



Feidhmeannacht na Seirbhíse Sláinte  
Health Service Executive

Environmental Health Service  
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Ref/ BC/CO'D / EHIS Ref: 0217

19 September 2014

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

ENVIRONMENTAL PROTECTION  
AGENCY

24 SEP 2014

Re/ Review of current 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/ Mr Bernard Treanor, Doogary, Tydavnet, Co. Monaghan.

Ref. No/ P0861- 02

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 15 August 2014:

- 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 18 September 2014.
- 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, Acting Principal Environmental Health Officer.

Yours sincerely,

  
 Claire O'Dwyer  
 A/Principal Environmental Health Officer

### **Manure**

Currently all manure is collected by the contractor C.L.R. Co-op Ltd (T/A Poultry Manure Supplies) located at Mount Louise, Smithboro, Co. Monaghan, who removes the manure to be used in the manufacture of mushroom compost at various compost yards throughout the country as listed in Appendix 7. There is currently no suitable storage area for manure on site however, the applicant stated that no manure is stored on site. The applicant stated that the new proposed development will encompass a manure housing structure.

**It is recommended, in terms of the new structure, that the applicant is advised to adhere with 4.5 of the Batneec Guidance Note for the Poultry Production Sector and the conditions therein.**

### **Water Supply**

There are currently no bored wells on site. A bored well previously existed, as stated in the EIS however, this well has now been decommissioned and sealed up. All water for stock, washing and for the applicant's home is supplied by Tydavnet Water Group Scheme as indicated in Appendix 5. The water supply is tested by the applicant annually as required by Bord Bia and to date all tests have been satisfactory. Records of sampling are maintained by the applicant.

### **Wash Water**

Wash water is collected and stored from the three poultry houses in wash water tanks at the end of each poultry house located where A, B and C are marked on the site layout plan in Appendix 3. The applicant stated that when the wash water tanks are reaching their capacity the tanks are emptied and mixed in the cattle slurry tank and it is then subsequently spread on the family 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.**

Although the applicant has high level monitors installed on each wash water tank they were not all in working order at the time of the site visit.

**It is recommended that the applicant maintain the high level monitors in working order to minimize the risk of unintentional overflow which would subsequently prevent the potential for any pollution incidents.**

When the poultry have reached the age for slaughter they are loaded at the opposite end of each house than that of the wash tanks i.e. the roadside end. At the time of the site visit cleaning was in progress as the 3 poultry houses had just been emptied. It was noted that manure was carried out on to the concrete yard during the loading process. The applicant stated that this manure is washed back into the corresponding poultry house during cleaning of the houses. The concrete yard in front of poultry houses A and B is arranged in such a way as to ensure that clean surface water is drained swiftly to a land drain running parallel to poultry house A.

During the cleaning of the said yard there was evidence that quantities of wash water are entering the clean surface water drainage system and subsequently discharged into the land drain. The applicant acknowledged that this was indeed happening due to careless washing of the yard. It was established that the contamination of the clean surface water only happens during the cleaning process and not during day to day operations.

It is recommended that the applicant is advised to take all due care to ensure that wash water is not discharged to the clean surface water land drain during the cleaning process as per licence. It is further recommended that if poultry house A and B are emptied during wet weather, that manure spillage is eliminated as far as reasonable possible and in any event is cleaned up before it enters the clean surface water discharge point to avoid any potential water pollution incidents.

#### **Storm Water / Surface Water**

Storm water and surface water are drained by natural means from the roofs of the poultry houses and associated concrete yards via a piped drainage system and discharged to a land drain located to the South East of the site and not a soak pit as indicated in the EIS. The discharge points are not identified on the EIS however, the discharge/monitoring points are labeled/identified by the applicant on site.

There has been no sampling by the applicant of groundwater in the neighbourhood of the site to establish baseline conditions of groundwater quality.

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.

There is currently no surface water quality monitoring scheme in place to determine water quality at the discharge points.

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.

#### **Nutrient Management Plan**

As per licence the applicant currently maintains A Nutrient Management Plan (NMP) records of which are maintained on site.

#### **Waste**

As per licence there is adequate storage facilities provided for the storage of dead bird carcasses on site. I was informed by the applicant that the carcasses are removed every week or more often if necessary, by Michael Galligan, Gortnaleck, Ballyconnell, Co. Cavan, and not by College Proteins Ltd, as stated in the EIS.

#### **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 from the existing poultry units once every 6-8 weeks for around 4 hours per house.

At the time of the site visit odour levels appeared acceptable for this type of farming activity.

The applicant stated that there have been no complaints regarding odour nor is this office aware of any odour complaints regarding this facility.

It is recommended that the applicant be advised to continue to monitor odour from the installation in light of the fact that his nearest neighbour is approximately 200m from the installation as per licence.

#### **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 aware of any noise complaints regarding this installation. At the time of the site visit noise levels appeared acceptable for this type of farming activity.

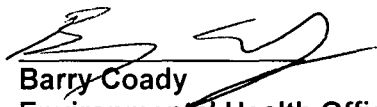
It is recommended that the applicant be advised to continue to monitor noise from this installation in light of the fact that his nearest neighbour is approximately 200m from the installation as per licence.

**Pest Control**

Pest control measures are carried out by the applicant. A visual inspection of the bait boxes was carried out. The boxes were in good condition and located at regular intervals around the houses. Records of pest control measures are being maintained by the applicant.

It is recommended that the applicant ensures the bait boxes continue to be monitored regularly to ensure an adequate amount of bait is present in the boxes and that pest control records and measures continue to be maintained on site as per licence.

Yours faithfully,



**Barry Coady**  
Environmental Health Officer

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