



Feidhmeannacht na Seirbhíse Sláinte
Health Service Executive

Submission No. 1

Environmental Health Service
HSE Dublin/North East
Cavan and Monaghan
The Arcade
Main Street
Cavan
Co Cavan

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Ref/ BC/CO'D

25 April 2018

Environmental Licensing Programme
Office of Climate, Licencing & Resource Use
Environmental Protection Agency
Headquarters
PO Box 3000
Johnstown Castle Estate
Co. Wexford

Re/ Application for Integrated Pollution Prevention and Control Licence.

Class and Nature of Activity/ Class 6.1

The rearing of poultry in installations weather within the same complex or within 100 metres of the same complex, where the capacity exceeds 40,000 places.

Applicant: Gillian Harte, Milltown, Rockcorry, Co. Monaghan.

Location of facility: Milltown, Rockcorry, Co. Monaghan.

Ref. No/ P1075- 01

EHIS Ref: 0745

To whom it may concern;

Please find enclosed the Health Service Executive consultation report in relation to the above application.

The following HSE departments were made aware of the consultation request for the above application on 05 April 2018:

- Emergency Planning
- Estates
- Assistant National Director for Health Protection
- RDPI.

The Environmental Health Service response to the application is in the attached consultation report.

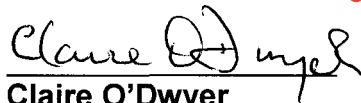
- The assessment is based on an assessment of documentation submitted to this office.
- A site visit was conducted on 23 April 2018.
- All commitments to future actions including mitigation and further testing have been taken as read and all data results have been accepted as accurate.
- No additional investigations / measurements were undertaken.
- This report refers only to those sections of the documents which are relevant to the HSE.
- We have made observations and submissions under the following specific areas;

Human Beings
Water
Climatic Factors
Interaction of the above

Soil
Air
Material Assets
Waste

All correspondence or any queries with regard to this report, including acknowledgement of this report, should be forwarded to Ms. Claire O'Dwyer, Principal Environmental Health Officer.

Yours sincerely,



Claire O'Dwyer
Principal Environmental Health Officer



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Ms. Claire O'Dwyer
Principal Environmental Health Officer
Environmental Health Office
The Arcade
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Dear Claire,

I refer to an application for an IPPC licence for No. 2 proposed poultry houses from the above named applicant. The IPPCL application for these units was submitted to the EPA on the 26 March 2018. The applicant is proposing to construct No. 2 poultry houses on what is currently a green-field site located on the applicants existing farm. The two houses will have the capacity to accommodate approximately 104,000 broilers on-site.

The following are observations made whilst reviewing the said application and related documents in conjunction with EPA guidance documents and associated Legislation. Further observations were made during the site visit and discussions with Mr. Brendan Harte husband of the applicant, on the 23 April 2018.

Site Location

The proposed development is located in a rural setting in the County of Monaghan. The existing farm land which is owned by the applicant and the location of the applicant's home and the proposed development is located c. 12.0 km South West Monaghan town and c. 1.5Km North West of the village of Rockcorry, Co Monaghan. Brendan stated that both he and Gillian have substantial experience in the poultry industry having been involved in the industry for most of their adult life. The existing farm land owned by the applicant is located adjacent to the site of the proposed development and has been rented to another farmer for the last number of years. The nearest neighbours are located over 300m approximately from the site. It was established that the nearest neighbours are relatively new to the area and are only in the process of moving into their new house however, Brendan stated that there has been no objection to the proposed development from any of the neighbours. This office has not been made aware of any other complaints.

Water Supply

Brendan advised that the proposed houses will be supplied with drinking water from the Drumgole Group Water Scheme. He further advised that the water supply is tested regularly by the Group Water Scheme. There is no bored well on site although the site map indicates that a bored well is incorporated in the plans for this development. This office is not aware of existing issues with Drumgole Group Water Scheme.

It is recommended that a condition of the licence stipulate that the applicant maintain all results for water testing on site for the purpose of examination.

