



Feidhmeannacht na Seirbhíse Sláinte
Health Service Executive

Sub ①

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Environmental Protection Agency
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13th January 2009

**RE: Environmental Impact Statement (EIS) for the Integrated
Pollution Prevention and Control (IPPC) license application
submitted by Pfizer Biotechnology Ireland**

Reg No: P0864-01

To Whom It May Concern:

I refer to the recent correspondence relating to the above proposed development. It is envisaged that there would be some public health concerns that the Environmental Health Service (EHS) would like to comment on. We have examined the EIS and set out below some of the relevant items of information from it.

Human Beings:

Construction Phase

The proposed site is situated in Ballintaggart, Ringaskiddy. It covers 10 acres, in the south-western quadrant of the former ADM site. Shanbally and Ringaskiddy towns are in close proximity to the site. They include residential properties, schools, shops, pubs and farms.

The construction of the proposed development will take 24 months. It is envisaged that the main impacts on the local residents during this period will be from construction traffic.

Mitigation measures have been outlined in the EIS and indicate that construction traffic will use the existing former ADM site entrance.

Operational Phase

A Traffic Impact Assessment was carried out as part of the EIS by AWN Consulting Ltd. and concludes that the proposed development will have no significant impacts on traffic in the area.

Pest Control:

Major earthworks that would be involved in this proposed development would pose a serious risk of infestation of pests such as rats and mice. This is a major public health issue. Mitigation measures should include a pest control plan with detailed inspections of the site regularly. It is also imperative that good construction and operation practises be employed to ensure that the area is kept clear of any sources of food that would attract rodents.

Noise and Vibration:

Construction Phase

The local residents and workers will sustain some negative impacts during the construction phase of this proposed scheme. This is envisaged to be especially so in the village of Shanbally.

The source of noise will be from traffic and other construction activity. It is stated in the EIS that the construction impacts will be temporary and not excessively intrusive.

Operational Phase

The cumulative noise levels have been predicted at five locations. For three of the noise sensitive locations the predicted noise impact from the operation of the proposed development is imperceptible. The increase predicted at the other two locations is slight to moderate. The predicted noise level for all five locations is within the proposed daytime and night-time criteria of 55dB and 45 dB L_{Aeq} respectively.

Air Quality:

Air dispersion modelling of the emissions from the proposed development was carried out using the United States Environmental Protection Agency's model AERMOD. Modelling and subsequent impact assessment were undertaken for Nitrogen dioxide, Sulphur Dioxide, Carbon Monoxide and PM_{10} & $PM_{2.5}$.

The predicted air quality impacted was deemed not to lead to exceedences of the ambient air quality.

If you have any queries with regard to this submission, please contact the undersigned.

Yours sincerely,

pp. Monica Jones

Declan Hamilton

Principal Environmental Health Officer

c.c. Ms. Mary Keane, Area Chief Environmental Health Officer, Environmental
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