to air using one of the following techniques with at least the frequency given below.</p> <p><b>See linked document for the full text of the BAT conclusion</b></p> <p><b>Response :</b> BAT 25 A will be completed on an annual basis</p>  | Yes                                    |
| 26 | <p>BAT is to periodically monitor odour emissions to air.</p>  | Yes                                    |

|    |  |                |
|----|--|----------------|
|    | <p><b>See linked document for the full text of the BAT conclusion</b></p> <p><b>Response :</b> A programme for routine Odour Monitoring in place as part of Odour Management Plan</p>  |                |
| 27 | <p>BAT is to monitor dust emissions from each animal house using one of the following techniques with at least the frequency given below.</p> <p><b>See linked document for the full text of the BAT conclusion</b></p> <p><b>Response :</b> Due to the cost of measurements, this technique is not practically achievable for this site</p>   | Not Applicable |
| 28 | <p>BAT is to monitor ammonia, dust and/or odour emissions from each animal house equipped with an air cleaning system by using all of the following techniques with at least the frequency given below.</p> <p><b>See linked document for the full text of the BAT conclusion</b></p> <p><b>Response :</b> Due to the cost of measurements, this technique is not practically achievable for this site</p> | Not Applicable |
| 29 | <p>BAT is to monitor the following process parameters at least once every year.</p> <p><b>See linked document for the full text of the BAT conclusion</b></p> <p><b>Response :</b> BAT 29 A - F all monitored routinely as part of overall environmental management of the facility</p>  | Yes            |

| Licence BAT Assessment                        |   |               |
|---|---|---------------|
| CID 2017/302/EU                               | Best available techniques (BAT) conclusions, under Directive 2010/75/EU of the European Parliament and of the Council, for the intensive rearing of poultry or pigs |               |
| BAT Conclusions for intensive rearing of pigs |   |               |
| BATC No.                                      | Objective / Licensee Response / Attachment  | Applicability |

|    |  |     |
|----|--|-----|
| 30 | <p>In order to reduce ammonia emissions to air from each pig house, BAT is to use one or a combination of the techniques given below.</p> <p><b>See linked document for the full text of the BAT conclusion</b></p> <p><b>Response</b> : BAT 30 will be implemented by:</p> <p>A0) Low protein diet for pig, proven to reduce ammonia production</p> <p>A1 Vacuum system for frequent slurry removal</p> <p>A4) Frequent slurry removal by flushing to external slurry stores</p> <p>A14) Each pen will be cleaned between batches to avoid build up of manure</p> <p>A15) Pen floors and manure channels are designed to avoid manure build up</p> <p>A16) Low protein diet for pig, proven to reduce ammonia production</p> <p>A17) 8 different feed mixes, allowing for more efficient protein/diet and emission management</p> <p>A18) an odour control agent will be added to manure to reduce ammonia emissions</p> <p>A19) Manure will be tankered off site in sealed tankers</p> <p>A20) No agitation at above ground tank</p> <p>D - slurry amendments (which include acidification) applied onsite</p> | Yes |
|----|--|-----|

**BREF**

Select all relevant BAT reference document(s) (BREFs), provide an assessment against each

| BREF                   | Document Type   | BREF Document Name                           |
|------------------------|-----------------|--|
| Energy Efficiency      | BREF Assessment | 4.7 Conclusions on BAT for Energy Efficiency |
| Emissions from Storage | BREF Assessment | 4.7 Conclusions on BAT for storage           |

EPA National BAT

Select all relevant EPA BAT guidance notes and attach the assessments made against them

| EPA Bat Guidance Note                                    | Document Type  | EPA National BAT Assessment Document Name |
|--|----------------|---|
| BATNEEC Guidance Note - Pig Production Sector - Feb 1998 | BAT Assessment | Attachment 4.7 BATC_IRPP                  |

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## 4.8 Reports

### Operational Report

Upload an 'Operational Report' for the activity in accordance with the guidance

| Document Type      | Document Name          |
|--------------------|------------------------|
| Operational Report | 4.8 Operational Report |

### Baseline Report

Has an assessment and or Baseline Report previously been submitted to the EPA in relation to this site as per the [European Commission's guidance concerning baseline reports](#)

No

Upload a report that addresses sections 1 to 3 of the European Commission's guidance concerning baseline reports

| Document Type      | Document Name       |
|--------------------|---------------------|
| Baseline Screening | 4.8 Baseline Report |

Does the report referred to above specify that a Baseline Report is required?

