



**Mooresfort,
Lattin,
Co. Tipperary**

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NON TECHNICAL SUMMARY

**FOR
Michael Monagale**

Licence Review Application

**AT
Annakisha North, Doneraile, Co Cork**

March 2023



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A Licence review application is being made by Michael Monagle of Annakisha North, Doneraile, Co Cork to the Environmental Protection Agency (E.P.A) in respect to the existing pig unit. The enterprise is classed as **Activity Class 6.2 (a) + (b)** as follows

Class 6.2(a) The rearing of pigs in an installation where the capacity exceeds 750 places for sows

Class 6.2(b) The rearing of pigs in an installation where the capacity exceeds 2000 places for production pigs which are over 30kg

Below is a list of all relevant planning permissions obtained from Cork County Council with respect to the pig unit.

Reference Number	Issued	Description
951435	26/7/1995	Extension to Pig Unit
991130	10/5/2000	Construction of Dry House and retention of fattening + isolation houses + extensions to farrowing, dry sow, weaner + fattening houses, office, mixing room
125695	30/10/2012	Construction of Dry Sow and Service House
125086	19/9/2012	Construction of Dry Sow and weaner House
145815	14/07/2015	Construction of Fattening House and Associated feed mixing room and pig walk-way.

An Environmental Impact Statement, Natura Impact Statement and Screening Statement was prepared by Curtin Agricultural Consultants Ltd on behalf of Michael Monagle of Annakisha North, Doneraile, Co Cork in respect to the planning application (145815) submitted to Cork County Council and to support the proposed changes to the current development under a licence review application to the EPA, the farm will operate under Licence by the Environmental Protection Agency, an application was lodged with the Agency on 08/06/1998 (Reg No P0446-01), and was issued on 12/10/1999.



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An updated AA and NIS has been prepared by Enviroguide in 2023 to support the license review application.

The site is boarding the following sensitive ecological areas within 10km of the site

Special Area of Conservation (SAC)

- Blackwater River cSAC (Cork/Waterford) (002170) 1.5km south (North caherduggan/Carrig River – A Tributary of the Black water river.

Special Protection Area (SPA).

- Kilcolman Bog SPA (004095) 7.3km

Relevant BAT documents include the following.

- BAT Conclusions for the Intensive rearing of pigs
- Bref Assessment on BAT for Storage
- Bref Assessment on BAT for Energy Efficiency

The control of major Accident Hazards involving dangerous substances regulations 2006 do not apply to this farm.

1.0 Description of Unit

The production process on this farm will be similar to other such Pig units throughout Ireland, and will be in line with the requirements of the Department of Agriculture, Food & Marine and Bord BIA. The applicant will be responsible for the feeding, management and husbandry of the pigs and for ensuring that all of the required records are maintained.

The facility is located in the townland of Annakisha 3.7km south of Doneraile, 6.7km north east of Mallow and 1.5km west of Annakisha church. The surrounding lands are agricultural. The Blackwater SAC is located 1.5km south and 2.9km north of the existing unit. The installation comprises animal houses, manure collection and storage tanks, ancillary structures and equipment necessary for the accommodation, management and husbandry of the animals, and the administration of the enterprise. The structures and equipment on the site were designed and installed for the purpose of breeding and rearing pigs for sale off of the site for processing into human food by the pork/bacon industry

The environmental condition of the site has been very good with no record of any spill or incident on site that would result in environmental contamination and the site is always



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maintained in a clean and tidy manner. The last EPA site inspection was carried out in 2023 to which 3 non-compliances were found which are been dealt with as part of this licence review.

Potable water is sourced via 2 onsite wells AAW1 and AAW5 to which is monitored Annually under Schedule 4 (iii) of the current EPA licence P0446-01. All results have been within the normal range for these parameters, and don't indicate any negative influence from the site facility. These results will continue to be reviewed against future analysis results, for any indicative changes. There is 1 new additional well AAW2 to which will all be monitored Annually and for the same parameters as AAW1 and AAW5. These wells are production wells but are also utilised for integrity site monitoring.

