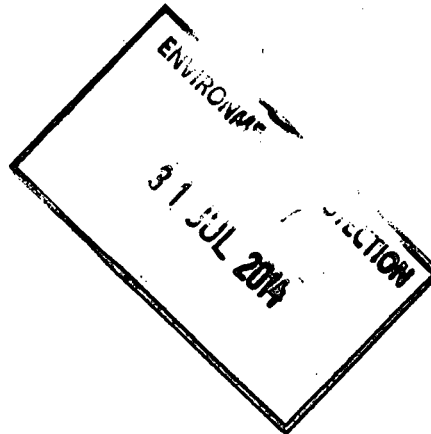




Feidhmeannacht na Seirbhíse Sláinte
Health Service Executive

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

Tel: 049 4373418
Fax: 049 4373427



Ref/ BC/CO'D

30 July 2014

Ms Grainne Oglesby
Programme Officer
Office of Climate, Licencing & Resource Use
Environmental Protection Agency
Headquarters P.O. Box 300
Johnstown Castle Estate
Co. Wexford

Re: Review of current Integrated Pollution Prevention and Control License.

Class and Nature of Activity: 6.1

The rearing of poultry in installations where the capacity exceeds 40,000 places.

**Applicant: Mr Michael & Enda Connolly, c/o Mr Padraic Fay, CLW
Environmental Planners Ltd, The Mews, 23 Farnham Street, Cavan.**

Location of Facility: Gortnawinney, Clones, Co Monaghan

Ref. No: PO0867- 02

EHIS Ref: 0189

Dear Ms Oglesby,

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

If you have any queries regarding the report, the initial contact is Ms. Claire O'Dwyer, Acting Principal Environmental Health Officer.

The following HSE departments were made aware of the consultation request for the above application on 6/6/14:

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

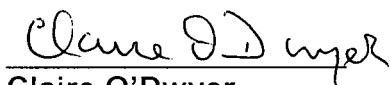
The Environmental Health service response to the application is in the attached consultation report.

- The assessment is based on an assessment of documentation submitted to this office.
- A site visit was conducted on 25/07/14.
- Environmental Health was not included at the Screening / Scoping stage of this application.
- 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	Soil
Water	Air
Climatic Factors	Material Assets
Interaction of the above	Waste

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

Yours sincerely,



Claire O'Dwyer
A/Principal Environmental Health Officer



Feidhmeannacht na Seirbhíse Sláinte
Health Service Executive

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

Tel: 049 4373418
Fax: 049 4373427

30 July 2014

Ms. Claire O'Dwyer
A/Principal Environmental Health Officer
Environmental Health Office
The Arcade
Main Street
Cavan
Co Cavan

Re: Review of a current Integrated Pollution Prevention and Control License.

Class and Nature of Activity: 6.1

The rearing of poultry in installations where the capacity exceeds 40,000 places.

**Applicant: Mr Michael & Enda Connolly, c/o Mr Padraic Fay, CLW
Environmental Planners Ltd, The Mews 23 Farnham Street, Cavan.**

Location of Facility: Gortnawinney, Clones, Co Monaghan.

Ref. No: PO867- 02

EHIS Ref: 0189

Dear Claire,

I refer to a review of an existing IPPC license for a poultry production unit belonging to the above named applicant. The IPPCL application for these units was submitted to the EPA on the 31 October 2008. There are currently 3 fully operational poultry houses to accommodate 49,500 broilers onsite. Rearing of chickens is carried out from day olds until removed off site for meat production.

The following are observations made whilst reviewing the said application and related documents in conjunction with EPA guidance documents and associated Legislation however the previous EIS was available. Further observations were made during the site visit and discussions with Mr Enda Connolly on the 25 July 2014.

Manure

Currently all manure is collected by the contractor George Coulson & Son Ltd., Clones, Co. Monaghan, who removes the manure from the houses and delivers it to Monaghan Mushrooms. This current arrangement is to continue with the new development.

Soiled Water

Currently, soiled water is collected in a tank located at the end of each house. The applicant stated that he mixes the soiled water in the cattle slurry tank and it is spread on the family land surrounding the site in accordance with the Nitrates Directive and his nutrient management plan.

However, in regard to the new development the applicant must be 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.

Surface Water

Surface water is generated from roofs of the poultry units and yards surrounding the houses. Surface water is drained by natural means across an open concrete yard directly in front of the chicken houses No. 1 and 2 to a collection point and then discharged to a land drain. However, the means in which the surface water and storm water is drained to the collection point across the open concrete yard exposes the possibility of this water becoming contaminated particularly in circumstances where the chicken houses are being cleaned out during wet weather. The guttering on chicken house No. 1 is in poor condition exposing the problem of the applicant not being able to accurately predict the flow of storm water from the roof. The concrete yard is in poor condition with substantial cracking evident. The applicant has stated that he has plans to renovate the yard and pipe all storm water to the current collection point. If this work was completed it would drastically reduce the risk of the surface water being contaminated.

There is currently no surface water quality monitoring scheme in place to determine water quality at the discharge points. The EIS reports that the new development will have no adverse impact on Gortnawinney Lake or its waters however, this is impossible to determine as the discharge points are currently not tested to determine water quality. It is recommended that a surface water quality monitoring scheme is put in place as per licence. Periodic water quality monitoring of relevant parameters as per licence.

Well

There are two deep bored wells on the farm. One well supplies drinking water to the applicants dwelling and has no treatment. The second well supplies water to the chicken houses through a chlorinated treatment system.

It is recommended that a groundwater protection plan be drawn up 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.

Waste

There is adequate refrigerated storage facilities provided for the storage of dead bird carcasses on site. The carcasses are removed weekly by Irish Bait & Tackle, Ballyconnell, Co. Cavan. This arrangement is to continue after the new facility commences.

Odour

Emissions to atmosphere from this farm include normal respiration gases and odours emitted from the houses and from the manure. Increased emissions may at times be associated with the loading of poultry manure once every 6-8 weeks for around 4 hours per house. This office has not received any odour complaints regarding this facility. At the time of the site visit odour levels appeared acceptable for this type of farming activity.

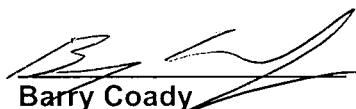
Noise

The site is located in a rural environment. B.A.T. specifies the standard noise emission limit values of 55 (daytime) and 45 (night time) dB(A) at any noise sensitive location. This office has not received any noise complaints regarding this facility. At the time of the site visit noise levels appeared acceptable for this type of farming activity.

Pest Control

Pest control measures are carried by the applicant. A visual inspection of the bait boxes was carried out. The boxes were in good condition, well baited and located at regular intervals around the houses. The applicant plans to apply the same pest control measures to the new development. It is recommended that the applicant maintain records of the pest control measures in place.

Yours faithfully,



Barry Coady
Environmental Health Officer

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