No

### Site Condition Report

Upload a document that describes the condition of the site of the installation or facility in accordance with the guidance

| Document Type         | Document Name             |
|-----------------------|---------------------------|
| Site Condition Report | 4.8 Site Condition Report |

## 4.9 Solvents

**Do you or do you intend to use organic solvents at the installation or facility?**

No

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## 4.10 Large Combustion Plants

Section Not Required - based on applicant's response

## 4.11 Incineration and Co-Incineration

Do the following apply to the (proposed) incineration plant or co-incineration plant at the installation:

- Chapter IV of the Industrial Emissions Directive and
- European Union (Waste Incineration Plants and Waste Co-incineration Plants) Regulations 2013 (S.I. No. 148 of 2013)?

No

Select one or more reasons why Chapter IV of the IED does not apply

- Plants treating only the following wastes:
- vegetable waste from agriculture and forestry.
  - vegetable waste from the food processing industry, if the heat generated is recovered.
  - fibrous vegetable waste from virgin pulp production and from production of paper from pulp if it is co-incinerated at the place of production and the heat generated is recovered.
  - cork waste.
  - wood waste with the exception of wood waste which may contain halogenated organic compounds or heavy metals as a result of treatment with wood preservatives or coating and which includes, in particular, wood waste originating from construction and demolition waste.
  - radioactive waste.
  - animal carcasses as regulated by Regulation (EC) No 1774/2002 of the European Parliament and of the Council of 3.10.2002 laying down health rules concerning animal by-products not intended for human consumption.
  - waste resulting from the exploration for, and the exploitation of, oil and gas resources from off-shore installations and incinerated on board the installations.
- Experimental plants used for research, development and testing in order to improve the incineration process and which treat less than 50 tonnes of waste per year.
- Gasification or pyrolysis plants, if the gases resulting from this thermal treatment of waste are purified to such an extent that they are no longer a waste prior to their incineration and they can cause emissions no higher than those resulting from the burning of natural gas.

Upload a document describing how the incineration / co-incineration plant does not come within scope of Chapter IV of the IED

| Document Type        | Document Name                |
|----------------------|------------------------------|
| IED Chapter IV Scope | Attachment 4.11 Incineration |

## 5. Financial

### 5.1 Financial Template

#### Completed template

| Document Type                 | Document Name |
|-------------------------------|---------------|
| Financial Application Section | 5-1-Financial |

### 5.2 Additional Documents

#### Upload additional documents referred to in the completed template

| Document Type        | Document Name                       |
|----------------------|-------------------------------------|
| Fee Payment Evidence | Attachment 5.1 Fee Payment Evidence |

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## 6. Stakeholder Engagement

### 6.1 Stakeholder Engagement Template

#### Completed template

| Document Type                  | Document Name                     |
|--------------------------------|-----------------------------------|
| Stakeholder Engagement Section | 6-1-Stakeholder-Engagement Rev.03 |

### 6.2 Additional Documents

#### Upload additional documents referred to in the completed template

| Document Type               | Document Name                                 |
|-----------------------------|---|
| AA Screening                | 16729 AA Screening                            |
| EIA Confirmation - Planning | Attachment 6.2 EIA Confirmation Planning      |
| EIS - Planning              | 9957 EIS                                      |
| Evidence of Notices         | 6.7 Evidence of Notices - Notice to council   |
| Evidence of Notices         | Att 6.7 Evidence of Notices - Text for Advert |
| Evidence of Notices         | 6.7 - Site Plan w Site Notice                 |
| Planning Decision           | 9957 Planners Report                          |
| Planning Decision           | 16729 Planners Report                         |
| Planning Decision           | 7193 Planners Report                          |
| Planning Determination      | 16729 FINAL GRANT                             |
| Planning Determination      | 9957 FINAL Grant                              |
| Planning Determination      | 7193 Final Grant                              |