Storm water point AASW1 has always been in compliance with licence conditions and an additional storm water point AASW2 will be monitored quarterly for the same parameters as AASW1

The main activities at this farm occur during normal working hours between 08.00 a.m. and 18.00 p.m. Stock inspections in line with normal farming practices are and will be carried out every day including weekends and holidays. Automatic feeding and ventilation systems operate on a 24-hour basis and in addition, essential activities may be carried out outside of core working hours.

Animal Carcase	Numbers
Farrowing/Suckling Sows	205
Dry Sows	649
Maiden Gilts	152
Boars	8
Weaners	4400
Finishers	4800

The development will bring the capacity of this farm in excess of that for which a Licence was granted (P0446-01) from the Environmental Protection Agency (E.P.A.) 12/01/1999. A licence Review application is also required to be submitted to the Agency to incorporate these additional stock numbers and amended site boundary.

2.0 The main sources of emissions/by-products from this farm include



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Slurry- Pig manure is a rich source of plant nutrients and is a valuable fertiliser for farmland. It will be collected when local farmers acquire it for use on their farmland. The distribution of manure to individual farmer customers, who use it, is limited to the amount demonstrated to be needed by them to maintain their soil fertility, in accordance with the EU (Good Agricultural Practice for Protection of Waters) Regulations 2022 – S.I. No. 113 of 2022. Use of organic pig manure reduces the amount of chemical fertilisers used by farmers. Record 3 documents are submitted to the DAFM by the end of each year.

Storm water from roofs and clean yards will discharge to field drainage via a storm water collection system. The storm water discharge points will be regularly checked, inspected and monitored. There will be no discharge of any soiled water or any effluent from the site to any watercourse or to groundwater.

Veterinary Waste, General. Domestic waste Animal Tissue: All of these are disposed of by specialist contractors

3.0 Proposed technology and other techniques for preventing or, where this is not possible, reducing emissions from the installation

Slurry:

- Slurry produced on the farm is used by customer farmers as fertilizer
- Low crude protein and continued consultation with nutritionist is undertaken on the various diets throughout the different stages of production to reduce N excretion
- Low emission spreading equipment is used when spreading slurry to reduce emissions.
- Well maintained, and good housekeeping with modern manure removal will minimise any potential adverse odour impact and will minimise odour outside the confines of the site/immediate area.

Storm water

- Separation of clean and dirty water systems
- Clean and tidy yard maintained at all time.
- Good housekeeping ethos

Animal Tissue waste/carcases

- Variety of carcasses arise due to natural deaths on the farm to which are transported of site via a licenced haulier
- All carcase are stored in designated, sealed tight, labelled bins/skips
- Good animal husbandry will keep the waste produced to a minimum



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Noise and Odour

- Automated feeding systems are in place to reduce any noise/odour emissions
- Deliveries in and out of the unit only take place during normal working hours.
- Frequent slurry removal of site.

Veterinary + General waste

- Medications are given through the feed or water system where possible
- Recycling is practiced where possible on site
- Hazardous waste generated at this site will be in the form of spent fluorescent lighting tubes. The annual quantity of each of this class of waste generated on the site is and will be minimal. It is proposed to accumulate the used fluorescent tubes in a specialised storage area in the site pending periodic to be returned to the supplier.

4.0 Cessation of Activity

In the event the site has to be closed for whatever reason then the following steps will take place

- All animals sold
- All carcasses, veterinary waste, fluorescent tubes will be removed of site by the appropriate licenced haulier
- All slurry will be removed off site and tanks will be rendered safe
- All feed will be removed off site also
- All pig houses shall be washed and disinfected

All measures and guidance documents are met to the highest standard on this farm to ensure the environment is protected at all times and conditions of the licence are adhered to.