It is recommended that if the applicant decides to develop a bored well for use at the facility that a groundwater protection plan is drawn up by the applicant to address, but not be limited to the following for wells used for human consumption;

- details of water source**
- details of bedrock**
- details of overburden**
- vulnerability of the borehole**
- groundwater flows and gradient**
- inner and outer zones of protection**
- details and assessment of land use**
- current activities and past activities in the source protection zones.**

Manure:

It is proposed that all manure will be collected by a licensed contractor namely C.L.R. Co-op Ltd (T/A Poultry Manure Supplies) located at Mount Louise, Smithboro, Co. Monaghan, who will remove the manure from the houses for the purpose of mushroom cultivation at various locations. The applicant stated that no manure will be stored on site. If in the event manure needs to be stored there are currently no suitable facilities on the existing farm to accommodate manure storage. Brendan stated that plans for a manure storage facility are incorporated in the plans.

Wash Water

Wash water from the proposed units will be collected and stored in a No. 2 dedicated and newly constructed wash water tanks located to the front end of the proposed houses.

It is recommended that the applicant is made aware that the following applies to all poultry manure and wash-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 poultry 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.

Brendan stated that when the wash water tanks have reached their capacity the tanks will be emptied and spread on the applicant's farm land surrounding the site at the appropriate time of the year and in accordance with the Nitrate directive. Alternatively the farmer, who rents the land, will remove the soiled water from the tanks and pump it into his slurry tank.

It is recommended that the applicant is advised to adhere with Section 4.6 of Batneec Guidance Note for the Poultry Production Sector and the conditions therein.

It is further recommended that the applicant install High Level Monitors to the proposed wash water tanks in order to minimize the risk of unintentional overflow.

Storm Water / Surface Water

The river Blackwater traverses the rear of the site and will be within 25m of the proposed development at the nearest point. It is proposed that all surface / storm water will be diverted through a polishing filter prior to final discharge to a field drain. It is not however identified on the applicants site map as to where the storm/clean surface water will be discharged.

It is recommended that the licence stipulate that all discharge points must be labeled and identified on site for the purpose of monitoring and sampling including grid references.

It is recommended that the applicant is advised to take due care when birds are being removed from the houses and during clean down as there is the potential for contamination of clean surface water at that stage and particularly during wet weather if the drainage stopper system, which the applicant proposes to use, is not correctly managed.

It is recommended that the baseline conditions of the groundwater are established in the neighbourhood of the site and of the land spreading areas. Periodic water quality monitoring of relevant parameters as per licence. Where appropriate test wells should be provided at the site of the poultry unit.

It is recommended that a condition of the licence stipulate that a surface water quality monitoring scheme is put in place and that the baseline conditions of the groundwater are established in the neighbourhood of the site and of the land spreading areas.

That periodic water quality monitoring is established of the relevant parameters and that relevant records are maintained by the applicant for inspection.

The applicant stated that the site has never flooded and that there is no risk of future flooding as the facility is located on an elevated site.

Waste

The applicant stated that College Proteins will be the contractor employed to remove dead birds off-site.

It is recommended that adequate and suitable storage facilities are provided by the applicant for the storage of dead bird carcasses on site. That the applicant is advised that the carcasses should be removed by a registered contractor, in this case College Proteins, as often as necessary and in any event before the storage containers overflow.

It is recommended that all other waste products are disposed of at Monaghan Co. Co. civic amenity centre or returned to the supplier for recycling in a timely manner and that there is no accumulation of waste on site.

Odour

It is recommended that the applicant be advised to continually monitor odour from the installation.

Noise and Dust

It is recommended that the applicant be advised to continually monitor noise and dust from this installation particularly during the construction phase.

Pest Control

The applicant intends to employ a pest control contractor.

It is recommended that the applicant is advised of his obligations in terms of vermin control.

It is further recommended that the applicant is advised to apply adequate pest control measures to the proposed poultry houses and that the bait boxes are monitored regularly to ensure an adequate amount of bait is present in the boxes and that pest control records and measures be maintained by the applicant on site.

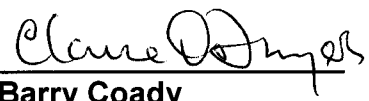
Oil Storage

The applicant stated that he does not intend to store oil on-site of the proposed poultry units and that gas will be used to heat the houses. A back-up generator will be used on-site which will be powered by diesel however, the generator incorporates a self bunded system to avoid any accidental leakage of fuel to surface or ground water.

Conclusion:

Other than the issues stated above, the Environmental Health Service have no further concerns at this time regarding this facility.

Yours faithfully,


RR **Barry Coady**
Environmental Health Officer

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