## 7. Emissions

### 7.1 Overview

#### Emissions, Discharges and Landspreading Applicability

With reference to the emissions/discharges from the installation and any associated landspreading activity indicate whether the thematic is applicable by inserting yes or no (Note: If you select 'no' you are indicating that there are no emissions of this type and your application will be considered on this basis)

| Emission Type   | Applicable |
|---|------------|
| Emissions to Surface Water (not including Storm Water)  | No         |
| Emissions to Sewer  | No         |
| Emissions to Air (including minor, potential and fugitive emissions to air)                                       | Yes        |
| Noise Emissions and Noise Monitoring Points   | No         |
| Emissions to Ground (including disposal of sanitary effluent and potential emissions to ground) and Landspreading | Yes        |
| Storm Water Discharges  | Yes        |

#### Emissions Overview Template

##### Completed template

| Document Type              | Document Name            |
|----------------------------|--------------------------|
| Emissions Overview Section | 7.1-1-Emissions-Overview |

#### Additional Documents

##### Upload additional documents referred to in the completed template

| Document Type            | Document Name |
|--------------------------|---------------|
| <i>No files uploaded</i> |               |

## 7.2 Emissions to Surface Water (not including Storm Water)

*Section Not Required – based on applicant's response*

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### 7.3 Emissions to Sewer

*Section Not Required – based on applicant’s response*

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## 7.4 Emissions to Air (including minor, potential and fugitive emissions to air)

### Emissions to Air (including minor, potential and fugitive emissions to air) Template

#### Completed template

| Document Type           | Document Name  |
|-------------------------|----------------|
| Emissions - Air Section | 7.4-1-Air-Main |

#### Additional Documents

#### Upload additional documents referred to in the completed template

| Document Type               | Document Name             |
|-----------------------------|---------------------------|
| Minor - Potential Emissions | 7.4-2-Air-Minor-Potential |

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## 7.5 Noise Emissions and Noise Monitoring Points

*Section Not Required – based on applicant's response*

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## 7.6 Emissions to Ground and Landspreading

### Emissions to Ground and Landspreading Template

#### Completed template

| Document Type              | Document Name |
|----------------------------|---------------|
| Emissions - Ground Section | 7.6-1-Ground  |

#### Additional Documents

#### Upload additional documents referred to in the completed template

| Document Type                 | Document Name                      |
|-------------------------------|------------------------------------|
| Landspreading Controls - Agri | 7.6-2-Landspreading-Controls-Agri  |
| Sanitary Effluent Compliance  | 7.6.2 Sanitary Effluent Compliance |

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## 7.7 Storm Water Discharges

### Storm Water Discharges Template

#### Completed template

| Document Type       | Document Name     |
|---------------------|-------------------|
| Storm Water Section | 7.7.1 Storm Water |

#### Additional Documents

#### Upload additional documents referred to in the completed template

| Document Type            | Document Name |
|--------------------------|---------------|
| <i>No files uploaded</i> |               |

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## 8. Waste Generated On-Site

### 8.1 Waste Generated On-Site Template

#### Completed template

| Document Type           | Document Name |
|-------------------------|---------------|
| Waste Generated Section | 8-1-Waste     |

### 8.2 Additional Documents

#### Upload additional documents referred to in the completed template

| Document Type   | Document Name                  |
|-----------------|--------------------------------|
| Waste Hierarchy | Attachment 8.1 Waste Hierarchy |

## 9. Environmental Management and Techniques

### 9.1 Environmental Management and Techniques Template

#### Completed template

| Document Type | Document Name                    |
|---------------|----------------------------------|
| EMT Section   | Attachment 9-1-EMT               |
| EMT Section   | 9.1 Emergency Response Procedure |

### 9.2 Additional Documents

#### Upload additional documents referred to in the completed template

| Document Type            | Document Name |
|--------------------------|---------------|
| <i>No files uploaded</i> |               |

## 10. Submit Application

Prior to submitting your completed application, please tick the box below to confirm the following:

- I declare that all the information and particulars given in this application form and all associated attachments are truthful, accurate and complete to the best of my knowledge and belief.
- I give consent to the EPA to copy this application form and all associated attachments for its own use and to make it available for inspection and copying by the public both in paper form and on the EPA's website. This consent relates to the application form itself, all associated attachments 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.

I confirm

**First Name**

Olivia

**Surname**

Hall

**Position**

Director

**Upload a copy of scanned signature and company stamp**

| Document Type               | Document Name                 |
|-----------------------------|-------------------------------|
| Signature and Company Stamp | Attached 10-1-Signature-Stamp |