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Building, Civil and Structural • Project Management • Environmental Consultants • Cost Control • Energy Rating • Health & Safety • Fire Engineering

Ms. Elizabeth Leacy
Administration Officer
Office Environmental Sustainability
Environmental Protection Agency
PO Box 300
Johnstown Castle Estate
Co. Wexford.

January 16th 2018

Re: Registration No. P0790-03 Mr Eoin O' Brien – Application to the Environmental Protection Agency for a review of the Industrial Emissions Activity Licence (Licence No. P0790-02) for Mr. Eoin O' Brien, Annistown, Killeagh, Co. Cork.

Dear Ms. Leacy,

With reference to the above and recent letter from Mr. Patrick Geoghan, listed below is the clarification and information required. Please also find attached the following drawings / documentation as per your requirement we enclose original and hardcopy including 2 copies in PDF Format on CD-ROM:

- Extract Fan Locations - Drawing No. 214037-06 Revision A - Dated January 16th 2018

1. Organic Fertiliser (Pig Slurry)

As requested we attach a list of the customer farms which gives a total import capacity of 59,370m³ per annum. The estimated annual average quantity of organic fertiliser (pig slurry) for the completed facility is 27,690m³. Therefore, we confirm that there is sufficient customer spread lands available for the quantity of organic fertiliser (pig slurry) which will be generated at the facility. We also confirm that the current annual average organic fertiliser (pig slurry) generated is 9,700m³.

2. Extract Fan Systems

The proposed works involve the demolition of 6 no. existing buildings. The proposed replacement buildings and all other new buildings will conform to the highest standards. The buildings will also comply with all the Department of Agriculture specifications and best available techniques for the pig production sector.

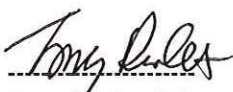
The buildings are provided with natural ventilation by the provision of windows, vents, doors and in-built natural vent mechanisms in the extract fans. When natural ventilation alone is not sufficient the extract fans are operated to assist in the control of temperatures and ensure fresh air movement through the buildings.

The buildings within the facility have different purposes and hence pig sizes vary as do temperatures and ventilation requirements. There is further variability in the use of the extract fans depending on the time of year and weather/external temperatures. We have provided the location and specification of proposed / existing extraction fans on the attached drawing, however given the variability in use as outlined above accurate modelling would not be possible.

We believe that there are no alterations or revisions required to the Non-Technical Summary, given the minor nature of the information requested and provided above.

Please contact the undersigned if you require any further information on the matter.

Yours sincerely,



Tony Dunlea B.E.
Murphy McCarthy Consulting Engineers Ltd.

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