



6th July 2018

Your ref:

Our ref: B2CE1317

Mr Patrick Duffy
Permitting Officer
Natural Resource Wales
Wales Permitting Centre
Cambria House
29 Newport Road
Cardiff CF24 0TP

Dear Mr Duffy

Environmental Permitting (England & Wales) Regulations 2010

Application PAN-002776 (New bespoke) Part A1 Permit by Operator: Mr Robert G Evans, Mrs Edith M Evans, Mr Nicholas R W Evans and Mr Charlie J Evans. Part A1 Permit to Operate an intensive poultry farm at Dolobran Hall Poultry Unit, Dolobran Hall, Pontrobert, Meifod, Powys, SY22 6HX

Thank you for the opportunity to comment on the above environmental permit application. We have consulted with our colleagues at the Environmental Public Health Service (delivered collaboratively through Public Health Wales' Health Protection Team and Public Health England's Centre for Radiation, Chemical and Environmental Hazards Wales). Our assessment is based on actual or potential health risks from environmental exposures to chemicals, noise and extreme environmental events such as flooding.

Any recommendations are for consideration by the Regulator and may be reflected in any permit conditions (see rationale below).

Proposed Development

Dolobran Poultry Unit is applying for a permit for 64,000 bird places for the production of free range eggs. The farm has one existing house and wishes to construct an additional house; these will both be an Aviary system.

Birds will be housed at point of lay and depopulated at the end of the egg laying cycle on an all-out all-in basis. There will be approximately one cycle per annum. Birds are allowed to range by means of pop holes at the base of sides of the houses. The operation is in a rural area; there are occasional properties within 400m.

Overall Conclusion

Dusts and bio-aerosols (airborne particles containing living organisms, skin fragments, toxins, and waste products) have possible health effects including exposure to infectious diseases, allergic reactions, respiratory symptoms and lung function impairment. However, based upon the information provided by the applicant, and provided that Best Available Techniques (BAT) and management controls are applied as per relevant guidance, then there is limited potential for risk to public health from activities undertaken at the application site.

We do highlight the need for a cumulative impact assessment where there are any existing or proposed poultry units at this, or other nearby locations, to ensure that possible impacts on sensitive receptors in the area are fully considered.

Public Health Risk Assessment

We outline the following for the Regulator to consider, if not already done, when preparing permit conditions.

- A site ammonia and odour management scheme should be implemented and maintained to minimise ammonia concentrations and odours at nearby sensitive receptors. It is important that ammonia and odour are adequately controlled and do not adversely impact on human health, especially given the perceived association between odour and ill health.
- The applicant should be required to devise and maintain a manure management plan detailing when and where manures will be stored and applied to land to avoid off-site impacts from odour and flies. This should include avoiding cumulative odour impacts from any other odour sources or activities.
- Dispersion of any dusts or bio-aerosols will be dependent upon environmental circumstances such as local topography and prevailing weather conditions. Appropriate assessment (such

as detailed dispersion modelling or mitigation measures) and operational management of such emissions, in accordance with BAT, is recommended.

- All on-site storage of liquids is accompanied by bunding, compliant with industry practice and guidance, to avoid any potential contamination of ground or water supplies. Similarly, that all waste storage facilities are in line with the Regulator's guidance.
- The Regulator must be sure that the noise from the proposed activities does not cause nuisance at nearby sensitive receptors.
- The applicant should agree with the Regulator a timetable for seeking external accreditation for the Environmental Management System (EMS) e.g. ISO4001 standard.

Should there be any specific public health issue or concern raised by communities, then we would be happy to assist in reviewing these.

Yours sincerely

A handwritten signature in black ink, appearing to read 'Stuart Bourne', with a small flourish at the end.

Stuart Bourne
Interim Director of Public Health

