



Submission

Submitter:	Ms. Terri Mullee
Organisation Name:	Health Service Executive East
Submission Title:	HSE Submission
Submission Reference No.:	S006194
Submission Received:	02 December 2020

Application

Applicant:	Harvest Lodge Pigs Limited
Reg. No.:	P0412-02

See below for Submission details.

Attachments are displayed on the following page(s).

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



Feidhmeannacht na Seirbhíse Sláinte
Health Service Executive

Date: 01/12/2020

Our reference: 1444

Report to: Environmental Licensing Programme
Office of Environmental Sustainability
Environmental Protection Agency
Johnstown Castle Estate
Co. Wexford

EPA reference: P0412-02

Type of Consultation: Industrial Emissions

Applicant: Harvest Lodge Pigs Limited, Gortnamuc, Kilcormac, Offaly

Dear Sir/Madam

Please find enclosed the HSE consultation reports in relation to the above licence application. If you have any queries regarding any of these reports the initial contact is Ms Terri Mullee, Principal Environmental Health Officer, who will refer your query to the appropriate person

Yours faithfully,

Terri Mullee
Principal Environmental Health Officer



Date: 01/12/2020

Our reference: 1444

Report to: Environmental Licensing Programme
Office of Environmental Sustainability
Environmental Protection Agency
Johnstown Castle Estate
Co. Wexford

EPA reference: P0412-02

Type of Consultation: Industrial Emissions

Applicant: Harvest Lodge Pigs Limited, Gortnamuc, Kilcormac, Offaly

Nature of Activity:

Classes and Nature of Activity in accordance with the EPA Act 1992 as amended			
Class of Activity	Main Activity	EPA Act Sector (where applicable)	Class of Activity Description
6.2 (b)	Yes	Intensive Agriculture	The rearing of pigs in an installation where the capacity exceeds - (b) 2,000 places for production pigs which are over 30kg
6.2 (a)	No	Intensive Agriculture	The rearing of pigs in an installation where the capacity exceeds - (a) 750 places for sows

Introduction

The following HSE departments were notified of the consultation request for the licence application on 11th November 2020

- Emergency Planning – Brendan Lawlor
- Estates – Helen Maher
- Assistant National Director for Health Protection – Kevin Kelleher / Laura Murphy
- CHO – Pat Bennett

This report only comments on Environmental Health impacts of the licence application.

Third Party Submissions

The Environmental Health Department have not received any complaints from the public in relation to this facility.

General

Slurry Production:

Section 2.0 of the non-technical summary deals with slurry as an emissions source.

It is recommended that the applicant is made aware that the following applies to all pig slurry and soiled water storage structures whether or not on the site of the unit:

- **A minimum of six months storage capacity dedicated to the unit is required.**
- **All construction work should be certified by a chartered engineer as having been constructed according to S108 or S123 as appropriate, (DAFF, 1987 and 1994).**
- **Where the pig manure storage structures are constructed to another design specification, then both the design specification and the subsequent construction work should be certified by a chartered engineer as being suitable for the task and comparable to the Department of Agriculture, Food and Forestry specifications.**
- **All storage tanks should be inspected by a chartered engineer and certified as structurally sound for the purpose they were intended subsequent to construction and at appropriate intervals thereafter.**
- **Leak detection facilities based on inspection chambers and perimeter wall and under floor drains should be provided as appropriate.**

It is further recommended that the applicant is advised of Batneec Guidance Note Section 4.6 Spreading of Pig Manure and the conditions therein.

It is recommended that the applicant install High Level Monitors to the proposed soiled water tanks in order to minimise the risk of unintentional overflow. It is further recommended that the applicant monitor and empty the soiled water tanks before they reach their capacity again to avoid any unintentional overflow.

It is recommended that the applicant monitors ground nutrients on his lands via a Nutrient Management Plan (NMP).

That the Nutrient Management Plan (NMP) is maintained by the applicant on site for the management of soiled-water arising at the facility and should include:

- **Calculation of the quantity of manure and the amount of nutrients available from manure including any manure or other wastes imported.**
- **The results of soil fertility and drainage tests on existing or proposed land spreading areas.**
- **A representative soil sample, to a depth of 10cm, should normally be taken biennially from every 2 to 4 hectares and at least one per farm. However, where soil types are similar and cropping and treatments of the lands were the same during the previous 5 years or more, a composite sample from an area up to 12 hectares is acceptable.**
- **An assessment of the relationships between manure application rates, cropping routine, crop nutrient requirements and existing soil nutrient status on all land spreading areas.**

- **Ordinance Survey Maps to a scale of 1:10,560 showing the location of the said land spreading areas and all environmentally sensitive features on the lands or in their vicinity; including *inter alia* dwellings houses and sensitive buildings, drains, streams, watercourses and other sources of water supply.**
- **Agreements between ‘importers’ and ‘exporters’ of all animal manures or other wastes are required.**

The Nutrient Management Plan should be up-dated and issued to the Agency for approval on an annual basis.

Odour:

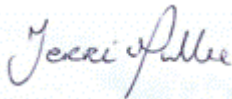
EHS advises that an assessment of the impact of odour emissions from the activity and the impact of odour emissions on local residents should be carried out. The EPA’s published report entitled **Odour Impacts and Odour Emission Control Measures for Intensive Agriculture should be referenced.**

The EHS also recommends that the odour management plans includes a robust complaints procedure whereby any complaints from the local population are recorded and appropriately investigated.

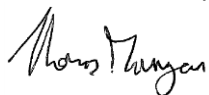
The Environmental Health Service has not received any odour complaints regarding this facility.

Conclusion:

Other than the observations stated above, the Environmental Health Service have no further concerns at this time regarding this proposed development.



Terrie Mullee
Principal Environmental Health Officer
HSE Laois / Offaly Area



Thomas Mangan
Environmental Health Officer
Environment Operational Unit

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