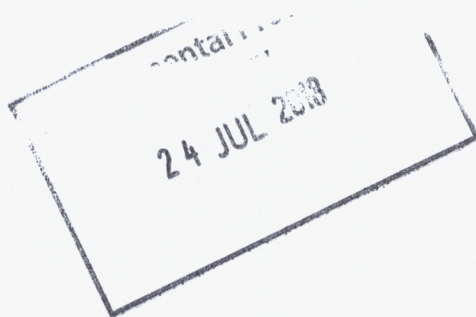




Feidhmeannacht na Seirbhíse Sláinte
Health Service Executive



Suls. # 3
P1079-01

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

Tel No: +353 (0) 49 4373418
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Ref/ BC/CO'D

23 July 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: Adrain Gunn, Broiler Advisory Services Ltd, No. 5 Woodlands, Scotstown Road, Monaghan, Co. Monaghan.

Location of facility: Correvan, Newbliss, Co. Monaghan.

Ref. No/ P1079- 01

EHIS Ref: 0796

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 18 June 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.

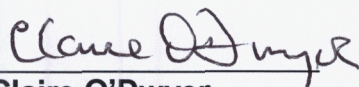
- The assessment is based on an assessment of documentation submitted to this office.
- A site visit was conducted on 17 July 2018.
- All commitments to future actions including mitigation and further testing have been taken as read and all data results have been accepted as accurate.
- No additional 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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Feidhmeannacht na Seirbhíse Sláinte
Health Service Executive

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



Tel: 049 4373418
Fax: 049 4373427

Ref: BC/COD

23 July 2018

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

Re/ Application for Integrated Pollution Prevention and Control Licence.

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Ref. No/ P1079- 01

EHIS Ref: 0796

Dear Claire,

I refer to an application for an IPPC licence for No. 6 proposed poultry houses from the above named applicant. The IPPCL application for these units was submitted to the EPA on the 07 June 2018. The applicant is proposing to construct No. 6 poultry houses on what is currently a green-field site located on the applicants existing farm at Correvan, Newbliss, Co. Monaghan. The six houses will have the capacity to accommodate approximately 300,000 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. Adrain Gunn, the applicant, on the 17 July 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 proposed development is located c. 1.9km south of the town of Newbliss, Co Monaghan and 0.25km from the regional Newbliss - Cootehill road R189. The applicant stated that he has substantial experience in the poultry industry having been involved in the industry for most of his career working for Manor Farms which process poultry. The nearest neighbours are located over 200m approximately from the site. The applicant stated that there has been no objection or complaints to the proposed development from any of the neighbours. This office has not been made aware of any other complaints.

Water Supply

The applicant 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. 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 on-site there are currently no suitable facilities on the existing farm to accommodate manure storage.

Wash Water

Wash water from the proposed units will be collected and stored in No.1 large dedicated and newly constructed wash water tank located to the north side of the proposed houses. The applicant stated that the said tank will have at least 6 months storage capacity as required. In the event the applicant is unable to spread the wash water on his surrounding lands, during the months in which he is permitted to do so due to for example weather conditions, the applicant has no other means of storage for the wash water.

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.**

The applicant stated that when the wash water tank has reached its capacity the tank 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.

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 particularly S.I. 605 of 2017.

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

Storm Water / Surface Water

The application site lies within the Erne Hydrometric Area and Catchment, and the Finn (Monaghan) Sub-Catchment/Sub-Basin. There is a drain within the application site in the south-western section, and there are also drains close to the site boundary. Clean surface water from the application site will be directed into these drains, via a site specific storm water attenuation system. The Newbliss Stream is approximately 73m north of the application site. This stream flows in a northerly direction, through the town of Newbliss until its confluence with the Finn River, at a point 5.3km north of the application site. The EPA have defined the ecological status of the Newbliss Stream as moderate. Under the requirements of the Water Framework Directive in Ireland, this is unsatisfactory and good status must be achieved by 2021. It is not however identified on the applicants site map as to where the storm/clean surface water will be discharged. The applicant stated that the loading area for finished birds will be covered and enclosed. This should minimise any potential contamination of clean surface water.

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 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, given the capacity, 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 will incorporate a self bunded system to avoid any accidental leakage of fuel to surface or ground water.

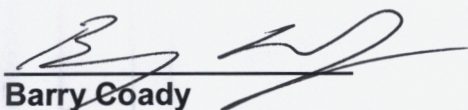
Chemical Storage

It is recommended that the applicant be advised to store all chemicals safely in a bunded area.

Conclusion:

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

Yours faithfully,



Barry Coady
Environmental Health Officer

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