



Submission

Submitter:	Miss Claire O'Dwyer
Organisation Name:	HSE EHS
Submission Title:	P1105-01
Submission Reference No.:	S005458
Submission Received:	01 April 2019

Application

Applicant:	Senark Farm Limited
Reg. No.:	P1105-01

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

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

Tel No: +353 (0) 49 4373418
Fax No: +353 (0) 49 4373427

Ref. BC / CO'D

28 March 2019

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

Re: Application for an Industrial Emissions License.

Class and Nature of Activity: 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: Senark Farm Ltd, Annalough, Stranooden, Co. Monaghan.

Location of facility: Crewmeige & Slieveroe, Rockcorry, Co. Monaghan.

Ref. No: P1105-01 EHIS Ref: 0911

To whom it may concern,

I refer to your correspondence dated 27 February 2019 regarding the above named applicant.

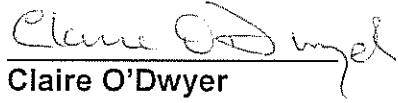
The Environmental Health Service (EHS) submitted a report dated 23 July 2018 Ref. No: P0976-03 to the Environmental Protection Agency (EPA) concerning this application.

The applicant has advised that planning had to be resubmitted in regard to this facility as it was submitted originally as the same facility located at Annalough, Stranooden, Co. Monaghan.

We would therefore submit that no material changes which would alter our observations and recommendations in the original application are being made therefore we refer you to our report dated 23 July 2018.

Please be advised that the EHS has no further observations to make at this time.

Yours sincerely,



Claire O'Dwyer
Principal Environmental Health Officer

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



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 No: +353 (0) 49 4373418
Fax No: +353 (0) 49 4373427

Ref. BC / CO'D

23 July 2018

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

Re: Application for an Industrial Emissions License.

Class and Nature of Activity: 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: Senark Farm Ltd, Annalough, Stranooden, Co. Monaghan.

Location of facility: Crewmeige & Slieveroe, Rockcorry, Co. Monaghan.

Ref. No: P0976-03 EHIS Ref: 0806

Dear Claire,

I refer to an application for an IPPC licence for No. 3 proposed poultry houses from the above named applicant. The IPPCL application for these units was submitted to the EPA on the 11 June 2018. The applicant is proposing to construct No. 3 poultry houses on what is currently a green-field site located on one of the applicants farms at Crewmeige & Slieveroe, Rockcorry, Co. Monaghan. The three houses will have the capacity to accommodate approximately 130,000 broilers on-site when completed. The applicant has a licence granted by the EPA to operate existing poultry units on another site Ref: P0976-02.

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 of the green-field site only and discussions with Mr. Frank Kearns on the 17 July 2018. This report does not include any observations of the applicants existing facilities as the current application is not located near the existing facility.

Site Location

The site is in a rural agricultural area c. 5.5 km's north of Rockcorry and c. 8.5 Km's south of Monaghan Town. The site is well serviced by the current road infrastructure and is accessed by a proposed new entrance (replacing 2 No. existing entrances) onto the Regional Monaghan - Cootehill R186 Road. The proposed poultry houses will be located c. 15m from the adjoining Road. 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 Stranooden Group Water Scheme. He further advised that the water supply is tested regularly by the Group Water Scheme as the same GWS supplies his existing facility. This office is not aware of existing issues with Stranooden Group Water Scheme. The applicant advised that a bored well does exist on his current facility however it is not envisaged at this stage that the water from that well will be used as a back-up supply for the proposed facility.

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 use or further develop the 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. This contractor is currently used for the existing facility. 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 suitable facilities on the existing facility to accommodate same.

Wash Water

The EIA report states as did the applicant that wash water from the proposed units will be collected and stored in No.3 dedicated and newly constructed wash water tanks located at the end of each proposed house. The site plans however seem to indicate that the wash water from all three houses will be collected in one large tank. It is important therefore that this matter is clarified and that the correct storage capacity is calculated to ensure at least 6 months storage capacity before construction. 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 other means of storage for the wash water i.e. a slurry tank.

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 tanks have reached 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 monitors to the proposed wash water tanks in order to minimize the risk of unintentional overflow.

Storm Water / Surface Water

The proposed site drains naturally through field drains which flow via land drains to the Slieveroe Stream, to the east of the site, and from there to the Bannaghbane Stream a tributary of the Dromore/Annalee/Erne River. The site of the proposed development is located in the Erne River Basin District. Storm water from roofs and clean yards will discharge to field drainage via a storm water collection system.

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 however the proposed site is located in a low laying part of the area.

It is recommended that further examination of the proposed site in terms of historical flooding is reviewed.

Waste

The applicant stated that College Proteins will be the contractor employed to remove dead birds off-site. This contractor is currently used for the existing facility.

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 currently self administers pest control measures on his current facility and intends to continue this practice on the proposed facility.

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.

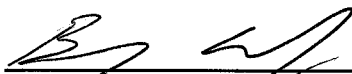
Chemical Storage

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

Conclusion:

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

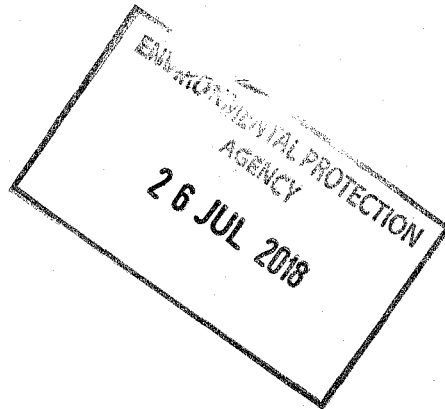
Yours faithfully,



Barry Coady
Environmental Health Officer



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 No: +353 (0) 49 4373418
Fax No: +353 (0) 49 4373427

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 an Industrial Emissions License.

Class and Nature of Activity: 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: Senark Farm Ltd, Annalough, Stranooden, Co. Monaghan.

Location of facility: Crewmeige & Slieveroe, Rockcorry, Co. Monaghan.

Ref. No: P0976-03 EHIS Ref: 0806

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 28 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.

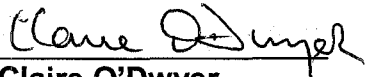
- The assessment is based on an assessment of documentation submitted to this office.
- A site visit was conducted on 17 July 2018.
- All commitments to future actions including mitigation and further testing have been taken as read and all data results have been accepted as accurate.
- No additional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

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